தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai - 600 025
Phone : 044 - 2230 1428 Web : www.tanscst.nic.in
Telefax : 044 - 2230 1552 E-mail : ms.tanscst@nic.in/enquiry.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).
Member Secretary

Letter No.TNSCST/STP/MS-01/2019-20/ 3719 29.03.2021

To

The Registrar
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Road,
Chennai – 600 119

Sir/Madam,

Sub: TNSCST – S&T Project on "Preparation of biogreen carbon dots as potent and trackable anti-microbial activity" –Approval –grant release- intimation – Reg.

Ref: Proposal dated March 2020

****

I am happy to inform you that State Council has approved your above cited research proposal for funding. A copy of the terms and conditions governing the grant is enclosed herewith for your reference. The approved budget for the project entitled "Preparation of biogreen carbon dots as potent and trackable anti-microbial activity" is Rs.1,90,000/- for Two years. Kindly acknowledge your acceptance in a week time for the above budget and details including terms and conditions.

Kindly Find enclosed herewith cheque for first year approved grant of Rs. 95,000/-(Rupees Ninety five thousand only). You have to submit a declaration stating that the above cited "project has not receiving any funds from any other funding agency". All communication should be sent through the proper channel.

With best wishes,

Yours faithfully,

29/3/21

Member Secretary

Encl: 1.Cheque for Rs.95,000/- No: 691129 dt.29.03.2021
2.Terms and conditions

Copy to:
Dr.K.Govindaraju
Scientist – E / Associate Professor,
Centre for Ocean Research,
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Road,
Chennai – 600 119

File No. NRDMS/11/1848/011/Geo Innovation Challenge/34

Government of India
Ministry of Science & Technology
Department of Science & Technology
NGP Division (earlier NRDMS)

Technology Bhavan,
New Mehrauli Road,
New Delhi-110016
Dated: 24.03.2021

ORDER

Subject: Financial support for conducting 3 days Geo Innovation Challenge on "Geospatial Science and Technologies" under National Geospatial Program (NGP) earlier NRDMS programme of Department of Science & Technology, New Delhi by Dr. K. Nagamani, Sathyabama Institute of Science and Technology, Jeppiaar NAGAR, Chennai, Tamil Nadu- 600119.

The National Geospatial Programme Division-NGP (earlier Natural Resources Data Management System-NRDMS) of the Department of Science & Technology Government of India, focuses on capacity building at various levels for planning and implementation in a spatio-temporal context in a multilevel framework. The NGP-DST over the last ten year has been supporting an exclusive training programme (21 days and 3 days) for various target groups. The capacity building programme of NGP has now evolved into a strong programme that has over the last ten years conducte166 programs of three week duration benefitting over 5000 participants from academia, Government and research institutions across the country. During last year, 32 training programmes have been organized through various participating agencies all over the country. NGP-DST supports the participating institution with not only with financial resources as well as with knowledge resources required to conduct the program. A one stop portal (http://dst-iget.in) has been set up to facilitate the teaching-learning process. All the coordinators/ PI are requested to follow the guideline and the portal course material on.

2. Sanction of the President is conveyed for the approval of Rs. 3,00,000/- (Rupees Three Lakh only) for conducting the training programme mentioned in the subject under the supervision of Dr. K. Nagamani, Sathyabama Institute of Science and Technology, Jeppiaar NAGAR, Chennai, Tamil Nadu- 600119.

The budgetary details of the programme are as under:

S. No.	Item	Amount in (Rs.)
1.	Boarding / Lodging	1,00,000/-
2.	Travel cost	75,000/-
3.	Honorarium to experts/ Contingencies/Awards/	50,000/-
4.	Training Kit	50,000/-
	Overhead	25,000/-
	Total	**3,00,000/-**

3. Sanction of the President is also conveyed for the payment of Rs. 2,00,000/- (Rupees Two Lakh only) to Sathyabama Institute of Science and Technology, Jeppiaar NAGAR, Chennai, Tamil Nadu as the first instalment of grant under "General Head" for organizing the above mentioned Training Programme.

4. The Amount of Rs. 2,00,000/- will be drawn by the Drawing and Disbursing Officer, Department of Science & Technology will be disbursed to Sathyabama Institute of Science and

डॉ. शुभा पाण्डेय / Dr. SHUBHA PANDEY
वैज्ञानिक 'डी' / Scientist 'D'
विज्ञान और प्रौद्योगिकी विभाग
DEPARTMENT OF SCIENCE & TECHNOLOGY
भारत सरकार / Govt. of India
नई दिल्ली-110016 / New Delhi-110016

Technology, Jeppiaar NAGAR, Chennai, Tamil Nadu. The bank details for electronic transfer of funds through RTGS are given below:-

Account Holder Name	Sathyabama Institute of Science and Technology-Research
Savings Bank Account Number	6089858032
Name of the Bank and Branch	IndianBank, Sathyabama University Branch, Chennai,Tami Nadu
IFSC Code	IDIB000S201
MICR Code	600019229

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology; Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) at the end of the event.

6. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

8. The grant-in-aid being released is subject to the condition that:

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

9. As per the GFR 2017 Rule 230 (8) the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230(17) of GFR-2017 concerning reservation of SC/ST/OBC, if applicable.

10. As per rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-marketplace (gem), to the extant availability there as the project involves Government funding

11. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:

Sudha Pandey

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
70	:	Innovation, Technology Development & Deployment
70.00.31	:	Grant in aid General for the year 2020-21 (Plan)
		(**Previous**: TDP-NRDMS-3425.60.200.26.01.31)

12. Grantee organization is to adhere to the instructions of the Department of Expenditure guidelines for the travel budget head.

13. The continuation of the project beyond 31/03/2021 will be subject to appraisal and approval of the continuation of the Umbrella Scheme "Innovation, technology Development and Deployment" under which the project is funded.

14. Grantee Institution (GI) is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the GI.

15. The NGO DARPAN ID for Sathyabama Institute of Science and Technology is: TN/2017/0116286.

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 181/41 in the register of grants maintained in the Division for the scheme (NGP Programme).

17. This issues with the concurrence of IFD Vide their Concurrence Dy. No.5949 IFD 2020-21 dated the 19.03.2021.

(Dr. SHUBHA PANDEY)
Scientist "D"/NGP Division

डॉ. शुभा पाण्डेय / Dr. SHUBHA PANDEY
वैज्ञानिक 'डी' / Scientist 'D'
विज्ञान और प्रौद्योगिकी विभाग
DEPTT. OF SCIENCE & TECHNOLOGY
भारत सरकार / Govt. of India
नई दिल्ली-110016 / New Delhi-110016

To
PAO, DST, New Delhi

Copy for information and necessary action to:-

1. Director of Audit (CW & M-II), Indraprastha Estate, AGCR Building, New Delhi
2. Copy with a spare copy of the sanction to the Drawing and Disbursing Officer, DST, Cash Section for making necessary payment.
3. IFD Division, DST, New Delhi.
4. Accounts Section, DST, New Delhi.
5. Sanction Folder.
6. Dr. K. Nagamani, Sathyabama Institute of Science and Technology, Jeppiaar NAGAR, Chennai, Tamil Nadu- 600119.
7. The Head, NGP Division, DST, New Delhi

(Dr. SHUBHA PANDEY)
Scientist "D"/NGP Division

डॉ. शुभा पाण्डेय / Dr. SHUBHA PANDEY
वैज्ञानिक 'डी' / Scientist 'D'
विज्ञान और प्रौद्योगिकी विभाग
DEPTT. OF SCIENCE & TECHNOLOGY
भारत सरकार / Govt. of India
नई दिल्ली-110016 / New Delhi-110016

254

2021 - (6)

CO/A/FP/G38/2020
Government of India
Ministry of Science & Technology
Department of Science & Technology
(NCSTC Division)

Technology Bhavan, New Delhi
Dated:30/09/2021

ORDER

Subject: Dst-Sathyabama Health Communication Programme – Yash (TPN / 52316) by PI- Dr. Ganesh Kumar V, Sathyabama University, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road,Near, Semmanchery Chennai- 600119

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 11,00,000/- (Rupees eleven lakhs only) for a duration of 1 Year. The detailed breakup of the grant for General as are given below:

S.no.	Particulars	Amount in Rs.
A	**Events of Organization**	
1	Personal Sanitizer kit and study material @ 280 * 100 (No) 2 days	56,000/-
2	Breakfast & snacks 100 *100 (2 days)	20,000/-
3	Lunch for 100 students @ Rs.100 * 100 for 2 days	20,000/-
4	Honorarium for Project Volunteers (6) 1000 x 6 (2 days)	12,000/-
5	TA/DA for resource persons (5) @Rs.3000 X 5 (No) (2 days)	30,000/-
6	Advertisement Charges (Local publicity & Social Media)	42,000/-
7	Honorarium Resource Person doctors/health experts - @ Rs.3000 X 4 (2 days)	24,000/-
8	Renting of Equipment AU & AV equipment	20,000/-
9	Photography / Videography /photocopy	25,000/-
10	Documentation Charges, Printing and Pamphlets	30,000
11	Contingency unforeseen expenditure	12,000/-
12	Prize money for YASH competition – Drawing , Science Quiz and Project exhibition (health care) (1st Prize –Rs.10,000, 2nd prize – Rs.5,000/- 3rd Prize-3,000/-) Rs.18,000 * 2	36,000/-
13	Inaugural programme expenses banners hospitality	35,000/-
14	YASH - Science awareness short videos – less than 10 minutes (A/V mixing and editing with information charges) @Rs.9000/- 5X9000	45,000/-
15	YASH – Health (COVID-19) awareness short videos & expert lectures (A/V mixing and editing with information charges) @ Rs.9,000/- 5 X 9000/-	45,000/-
B	**Travel**	
1	Hiring charges of 3 Buses @ 8,000 for 2 Days	48,000/-
	Total	5,00,000/-
	Overhead 10 %	50,000/-
	Total	5,50,000/-
	Total for 2 programme = 2 x 5,50,000/-	11,00,000/-

2. The sanction of the President is also accorded to the release of Rs.8,80,000/- (Rupees eight lakh eighty thousand only) Sathyabama University, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road,Near, Semmanchery Chennai- 600119, being the first installment of grant under "General Component" for implementation of the above mentioned project.

3. The project implementation must adhere to the Guidelines/SOPs/Office Orders, etc. from Central Govt. or State Govt. agencies as applicable from time to time.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7. The grant-in-aid being released is subject to the condition that
(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital asset sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organizatio immediately on receipt of the grant:
(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission c supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFI 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

8. The grant organization will maintain separate audited account for the project and the entire amount of grant will be ke in an interest bearing account. For grant released during F.Y. 2017-18 and onwards, all interest and other earnings again released grant shall be remitted to Consolidated Fund of India (through Non Tax Receipt Portal (NTRP), i. www.bharatkosh.gov.in), Immediately after finalization of accounts, as it shall not be adjusted towards future release Grant. A certificate to this effect shall have to be submitted along with statement of Expenditure / Utilization Certificate f considering subsequent release of grant /Closure of Grant /Closure of project accounts.

9. Rule 230. (17) (i) As a precondition to the sanction of Grants-in-aid to the agencies where:
(a) the recipient body employs more than twenty persons on a regular basis and at least fifty per cent of its recurri expenditure is met from Grants-in-aid from Central Government; and
(b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-a of Rupees twenty lakhs and above from the Consolidated Fund of India;

the Grant sanctioning authority should ensure that a suitable clause is invariably included in the terms and conditic under which the Grants-inaid are given, to provide for reservation for Scheduled Castes and

Scheduled Tribes or OBC in posts and services under such organizations or agencies. The relative provision may be the following lines :-
" Sathyabama University, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road,Ne Semmanchery Chennai- 600119" agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in posts or services under its control on the lines indicated by the Government of India".
(ii) While sanctioning Grants-in-aid to Institutions or Organisations referred to in (a) above, the Grant sanctioning auth should keep in view the progress made by such Institutions or Organisations in employing Scheduled Castes Scheduled Tribes or OBC candidates in their services.

10. PI/ Coordinator shall not draw any emoluments/ salary/fellowship from any other project either supported by DST c any other funding agency for this project.

11. The grant-in-aid being released is subject to the condition that
(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by Institute/Organisation under the appropriate rules of the grantee organisationi while procuring capital assets sanctione the above mentioned project and a certificate to this effect will be submitted by the Grantee Organisation Immediatel receipt of the grant.
(b) Goods (consumables/equipment) available in GeM portal are to be mandatory procured online through GeM only.
(c) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submissic supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The sanction of this grant is subject to the terms and conditions specified in the Annexure-I enclosed. It is further subject to the following conditions:

i.) That any publicity material/invitation cards/banners/handouts/brouchers etc. brought out and used during the course of the project will have a mentioned in bold letter "Catalysed and supported by National Council for Science & Technology Communication, DST, Government of India, New Delhi"

ii) Information about the programme venue & dates will be given to NCSTC.

iii) Two feedback forms one for resource persons and other for participants will be developed by organization to obtain feedback from them. These will be analyzed and will be sent as part of the project completion report.

iv) On completion of programme UC/SE and PCR will be submitted as per NCSTC format given at our website www.dst.gov.in.

16.The expenditure involved is debitable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodes (Minor Head)
70	:	Innovation, Technology Development and Deployment
70.00.31	:	Grants-in-aid General for the year 2021-22 (Plan)
		(Previous: S&T Communication and Popularization- 3425.60.200.08.05.31)

17. The amount of Rs.8,80,000/- (Rupees eight lakhs eighty thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed Sathyabama University, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road,Near, Semmanchery Chennai- 600119.. The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: Sathyabama Institute of Science and Technology Research Account
2. Name of the Bank: Indian Bank
3. Bank Account Number: 6089858032
4. IFSC Code: IDIB0005201
5. Registration on NGO Darpan Portal- Unique Number/ID: TN/2017/0116286

18. As per rule 234 of GFR 2017, this sanction has been entered at S.No. 954 In the register of grant maintained in the Division for the Scheme Innovation, Technology Development and Deployment

19. This issues with the concurrence of IFD Vide their Concurrence Dy.No.**2503**/IFD/2021-22 dated the **30/09/2021**

20. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

(A.B.P. Mishra)
Scientist 'E'
Tel. No. 26590325

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (three copies)
2. IFD/Budget & Accounts Section
3. The Principal Director of Audit (Science Department), III Floor, AGCR Building, I.P. Estate, New Delhi-110002
4. Scientist G (Head, NCSTC)/Sanction Folder/Data Entry Folder.
5. Principal
   Sathyabama University,
   Sathyabama Institute of Science and Technology,
   Jeppiaar Nagar, Rajiv Gandhi Road,Near,
   Semmanchery Chennai- 600119

(A.B.P. Mishra)
Scientist 'E'
Tel. No. 26590325

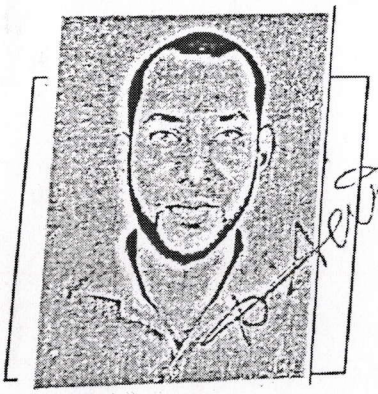
2021-2022

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
HUMAN RESOURCE DEVELOPMENT GROUP
(EXTRAMURAL RESEARCH DIVISION)

UNDERTAKING BY A RESEARCH FELLOW/ ASSOCIATE ON ACCEPTANCE OF THE AWARD OF RESEARCH FELLOWSHIP/ ASSOCIATESHIP

I MANIGANDAN V Son/Daughter/Wife of Shri VAJRAVELU resident of PERIYAVELIKADU VILLAGE have been awarded the Junior/Senior Research Fellowship/ SPM Fellow/Research Associateship/CSIR-Nehru PDF of the Council of Scientific & Industrial Research (hereinafter called Council). I accept the award and undertake that:

I. During the entire tenure of the Fellowship/Associateship, I shall abide by the rules and regulations of the Council. Any change in rules and regulations by the Council in future will be applicable to me.
II. I shall devote full time to research during the tenure of Fellowship/Associateship except as provided in the rules.
III. I shall obtain the approval of the Council before accepting any award or allowance, if offered to me during the tenure of Fellowship/Associateship.
IV. I shall prepare the progress report of my work of at the end of each year and communicate it to the Council through the Guide / Supervisor / Faculty Member.
V. I shall send two copies of a detailed consolidated report of research work through the Supervisor on termination of the Fellowship / Associateship.
VI. I also hereby declare that if the results of research are such that can be exploited commercially by taking a patent or otherwise commercial exploitation and patent rights will be decided/governed as per the rules for Fellowships/Associateships on Patents available on www.csirhrdg.res.in.
VII. I have gone through CSIR Terms & Conditions & have clearly understood that the fellowship is for a fixed period / tenure of 2/3/4 Years for JRF/SRF i.e. a total of 5 Years for JRF+SRF and for Research Associates, initially for a period of one year, extendable on yearly basis at the discretion of CSIR upto a maximum of three years. For CSIR Nehru PDF, the tenure is 2 years whereas the tenure for SPM Fellow is 5 years.
VIII. **I further understand clearly that I shall have no claim whatsoever for regular / permanent absorption on expiry of Fellowship / Associateship.**



02/07/2021

Signature of the Research Fellow/Associate with date

Name of Supervisor/guide: D.D.ADHAVAN

Email address of Supervisor/guide: adhavmarine@gmail.co

Signature of Supervisor/guide: with Official Seal & Date

D. Adhavan, Ph.D.
Scientist
Center for Climate Change Studies
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Chennai - 600 119. T.N.

I report myself on duty as Junior/Senior Research Fellow/SPM Fellow/Research Associate/CSIR-Nehru PDF in the Forenoon/ Afternoon of 02.07.2021 (Date) at Centre for climate change studies (Name of Department) of Sathyabama Institute of Science & Technology (Name of University / Institute / College). In JRF/SPMF cases, date of joining will be the date of issue of JRF (NET) certificate or effective date of fellowship or actual date of joining whichever is later. Without receiving NET certificate from Examination Unit, the candidate cannot join and the joining report in such cases will not be accepted.

02/07/2021

Signature of the Research Fellow/Associate with date

2/2/21.

Signature of the Head of the Deptt. / Dean/Dean of the Faculty/Registrar with Official Seal & Date

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,

Council of Scientific & Industrial Research
Human Resource Development Group
(CSIR Complex, Opp. Institute of Hotel Management, Library Avenue, Pusa, New Delhi-110012)

ACK. No.: 332481/2K19/1
FILE No. : 09/1205(0004)/2020-EMR-I

Dated: 18/3/21

MANIGANDAN VAJRAVELU
NO 94, FIRST STREET, PERIAVELIKADU,
PAVUNJUR POST, KANCHEEPURAM DISTRICT
NA
KANCHEEPURAM-603312

Award Letter

Sir/Madam,

With reference to your application and subsequent interview, I am happy to inform you that you have been selected for the award on the terms and conditions (as mentioned in the Hindi Version). The award will be effective from the date mentioned above or from the date of joining research **whichever is later**. The duration of CSIR SRF, SRF (Extended) and Research Associate is as mentioned in the Hindi version. This award letter is valid only for the institute as given in the table of Hindi version of the award letter. If any recipient of the fellowship/associateship joins in an institute other than the one given in the Hindi Version of the award letter, this award letter will automatically be deemed cancelled.

Any further extension is at the discretion of CSIR, based on a three member Assessment Committee Report & Annual Progress Report. A copy of Terms & Conditions of CSIR Fellowship/ Associateship is available on HRDG website (http://www.csirhrdg.res.in). In case, the terms & conditions are acceptable to you, you may join the Fellowship/Associateship within the validity period under intimation to this office.

The Director General, CSIR has also been pleased to sanction the Stipend and Contingency as stated above. In addition to Stipend & Contingency, House Rent Allowance will be payable as per rules of the host Institute. In no case, it will exceed the rates payable to Central Govt. employees.

Please note that the validity of the award is for **six months** only from the effective date of award.

The award of CSIR Fellowship / Associateship does not imply any assurance or guarantee to subsequent employment by CSIR.

Yours faithfully,

SECTION OFFICER
(011-25842074)

Copy to :-

1. Registrar/Principal/Director, with the request to send the following documents to this office.
(A) Joining Report in the enclosed prescribed from.
(B) Undertaking in the enclosed prescribed form.
2. Sr. F&AO (EMR). The expenditure will be debitable to the Budget Head 'P-81-101'.
3. Bill File.
4. Office Copy.

- P.T.O.-

* You are kindly advised to visit the HRDG (CSIR) website (www.csirhrdg.res.in) for rules/regulations governing the CSIR fellowship/associateship. You are also advised to submit Annual Progress Report alongwith other requisite documents well in time. Noncompliance of CSIR norms for submission of annual progress report alongwith other requisite documents within six months after completion of yearly tenure may result in termination of fellowship/associateship.

वैज्ञानिक तथा औद्योगिक अनुसन्धान परिषद
(मानव संसाधन विकास समूह)
(सीएसआईआर कॉम्प्लेक्स, लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली - 110012)

ACK. No.: 332481/2K19/1 दिनांक: 18/3/21
फाइल संख्या: 09/1205(0004)/2020-EMR-I
MANIGANDAN VAJRAVELU
NO 94, FIRST STREET, PERIAVELIKADU,
PAVUNJUR POST, KANCHEEPURAM DISTRICT
NA
KANCHEEPURAM-603312

अवार्ड पत्र

अध्येतावृत्ति (फेलोशिप) का नाम	RA [Intially for the period of .....One.....yrs]
मासिक वृत्तिका (स्टाइपंड)	Rs. 47000 /-
लागू होने की तारीख	1st April 2021
अन्य	CENTER FOR CLIMATE CHANGE STUDIES, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
कुल वृत्तिका (स्टाइपंड) एवं आकस्मिकता (कन्टिजेंसि) राशि	Stipend 564000 + Contigency 20000 = Total 584000 /-

महोदय/महोदया,

आपके आवेदन पत्र तथा तदुपरांत हुए साक्षात्कार के संदर्भ मे आपको सूचित करते हुए मुझे प्रसन्नता हो रही है कि उपर्युक्त निबंधन एवं शर्तो के अनुसार अवार्ड के लिए आपका चयन किया गया है। यह अवार्ड ऊपर दी गई तारीख अथवा अनुसन्धान कार्य प्रारंभ करने की तारीख, जो भी बाद में हो,से लागू होगा। सीएसआईआर एसआरएफ तथा अनुसन्धान एसोसिएट की अवधि की अवधि ऊपर दी गई है।

यह अवार्ड पत्र केवल ऊपर दिए संस्थान के लिए ही वैध है और यदि कोई अध्येवृत्ति प्राप्तकर्ता किसी अन्य संस्थान में सेवाभार ग्रहण करता है तो यह अवार्ड पत्र स्वतः निरस्त हो जाएगा ।

इसमें किसी भी प्रकार का विस्तार तीन सदस्यीय मूल्यांकन समिति की रिपोर्ट तथा वार्षिक प्रगति रिपोर्ट के आधार पर सीएसआईआर के विवेकानुसार किया जाएगा। सीएसआईआर अध्येतावृत्ति (फेलोशिप)/एसोसिएटशिप के निबंधन एवं शर्तो की प्रति एचआरडीजी की वेबसाइट (http//www.csirhrdg.res.in) पर उपलब्ध है । यदि यह निबंधन एवं शर्ते आपको स्वीकार हों तो आप इस कार्यालय को सूचित करते हुए वैधता अवधि के भीतर ऊपर दी गई लागू होने की तारीख से फेलोशिप/एसोसिएटशिप का कार्यभार ग्रहण कर सकते हैं।

महानिदेशक, वैज्ञानिक तथा औद्योगिक अनुसन्धान परिषद (सीएसआईआर), ने भी उपर्युक्त वृत्तिका (स्टाइपंड) एवं आकस्मिकता (कन्टिजेंसि) राशि के लिए स्वीकृति प्रदान कर दी है। वृत्तिका एवं आकस्मिकता राशि के अलावा मकान किराया भत्ता मेजबान संस्थान के नियमानुसार देय होगा । किसी भी मामले में यह मकान किराया भत्ता केन्द्र सरकार के कर्मचारियों को अदा की जा रही दरों से अधिक नही होगा ।

कृपया नोट करें कि इस अवार्ड की वैधता, अवार्ड लागू होने की तारीख से केवल छः माह के लिए ही है।

सीएसआईआर अध्येतावृत्ति (फैलोशिप)/एसोसिएटशिप प्रदान किये जाने का आशय सीएसआईआर द्वारा बाद मे रोजगार दिए जाने के लिए किसी प्रकार का कोई आश्वासन अथवा गारंटी देना नही है।

भवदीय,

अनुभाग अधिकारी

प्रति:-
(1) कुल सचिव(रजिस्ट्रार)/प्रधानाचार्य/ निदेशक(CENTER FOR CLIMATE CHANGE STUDIES, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI) इस अनुरोध के साथ कि निम्नांकित दस्तावेज इस कार्यालय को भेजे।
(क) संलग्न निर्धारित प्रपत्र मे कार्यभार ग्रहण रिपोर्ट
(ख) संलग्न निर्धारित प्रपत्र मे वचनबद्धता
(2) वैज्ञानिक (ई. एम. आर.)
(3) वित्त एवं लेखा अधिकारी (ई. एम. आर.) - यह व्यय बजट शीर्ष पी-81 101 से किया जाएगा।
(4) बिल फाइल
(5) कार्यालय प्रति
*महत्वपूर्ण: कृपया पृष्ठ उलटिए

Declaration by the Research Fellow/Associate

I, Shri/Mrs/Kumari/Dr ...V. Manigannan... declare as under:

1. That as a recipient of the Council's Fellowship/Associateship, I shall be governed by the disciplinary regulations of the host institute where I have proposed to avail the CSIR fellowship/associateship for pursuing my doctoral/postdoctoral research work.
2. That I have never been punished or debarred from government (central/state), autonomous organization and CSIR service.
3. That my fellowship will be liable to cancellation for any kind of misconduct.

02/07/2021

{Signature of the Research Fellow/Associate}

SB/S9/Z-03/2017-XIV (2020-21)

Science and Engineering Research Board

(A Statutory Body under Department of Science and Technology)

3rd & 4th Floor, Block – II,
Ministry of Science and Technology,
Technology Bhawan, New Mehrauli Road
New Delhi - 110 016

Dated **12.01.2022**

ORDER

Subject: - Third edition of *SERB Purdue University Overseas Visiting Doctoral Fellowship 2020-21* Supported by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India and Purdue University, West Lafayette, USA – Release of grant to Mr. Karthikeyan Subbiaha Nadar Chelladurai, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119.

Approval of the Science and Engineering Research Board (SERB) is hereby accorded for the award of SERB Purdue University Overseas Visiting Doctoral Fellowship 2020-21 to Mr. Karthikeyan Subbiaha Nadar Chelladurai, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119, at a total cost of **Rs.21,95,282/- (Rupees twenty one lakh ninety five thousand two hundred eighty two only)** to undertake doctoral research at Purdue University, West Lafayette, Indiana, USA under the guidance of Dr. Jennifer L. Freeman for a duration of twelve months from the date of joining at Purdue University, USA. The approval includes: -

i. Monthly Fellowship equivalent to USD 2000 per month.
ii. Return Airfare in Air India by economy class and shortest route from student's place of work in India to Purdue University, West Lafayette and back.
iii. Preparatory Allowance/Contingency grant up to Rs. 60,000/- to cover visa fee, airport transfer charges, medical insurance etc.

2. Sanction of SERB is also accorded for the payment of a sum of **Rs.6,71,641/- (Rupees six lakh seventy one thousand six hundred forty one only)** to Mr. Karthikeyan Subbiaha Nadar Chelladurai, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu-600119 which includes one time contingency grant of Rs. 60,000/-, onward journey fare of Rs.1,55,641/- and three month fellowship of Rs.4,56,000/-.

3. Sanction of the grant is subject to the availability of funds, satisfying the eligibility, terms, and conditions as specified by SERB from time to time and Memorandum of Understanding between Purdue University, USA and SERB, India.

4. The sanction has been issued with the approval of the competent authority in SERB vide Dy. No. SERB/F/7208/2021-22 dated 12.01.2022.

5. The expenditure involved is debitable to
Grants-in-aid for the year 2021-2022 (**Plan Expenditure - General**)
This release is being made under **Overseas Visiting Doctoral Fellowship Scheme**.

6. The selected fellow while taking up the SERB-Purdue University Visiting Doctoral Fellowship should not draw his regular research fellowship in India.

Cont..2/-

7. The amount of **Rs. 6,71,641/- (Rupees six lakh seventy one thousand six hundred forty one only)** will be drawn by the Under Secretary of the Board; out of which

i) **Rs. 4,56,000/-** will be disbursed to The Registrar, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119 by means of RTGS transaction as per Institute account details given below:

PFMS Unique ID	SU
Bank Name	Indian Bank
Branch Name	Sathyabama Institute of Science and Technology
Account Name	Sathyabama Institute of Science and Technology- RESEARCH
Account Number	6089858032
IFSC Code	IDIB000S201

and

ii) **Rs.2,15,641/-** will be disbursed to Mr. Karthikeyan Subbiaha Nadar Chelladurai, by means of RTGS transaction as per his account details given below:

PFMS Unique ID	VAININ00399881
Bank Name	Indian Bank
Branch Name	Nagerkoil (261)
Account Name	S C Karthikeyan
Account Number	922751303
IFSC Code	IDIB000N006
Email of the Grantee	karthi8990@gmail.com

8. Mr. Karthikeyan Subbiaha Nadar Chelladurai will furnish to SERB a statement of account pertaining to the utilization of onetime contingency grant /preparatory allowance up to a maximum of Rs.60,000/- and send onward fare details supported by Boarding Pass and other documents on reaching Purdue University, USA. Mr. Karthikeyan Subbiaha Nadar Chelladurai will also furnish joining report duly endorsed by the Faculty/Competent authority of Purdue University.

9. Sathyabama Institute of Science and Technology, Chennai should ensure the timely transfer of the grant received under this programme to Mr. Karthikeyan Subbiaha Nadar Chelladurai for undertaking the fellowship.

10. The awardee shall submit the final account details and technical report as per format to SERB immediately after the fellowship duration is over.

11. The Indian Institute will maintain separate audited accounts for the fellowship. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to SERB.

12. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

13. The Institute will furnish to the SERB, Utilization Certificate and Statement of Expenditure pertaining to the grant as per SERB format.

Cont..3/-

14. After completion of the fellowship unspent balance if any should be returned as Demand Draft drawn in favor of "Fund for Science and Engineering Research" payable at New Delhi.

(Dr. Praveen Kumar S)
Scientist `F`

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, III Floor, A.G.C.R Building, I.P Estate, New Delhi – 110002.
2. Under Secretary, SERB (2 copies)
3. **Mr. Karthikeyan Subbiaha Nadar Chelladurai**
   Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119
   Email: karthi8990@gmail.com
4. **Dr. S. Jackson Durairaj**
   Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119
   Email: jacksondurairaj@sathyabama.ac.in
5. **The Registrar**
   Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu- 600119
   Email: provc@sathyabama.ac.in
6. **Ms. Heidi Arola**
   Managing Director of Global Partnerships
   India Engagement Coordinator,
   Office of Corporate and Global Partnerships
   Purdue University, West Lafayette, USA
   Email: harola@purdue.edu
7. Sanction folder SERB
8. SERB Secretariat

(Dr. Praveen Kumar-S)
Scientist `F`

(9)

No. BT/PR34231/AI/133/20/2019
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)
CGO Complex, Lodhi Road,
New Delhi- 110 003
Date:06.01.2021

RELEASE ORDER

In continuation of this Department's sanction order of even number dated 06.01.2021 sanction of the President is hereby accorded, under Rule18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **859872/-** (Rupees Eight Lakhs Fifty Nine Thousand Eight Hundred and Seventy Two Only) being the first year release for the project entitled **"DETECTION OF PCOS USING ARTIFICIAL INTELLIGENCE BASED ALGORITHMS ",** being implemented by: Dr. Wilson Santhoshkumar Aruni, Sathyabama Institute of Science And Technology, JEPPIAR NAGAR, old Mamallapuram Road Chennai, Tamilnadu.

The detailed break-up is as given below:

SN	Institute Name	Non Recurring		Total Release Amount (Rs)
		Equipment	Other	
1	Sathyabama Institute of Science And Technology Chennai	859872.00	0.00	859872.00

2. The amount of Rs. **859872/-(Rupees Eight Lakhs Fifty Nine Thousand Eight Hundred and Seventy Two Only)** will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

The Registrar, Sathyabama Institute of Science And Technology, JEPPIAR NAGAR, old Mamallapura Road Chennai - 600119, Tamilnadu

Bank Name : INDIAN BANK
Branch Name : SATHYABAMA UNIVERSITY BRANCH
A/c No. : 6089858032
IFSC Code : IDIB000S201
MICR Code : 600019229

3. The expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

4. The Registrar, Sathyabama Institute of Science And Technology, Chennai, Tamilnadu will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
5. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

डॉ. शाहाज उद्दीन अहमद / Dr. S.U. AHMED
वैज्ञानिक 'ई' / Scientist 'E'
जैव प्रौद्योगिकी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Generated through eBmMIS

7. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so earned will be refunded to the Consolidated Fund of India in Compliance with Rule 230(08) of GFR 2017.
8. The Continuation of the project beyond 31.03.2021 will be subject to appraisal to approval of the DBT umbrella scheme on 'Biotechnology Research & Development' for continuation in the 15th Finance Commission period.

B. The equipment sanctioned under the project should be purchased within **12 months** from the date of release of the grant.

C. The Expenditure is to be made as per the EAT module of the Government of India.

D. Any further grant release in the project would also be subject to Utilization Certificate updates in PFMS.

E. This is 1st year release of grant. No Utilization certificate is due for rendition.

F. In case the whole or part of the amount of the Grants for Creation of Capital Assets is being refunded, an interest rate of ten percent thereon shall be recovered.

G. Quarterly deliverables in the project, in quantifiable terms have to be provided for each quarter of the project, based on which, inter-alia, monitoring/review of the project will be done and proposal for release of subsequent installment will be considered.

The other terms and conditions governing the financial sanction will remain unaltered.

9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/1562/2020-2021** dated **November, 27 2020.**

10. This sanction order has been noted at serial no. 54 in the Register of Grants.

(Dr. S U Ahmed)
Scientist 'E'
डॉ. शाहाज [illegible] AHMED
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Registrar of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 The Registrar, Sathyabama Institute of Science And Technology, JEPPIAR NAGAR, old Mamallapuram Road, Chennai - 600119, Tamilnadu
3 Dr. Chitra P, Associate Professor, Electronics and Communication Engineering, Sathyabama Institute of Science And Technology, JEPPIAAR NAGAR, OMR, Chennai - 600119, Tamilnadu.
4 Dr. Sumathi Manickam, Professor, Electronics and Communication Engineering, Sathyabama Institute of Science And Technology, JEPPIAAR NAGAR, OMR, Chennai - 600119, Tamilnadu
5 Dr. Wilson Santhosh kumar Aruni, Professor, Department of Biotechnology, Sathyabama Institute of Science And Technology, JEPPIAR NAGAR, old Mamallapuram Road, Chennai - 600119, Tamilnadu
Cash Section, DBT (2 copies).
Sanction Folder.
File Copy.

(Dr. S U Ahmed)
Scientist 'E'
डॉ. शाहाज [illegible] AHMED
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech
भारत सरकार, नई दिल्ली / Govt. of India, N. De

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CO/A/FP/E132/2021
Government of India
Ministry of Science & Technology
Department of Science & Technology
(NCSTC Division)

Technology Bhavan, New Delhi
Dated 28/03/2022

ORDER

Subject: Exhibition On Science and Technology in Chennai, Chengalpattu and Kanchipuram, Tamil Nadu (TPN / 70790) by PI- Dr. T Sasipraba, Sathyabama Institute of Science and Technology (Under Sathyabama Educational Trust), Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119, Tamilnadu

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 23,52,000/- (Rupees twenty three lakhs fifty two thousand eight hundred fifty only) for a duration of 9 months. The detailed breakup of the grant for General as are given below:

S.no.	Particulars	Amount in Rs.
	Events of Organization	
1	Tent, Stall, Chairs, Tables & other venue arrangements etc. (@ Rs.65000 x 3days)	1,95,000/-
2	Lodging & Boarding Expenditure for Outside Resource Person and Programme coordination Team (@ Rs.2000 X No. 15 x 3 days)	90,000/-
3	Honorarium for 15 Resource Person (@ Rs.1500 X No. 15 X 3 days)	67,500/-
4	Cost of resource Material and Kit	25,000/-
5	Volunteers/ Support Staff (@ Rs.500 X No. 10 X 4 days)	20,000/-
6	Printing of pamphlets on various theme for distribution	25,000/-
7	Hiring of Vehicles for Resource Persons and local arrangements (@ Rs.2500 x No. 3 X 3 days)	22,500/-
8	Hiring of labours, security guards - 24 hours (@ Rs.3000 X 3 days)	9,000
9	Decoration, refreshments and hospitality to VIP, VVIP and other guests/ support staff & Resource Persons and Participants	1,00,000/-
10	Transportation charges for Project display	10,000/-
11	Banners, Stationery, Prize, Certificate, Photocopy, Photography & Videography	1,10,000/-
12	Contingency & Miscellaneous (Report preparation, correspondence, telephone, typing, accounting & unforeseen expenses, etc.)	50,000/-
	Travel	
1	T.A./D.A. for outside resource person (@ Rs.4000 per person II AC/ or as per actual X No. 15)	60,000/-
	Total	**7,84,000/-**
	Total for 3 programme = 3 x 7,84,000/-	**23,52,000/-**

2. The sanction of the President is also accorded to the release of Rs.18,80,000/- (Rupees eighteen lakhs eighty thousand only) to Sathyabama Institute of Science and Technology (Under Sathyabama Educational Trust), Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119, Tamilnadu, being the first installment of grant under "General Component" for implementation of the above mentioned project.

3. The project implementation must adhere to the Guidelines/SOPs/Office Orders, etc. from Central Govt. or State Govt. agencies as applicable from time to time.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilizaton Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant;

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of support documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequ release of grants under the project shall be considered only on receipt of the said documents.

8. The grant organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For grant released during F.Y. 2017-18 and onwards, all interest and other earnings against released grant shall be remitted to Consolidated Fund of India (through Non Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of Expenditure / Utilization Certificate for considering subsequent release of grant /Closure of Grant /Closure of project accounts.

9. Rule 230. (17) (i) As a precondition to the sanction of Grants-in-aid to the agencies where
(a) the recipient body employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government, and
(b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees twenty lakhs and above from the Consolidated Fund of India;
the Grant sanctioning authority should ensure that a suitable clause is invariably included in the terms and conditions under which the Grants-inaid are given, to provide for reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services under such organizations or agencies. The relative provision may be on the following lines :-
"Manvi Society for Social Change, Pocket-10, House no-258 LIG Flat, Nasir pur Dwarka New Delhi-45" agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
(ii) While sanctioning Grants-in-aid to institutions or Organisations referred to in (a) above, the Grant sanctioning authority should keep in view the progress made by such Institutions or Organisations in employing Scheduled Castes and Scheduled Tribes or OBC candidates in their services.

10. PI/ Coordinator shall not draw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency for this project.

11. The grant-in-aid being released is subject to the condition that
(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the institute/Organisation under the appropriate rules of the grantee organisation) while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee Organisation immediately on receipt of the grant.
(b) Goods (consumables/equipment) available in GeM portal are to be mandatory procured online through GeM only.
(c) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. Hiring of buses may be regulated as per concerned State Government Transport Department norms.

16. The sanction of this grant is subject to the terms and conditions specified in the Annexure-I enclosed. It is further subject to the following conditions:
i.) That any publicity material/invitation cards/banners/handouts/brouchers etc. brought out and used during the course of the project will have a mentioned in bold letter "Catalysed and supported by National Council for Science & Technology Communication, DST, Government of India, New Delhi"
ii) Information about the programme venue & dates will be given to NCSTC.
iii) Two feedback forms one for resource persons and other for participants will be developed by organization to obtain feedback from them. These will be analyzed and will be sent as part of the project completion report.
iv) On completion of programme UC/SE and PCR will be submitted as per NCSTC format given at our website www.dst.gov.in

17. The expenditure involved is debitable to Demand No.88, Department of Science & Technology for the year 2021-22.

3425	:	Other Scientific Research (Major Head)
60	:	Others
789	:	Schedule Caste Component
16	:	Innovation, Technology Development and Deployment
15.00.31	:	Grants-in-aid General for the year 2021-22
		(Previous: SEED-SCSP- 3425.60.789.01.01.31)

18. The amount of Rs 18,80,000/- (Rupees eighteen lakhs eighty thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Sathyabama Institute of Science and Technology (Under Sathyabama Educational Trust), Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119, Tamilnadu. The bank details for electronic transfer of funds through RTGS are given below: -

1. Name of the Account Holder: **Sathyabama Institute of Science and Technology**
2. Name of the Bank: Indian Bank
3. Bank Account Number: 6069958032
4. IFSC Code: IDIB000S201
5. Registration on NGO Darpan Portal- Unique Number/ID: TN/2017/0116286

19. As per rule 234 of GFR 2017, this sanction has been entered at S.No. 27 in the register of grant maintained in the Division for the Scheme Innovation, Technology Development and Deployment.

20. This issues with the concurrence of IFD Vide their Concurrence By.No. **5228**/IFD/2021-22 dated the **25/03/2022**

21. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

(A.B.P. Mishra)
Scientist 'E'
Tel. No. 26590325

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (three copies)
2. IFD/Budget & Accounts Section
3. The Principal Director of Audit (Science Department), III Floor, AGCR Building, I.P. Estate, New Delhi-110002
4. Scientist G (Head, NCSTC)/Sanction Folder/Data Entry Folder.
5. Secretary
   Sathyabama Institute of Science and Technology
   (Under Sathyabama Educational Trust),
   Jeppiaar Nagar, Rajiv Gandhi Salai,
   Chennai – 600119, Tamilnadu

(A.B.P. Mishra)
Scientist 'E'
Tel. No. 26590325

(11)

भारतीय गैर न्यायिक

एक सौ रुपये

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ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

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CE 751859

13/11/21 SIST

L.No. 1481/21/94
A.T. VIJAYAKUMAR
STAMP VENDOR
1, West Karikalan Street,
Adambakkam, Chennai-88

AGREEMENT

This Agreement is executed at New Delhi on this Thirtieth day of November, Two Thousand Twenty-One (2021),

between

The **Technology Information, Forecasting and Assessment Council,** hereinafter referred to as the **TIFAC**, which is a society registered under the societies Registration Act XXI of 1860 having its registered office at Vishwakarma Bhawan, A-Wing, Shaheed Jeet Singh Marg, New Delhi-110016

and

Sathyabama Institute of Science and Technology (SIST) Established under Sec.3 of UGC Act, 1956 hereinafter referred to as the TIFAC Academic Partner (TAP) and having its registered office at Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamil Nadu, INDIA.

Dr. S. SASI, M.B.A., Ph.D.
REGISTRAR
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

B. Shuka Rao

WHEREAS the TIFAC has evolved a Scheme in which Center will be established at such academic institutions/organizations of academic eminence in the field of S&T and innovations across India for providing technology information and intervention support to the MSMEs under "Atma Nirbhar Bharat". This Center will be known as TAP (TIFAC Academic Partners) and will provide technology mapping requisite skilling/technology demonstration etc. to nearby different MSME clusters.

WHEREAS the TIFAC has selected SIST as one of the TAP Center which will provide mapping of technologies of proximate technological homogenous MSME clusters and also provide requisite skilling/technology demonstration, transfer and absorption to the Cluster under TAP Scheme.

WHEREAS the TAP has agreed to collaborate with TIFAC to implement the above mentioned Scheme and it is agreed that their collaboration would be mutually beneficial with the following objectives:

Objectives:

a) Creation of a platform for establishing interaction between academia and MSME industries on a mutually win-win basis towards identifying the technological gap areas.
b) Establishing a platform for the MSME cluster industries to access R&D and technical support leveraging the knowledge base of faculty and knowledgeable human resource in the form of students from technical institutions.
c) Providing hands on engagement and practical experience to the students and faculty on existing technical challenges in the industry and nurturing an innovation ecosystem that benefits both the industry as well as the technical institution.

WHEREAS in consideration of TIFAC agreeing to provide grants-in-aid for fulfilling the objectives of the scheme on the mutual covenants hereinafter contained, the parties hereto agree as follows:

1.0 The Role and Responsibilities and Deliverable of the *SIST* would be as follows:

1.1 Role and Responsibilities

i) Reaching out to proximate technologically homogenous MSME clusters.

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Chennai - 600 119.

B. Shule Rai

ii) Assessing technology needs of such MSMEs, especially in context of local strengths and requirements with respect to becoming "Atma Nirbhar".

iii) Exposure of MSMEs to current technologies and global competitive manufacturing practices.

iv) Requisite Skilling of people and capacity building.

v) Hand holding & mentoring towards absorption and adoption of technology.

vi) Organizing Awareness and undertaking requisite capacity building.

vii) Aligning its initiatives with those of Skill India and Make in India towards pursuing the larger pool of "Atma Nirbhar Bharat"

1.2 Deliverables: (Yearly in III stages)

1.2.1 Step I- duration three months from the date of transfer of funds by TIFAC

a) Carrying out Orientation Program.
b) Identification of three technologically homogeneous MSME clusters in the nearby areas/state for taking up technology mapping.
c) TAP to seek approval of TIFAC before taking up detailed technology mapping of the three clusters.

1.2.2 Step II – Duration six months after receipt of TIFAC's approval for taking up of three clusters.

a) Detailed technological mapping of the three clusters
b) Preparation of a requisite technology intervention plan in consultation with the Industry association
c) Preparation of introduction of digital technologies in the cluster towards increasing efficiency
d) To explore the potential of introduction of e marketing platform for the cluster.
e) Presentation of the technology intervention plan including gaps requisite technologies for infusion, requisite skilling and plan for adoption with cost

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B. Shanker Rao

estimates, in a validation workshop in presence of the representatives of the Industry Association and TIFAC scientists.

f) Acceptance of the plan by TIFAC.

1.2.3 Step III- Duration three months

a) Submission of three cluster specific reports

b) Disseminating the recommendations of the report within the cluster.

c) Accordingly prepare technology development proposals and submit to TIFAC.

2.0 Financial Support: TIFAC will provide a grant of Rs. 20.00 (Twenty) lakhs (inclusive of all) per annum to TAP Centre towards sub head as proposed below:-

Budget Sub Head:

S/ No.	Sub Heads	Financial Grants (Rupees in Lakhs)
1.	Providing office space/infrastructure/maintenance	2.00
2.	Project Manpower (One of the level of JRF and one Assistant) & honorarium JRF (DST Norm) @ Rs. 31000/- + HRA per month and Accountant @ Rs. 20000/- per month	9.00
3.	Local Travel and Logistic	1.00
4.	Exposure/Awareness Meeting	4.00
5.	Requisite Advertisement	1.00
6.	Contingency	1.00
7.	Overheads	2.00
	Total	**20.00**

Assistant 2 nos

The annual grant to TAP centre from TIFAC will be limited to the maximum sum of Rs. 20.00 (Twenty) lakhs (inclusive of all) only. No escalation in the annual grant provided to TAP centre will be permitted for any reason what so ever.

2.1 Disbursement of Fund: The parties herein have agreed that the mode of disbursement of funds to the TAP will be as under:

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Chennai – 600 119.

B. Shule Rai

- **1st Installment of Rs. 10 lakh** which will be 50% of the total grant commitment of TIFAC towards the TAP will be released after (a) the Agreement is signed by both parties and (b) furnishing of bank guarantee of Rs. 10 Lakh in favour of TIFAC valid for entire project period in case of private institution.

- **2nd Installment of Rs. 10 lakh** which will be rest 50% of the total grant commitment of TIFAC towards the TAP will be released after six month of its establishment on the basis of satisfactory performance of TAP as reviewed by a duly constituted Committee of TIFAC, utilization of earlier released funds, as well as submission and verification of Utilization Certificate (UC) and Statement of Expenditure (SE) for the 1st installment of the grant.

- **Further grants (for next year) would also be released as per procedure given above for release of 2nd installment.**

2.2 Terms and Conditions

2.2.1 There should not be any deviation from the Budget Heads as approved by TIFAC. In case, if it is very necessary, a request can be made to TIFAC for consideration.

2.2.2 SIST will provide Quarterly progress report giving the progress of work as well as future action plan.

2.2.3 TIFAC will review the technical & financial progress including utilization of the grant on an annual basis with an appropriate mechanism.

2.2.4 SIST to submit a half yearly Utilization Certificate (UC) and Statement of Expenditure (SE) - in the requisite format as per Government of India norms for the funds released to it by TIFAC. Unspent project fund to be adjusted further on or returned to TIFAC as the case may be.

2.2.5 Any assets acquired from the grant will be the property of the TIFAC and should not, without the prior sanction of the TIFAC, be disposed of or encumbered or utilized for purposes other than those for which the grant has been sanctioned.

2.2.6 TIFAC shall have the right to access the book of accounts of the SIST for this support. SIST shall keep amount of the grant in a bank account earning interest. The interest thus earned should be reflected appropriately in the

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Chennai – 600 119.

B. Shule Rai

Financial Statement of each year submitted to TIFAC. The interest thus earned will have to be deposited by SIST in Bharat Kosh.

2.3 Other Terms and Conditions

2.3.1 TAP to open a separate bank account to handle TIFAC's support under this scheme.

2.3.2 TAP to strictly adhere to TIFAC's guidelines for implementing this scheme.

2.3.3 TAP to appoint a responsible and senior official (faculty or non – faculty) for coordinating this scheme. The coordinator of the scheme will be the one point source/contact for all correspondences/communication and will be accountable to TIFAC for all matters related to this scheme.

2.3.4 TAP to work out a proper mechanism for engaging outside experts from other Technical Institutes/Industries/Disciplines if required.

2.3.5 TAP will be responsible for designing and delivery of appropriate technical solutions to the Industry through support from this scheme and also for any subsequent issues arising out of it, if any.

2.3.6 TAP will be the owner of the solution or technology developed.

2.3.7 TAP to appropriately highlight the TIFAC MSME Internship Scheme in all related communications.

3.0 Ownership of IPRs generated

Ownership of the existing IPRs and of the IPRs generated out of the project, patent rights, licensing the know-how and the use of the know-how shall be decided between the TAP and the Industries concerned. TIFAC does not assume any responsibility of disputes arising out of any of the IPR issues.

4.0 Project Monitoring

The TAP Advisory Committee (TAC) constituted by TIFAC to monitor the progress of the TAP. The monitoring functions of the TAC to be as follows:

4.1 Monitoring the progress of TAP and reviewing their work towards technology mapping, skilling and requisite technical support to nearby MSME clusters.

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Chennai - 600 119.

B. Shuba Rao

4.2 Providing time to time guidance to the Centre.

4.3 Recommending disbursement of funds in installments with respect to cost and progress of the project from time to time.

4.4 Recommending continuation of the project and or short closure of the project or recommending on other issues related to project from time to time.

5.0 Amendment of the Agreement

No amendment or modification of this Agreement shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this Agreement. The modification/changes shall be effective from the date on which they are made/ executed unless otherwise is agreed to by both the parties.

6.0 Tenure of the Agreement

The agreement shall be effective from the date of signing of the agreement. If Agreement is signed through circulation by post, the date on which TIFAC signs the Agreement shall be considered as effective. The Agreement shall be valid for a period of **two (2) years**. However, if any / some / all of the ongoing projects / activities undertaken by the TAP are not completed within the given duration, the Academic Partner shall be responsible for their successful completion and settlement of accounts without any additional funds irrespective of the extension of the agreement. In exceptional cases, TIFAC reserves the right to extend the tenure of the Agreement on the recommendations of the TAP Advisory Committee.

7.0 Short closure or Termination

TIFAC reserves the right to short close the scheme or any project with the TAP and terminate the Agreement any time during the agreement period on the ground of under-performance after serving one month written notice to the TAP if TIFAC is convinced that the grant has not been properly utilized or appropriate progress is not being made by the SIST. In the event of such termination no further disbursement shall be made to the SIST and TAP shall be liable to return immediately, the unutilized amount along with State of Expenditure and Utilization Certificate as prescribed within 30 days of such termination.

8.0 Force Majeure

Neither party shall be held responsible for non-fulfillment of their respective obligations under this agreement due to the exigency of one or more of the force majeure events

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such as but not limited to Acts of God, war, flood, earthquakes strike, lockouts, epidemics, riots, civil commotion etc. provided on the occurrence and cessation of any such events, the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force-majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

9.0 Notices

All notices and other communications required to be served on SIST including for violation of the terms and conditions of this Agreement shall be considered to be duly served, if the same shall have been delivered by hand or posted by registered post or speed post or emailed to the party at its address as below.

Name, designation & complete address

Similarly, any notice to be given to the TIFAC shall be considered as duly served if the same shall have been delivered by hand or posted by registered post or speed post or emailed to the TIFAC at its registered office address given below:

In charge (Finance & Administration),
Technology Information, Forecasting and Assessment Council,
A-Wing, Vishawakarama Bhawan,
Shaheed Jeet Singh Marg,
New Delhi – 110 016
Email id: registrar@tifac.org.in

10.0 Dispute Resolution

10.1 In the event of any dispute under this Agreement, the parties shall first attempt to resolve such dispute or differences through the good offices of the Heads of both the parties. If the dispute cannot be resolved amicably within 30 days of the receipt of a written notice to resolve the dispute, then, the unresolved dispute or differences shall be referred for Arbitration consisting of Sole Arbitrator being Secretary of the Department of Science & Technology, Government of India, or that of his / her nominee and the decision of the Sole Arbitrator shall be final and shall be binding on all the Parties. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996, and the rules framed there under for the time being in force.

10.2 The venue of the Arbitration shall be at Delhi.

Dr. B. RAO, M.B.A., Ph.D.,
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Chennai – 600 119.

B. Shula Rai

10.3 Each Party shall bear and pay its own cost of the arbitration proceedings unless the Sole Arbitrator decides otherwise in the award.

10.4 The provision of this clause shall not be frustrated, abrogated or become in-operative, notwithstanding this Agreement expires or ceases to exist or is terminated or revoked or declared unlawful.

10.5 If the TAP does not make any claim or demand or raise any dispute or difference in terms of Sub Clause "10.1" of this Clause within six months from the date on which such claim or demand arises, the TAP shall be deemed to have waived and abandoned such claim or demand or the right to raise such dispute or difference against "TIFAC".

11.0 Jurisdiction

Subject to the Dispute Resolution Clause 10.0 hereof the courts at New Delhi shall have exclusive Jurisdiction in all matters concerning this Agreement including any matter arising out of the arbitration proceedings or any award made therein.

IN WITNESS WHEREOF the parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinabove.

Signed for and on behalf of
(TIFAC Academic Partner's name & seal)

30/11/2021

Signed for and on behalf of
TIFAC,New Delhi

मुकेश माथुर / MUKESH MATHUR
वैज्ञानिक 'एफ' एवं प्रभारी (वित्त एवं प्रशासन) / Scientist 'F' & In-charge (Fin. & Admin.)
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद् (टाइफैक)
Technology Information, Forecasting and Assessment Council (TIFAC)
विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार/Deptt. of Science & Technology, Govt. of India
नई दिल्ली–110016 / New Delhi-110016

Witness (Signature, name, designation & address)

1.

2.

Dr.S.S.RAO, M.B.A., Ph.D.,
REGISTRAR
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

1.

2.

(12)

No. DST/TDT/SHRI-05/2018 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Development & Transfer)

Technology Bhavan, New Delhi
Dated 28.01.2020.

ORDER

Sub: - Financial support for the project entitled **"Assessment of Fungal growth and Heritage protection from fungal bio deterioration by metal nano-materials involved in deterioration of archaeological sites of Puducherry and Mahabalipuram"** by **Dr. Bijaya Kumar Nayak, Assistant Professor, Department of Botany, Kanchi Mamunivar Centre for Post Graduate Studies(KMCPGS), Pondicherry-605008 and Dr. Anima Nanda, Professor, Dept. of Biomedical Engineering, Sathyabama Institute of Science & Technology (SIST), Shollinganallur, Chennai- 119**– Release of the first installment regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 47,32,123/- (Rupees Forty-Seven Lakh Thirty-Two Thousand One Hundred Twenty-Three Only)** for the duration of 3 years. The detailed breakup of the grant is as below:-

Total Project Cost = Rs. 47,32,123/-

Budget for KMCPGS, Pondicherry= Rs. 30,33,823/-
Recurring = Rs.17,80,080/-
Non-Recurring = Rs.12,53,743/-

Budget for SIST, Chennai=Rs. 16,98,300/-
Recurring = *Rs.*13,30,800/-
Non-Recurring = Rs.3,67,500 /-

Recurring Head (Host Institute-I) KMCPGS					
Sl.No	Items	Budget			
		1st Year	2nd Year	3rd year	Total
1.	Manpower *	3,34,080	3,34,080	3,61,920	10,30,080
2.	Consumables	2,00,000	50,000	50,000	3,00,000
3.	Travel	50,000	50,000	50,000	1,50,000
4.	Contingencies	50,000	50,000	50,000	1,50,000
5.	Overhead expenses	50,000	50,000	50,000	1,50,000
	Total	6,84,080	5,34,080	5,61,920	17,80,080

* (1-Project fellow for 2 years @Rs.14,000/- + 16% HRA & @Rs.16,000/- + 16% HRA for 3rd year and 1-Project Assistant @Rs.10,000/- + 16% HRA)

Recurring Head (Host Institute-II) SIST, Chennai					
Sl. No.	Items	Budget (in Rs.)			
		1st year	2nd year	3rd year	Total
1	Manpower **	1,84,800	1,84,800	2,11,200	5,80,800
2.	Consumables	2,00,000	1,00,000	50,000	3,50,000
3.	Travel	50,000	50,000	50,000	1,50,000
4.	Contingency	50,000	50,000	50,000	1,50,000
5.	Institute overhead	40,000	30,000	30,000	1,00,000
Total		5,24,800	4,14,800	3,91,200	13,30,800

**(1-Project Fellow @Rs.14,000/- + 10% HRA for first 2 years and @Rs.16,000/-+10% HRA for 3 rd year)

2. The sanction of the President is also accorded to the release ₹6,84,080/- **(Rupees Six Lakh Eighty-Four Thousand Eighty Only)** to the **"Director, Kanchi Mamuniva, Centre for Post Graduate Studies, Pondicherry"** and ₹5,24,800/- **(Rupees Five Lakh Twenty-Four Thousand Eight Hundred Only)** to the **"Registrar, Satyabhama Institute of Science Technology, Chennai"** being the first installment of grant under "General Component" for the above mentioned project.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.

6. The grant-in-aid being released is subject to the condition that

a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to be ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.

8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India".

9. As per the GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.

10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure involved is debatable to Demand No.86, Department of Science & Technology for the year 2019-20:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
70	Innovation, Technology Development & Deployment
70.00.31	Grants-in-aid General for the year 2019-20
	Previous: TDP-NRDMS-3425.60.200.26.01.31

16. The amount of ₹6,84,080/- **(Rupees Six Lakh Eighty-Four Thousand Eighty Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **"Director, Kanchi Mamunivar, Centre for Post Graduate Studies, Pondicherry".**

17. The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	**SHRI Project,KMCPGS,Puducherry**
Bank A/C No	**212101000021970**
Name of the Bank & branch	**Indian Overseas Bank**
RTGS/IFSC code	**IOBA0002121**
MICR code	**605020008**

18. The amount of ₹5,24,800/- **(Rupees Five Lakh Twenty-Four Thousand Eight Hundred Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **"Registrar, Satyabhama Institute of Science & Technology, Chennai ".**

19. The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	**Satyabhama Institute of Science & Technology**
Bank A/C No	**6089858032**
Name of the Bank & branch	**Indian Bank, Satyabhama Institute of Science & Technology**
RTGS/IFSC code	**IDIB000S201**
MICR code	**600019229**

20. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 348 in the register of grants maintained in the Division for the scheme DDP.

21. This issues with the concurrence of IFD Vide their Concurring Dy. No ***C/4011/IFD/2019-20*** dated ***-05.11.2019***

Mishra 28/01/2020

(Dr.Akhilesh Mishra)
Scientist-E
Tel: 26590254

2021
14

No. BT/PR41474/NDB/39/760/2020
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE &TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 28.09.2021

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the Project entitled "**Bioprospecting of Marine microbial diversity for various products" under the Marine Bioresource and Biotechnology Network Programme** with a total cost of **Rs. 63875024/- (Rupees Six Crores Thirty Eight Lakhs Seventy Five Thousand and Twenty Four Only)** for a period of three years on the terms and conditions detailed here under:-

2. Project

2.1 Project Title: ***"Bioprospecting of Marine microbial diversity for various products" under the Marine Bioresource and Biotechnology Network Programme***

2.2 Project Co-ordinator:

Dr. Yogesh S Shouche
Emeritus Scientist,
National Centre for Microbial Resource,
National Centre For Cell Science,
First floor, Central Tower, Sai Trinity Building,
Pune - 411 021

SUB-PROJECT – A

(i) Periyar University, Salem

Principal Investigator:

Dr. R. Balagurunathan
Professor & Head,
Department of Micorbiology,
School of Bioscience,
Periyar University, Salem - 636 011

डा. मनोज कुमार मोदी / Dr. Manoj Kumar Modi
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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nidm
Resilient India - Disaster free India

National Institute of Disaster Management
(Ministry of Home Affairs, GOI)
Plot no. 15, Pocket-3, Block-B, Sector-29, Rohini, Delhi -110042

NIDM/JD/Online Training/2021
July 28, 2021

To,
Dr. B. Prabhu Dass Batvari,
Scientist -C,
Centre for Earth & Atmospheric Sciences,
Sathyabama Institute of Science and Technology
Chennai-600 119.

Subject: Online Training program -reg.

Sir,

Kindly refer email dated 18 June, 2021 on the subject cited above.

2. NIDM approves the request to arrange regarding organizing a collaborative training programme on a topic related to "Basic Principals of Disaster Management" 21-23 August, 2021 from 02:30 PM to 04:30 PM. The course fee and expenditure for conducting collaborative training programme, NIDM provides course fee to the Collaborative Agency if they shall conduct Online Training Programmes for the duration of 3 days and also provide IT and administrative support to conduct the Online Training Programmes as per the following details:

S. N.	No. of Participants	Total Amount of Course Fee (in Rs.) for 3 days course
1.	Between 50-100	50,000/- (Fifty Thousands)
2.	Between 100-150	70,000/ (Seventy Thousands)
3.	Between 150-200	1,00,000/ (One Lakh)
4.	Between 200-250	1,30,000/ (One Lakh and Thirty Thousands)
5.	250 and above	1,50,000/ (One Lakh and Fifty Thousands)

3. In case your Department agrees to provide IT and administrative support to conduct the proposed Online Training Programme please confirm the topic and proposed dates. After successful completion of the programme, your Centre is also expected to provide a detailed programme report and Utilization Certificate (in standard format) of the expenditure incurred on account of the programme.

Yours Sincerely,

(Lt. Col. Dinesh Chander Vashista)
Joint Director, NIDM

Ph: +011-23438285, **Fax**: +91-11-23438286 , **Website:** www.nidm.gov.in , **Email**: jd.nidm@nic.in

(16)

2021

FILE NO. YSS/2015/001854

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 26-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled "**Controlling the Dengue virus infection using the extracts of marine Actinomycetes by identifying the mechanistic route involving the Envelope/Nucleo-capsid protein.**" under the guidance of Dr. Krupakar Parthasarathy, Center for Drug Discovery and Development (CDDD), Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119 - Release of final installment.

In continuation of the sanction order of even no dated "02 March, 2016 ". The sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a revised cost as defined below:
The following budget may be considered for **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Micropippettes -> Power supply 500 system -> Midi vertical gel electrophoresis -> Refrigirated centrifuge and accessories -> Mini dual western bloting system	348580
A'	*Total (Non-Recurring)*	***348580***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	861000 1303600 0
2	Recurring - IV : (Overhead Charges)	240000
B'	*Total (Recurring)*	***2404600***
C	**Total cost of the project (A' + B')**	**2753180**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 140577/-** (Rupees One Lakh Forty Thousand Five Hundred and Seventy Seven only) under 'Grants-in-aid General' to **Registrar, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the last and final installment of the grant for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Start Up Research Grant (Young Scientist). (EC Life Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on **25 March, 2021** and vide Diary No. **SERB/F/9003/2020-2021** dated **26 March, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

8. The release amount of **Rs. 140577/-** (Rupees One Lakh Forty Thousand Five Hundred and Seventy Seven only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	SU
Account Name	Sathyabama Institute of Science and Technology-Research
Account Number	6089858032
Bank Name & Branch	Indian Bank Sathiyabama University branch, Jeppiaar Nagar, Chennai-600119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	pkrupakar@gmail.com

9.The institute will furnish to the SERB, separate Utilization certificate(UCs) to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the receipt of the grant.

10. The institute will maintain separate audited accounts for the project.

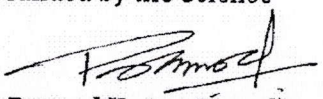
11. The project File no. YSS/2015/001854 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

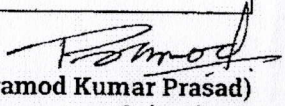
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.



(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Krupakar Parthasarathy** **Center for Drug Discovery and Development (CDDD)** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **Email: pkrupakar@gmail.com** **Mobile: 919176163111** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)



(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

We should be grateful if you could confirm receipt of this letter. If you have any further questions, please do not hesitate to contact Jane Raymond at jane@rufford.org.

Stuart Paterson
Chief Executive Officer
The Rufford Foundation

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल
UGC-DAE Consortium for Scientific Research
(An Autonomous Institution of University Grants Commission, New Delhi)

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Ref: CRS/2021-22/04/633

Date: 30-03-2022

To,
Dr. MURUGADOSS GOVINDHASAMY
Sathyabama Institute of Science and Technology

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear Dr. MURUGADOSS GOVINDHASAMY,

Thank you for submitting CRS project proposal at UGC-DAE CSR. Your proposal was evaluated by the User Committee and it has been approved as:

Contingency	₹15,000/-
Consumables	₹30,000/-

Your Principal Collaborator from UGC-DAE CSR in this project is: **Dr. Sujay Chakravarty.**

This project has been approved as per the guidelines/addendum available at our website.

The details of guidelines, addendum and remittance information are available at our website(https://csr.res.in/) and User portal(https://csruserportal.com/Crs_information).

Dr. Vasant G. Sathe
Centre-Director, Indore Centre

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विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल
UGC-DAE Consortium for Scientific Research
(An Autonomous Institution of University Grants Commission, New Delhi)

20

Ref: CRS/2021-22/04/598 Date: 30-03-2022

To,
Dr. SHYJU T S
Sathyabama Institute of Science and Technology

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear Dr. SHYJU T S,

Thank you for submitting CRS project proposal at UGC-DAE CSR. Your proposal was evaluated by the User Committee and it has been approved as:

Research Student (@ ₹14,000/- pm) + HRA=	₹1,68,000/- + HRA
Contingency	₹15,000/-
Consumables	₹30,000/-

If the selected student has M.Sc.,with GATE/NET-JRF, then Project Associate-I may be given(@ ₹31,000/- pm)+HRA for which additional prior approval has to be taken from the Centre-Director of respective Centre.

Your Principal Collaborator from UGC-DAE CSR in this project is: **Dr. Shamima Hussain.**

This project has been approved as per the guidelines/addendum available at our website.

The details of guidelines, addendum and remittance information are available at our website(https://csr.res.in/) and User portal(https://csruserportal.com/Crs_information).

Dr. Vasant G. Sathe
Centre-Director, Indore Centre

This is an electronically generated document, hence does not require signature.

2022 (21)

Gmail

gobi saravanan <gsbiotech5@gmail.com>

Result DST-SYST-2021

Coordinator syst <coordinatorsystdst@gmail.com> Wed, Oct 19, 2022 at 1:44 PM
To: Gsbiotech <gsbiotech5@gmail.com>
Cc: Rashmi Sharma <r.sharma72@nic.in>

File No: SP/YO/2021/2499
Project title: SUPERHYDROPHOBIC COATED 3D PRINTED TEMPORARY IMPLANTS Â€“ A BOON TO THE PATIENTS

Dear Dr. K Gobi Saravanan
The above mentioned project submitted to the Department for funding support was considered in the Expert Committee Meeting held during 25 – 26th July, 2022. The above proposal was recommended for funding support. Following are the remarks/suggestions of the Expert Committee:
"The PI presented the work and EC appreciated the concept and after detailed deliberation, **recommended** the proposal for duration of 2 years with corresponding recasting of the budget."

In accordance to the recommendation made by the EC, you are requested to kindly submit the following documents for further processing of your proposals for financial approval:

Revised proposal with budgetary details.
Saving Bank Account details.
Certificate from the institute stating that the funds will be kept in saving account and the interest accrued from the bank will be reported in the S/E and U/C, and will be deposited back to the Consolidated Fund of India (CFI) and will not be utilized in the project activities.
3 quotations for each item of equipment's. The comparative statement showing the lowest quoted price of each equipment proposed also needs to be indicated separately with the vendors name.
Quotations for the Consumables also needs to be submitted.
Adequate justification for each and every item of the budget.

You are requested to kindly submit the above documents in soft copies to mail ID coordinatorsystdst@gmail.com and also to the alternate mail ID: syst.dst@gmail.com

With warm regards,

Dr Bhanu Kumar
Project Coordinator
Scheme for Young Scientists and Technologists (SYST)
Department of Science and Technology (DST)
Ministry of Science and Technology
Govt. of India
Contact: 8081700850

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Gmail

Ranjita Biotech <ranjita.biotech@gmail.com>

SERB-Notification

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in> Thu, Dec 2, 2021 at 3:39 PM
To: serbinfo1@gmail.com

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: TAR/2021/000137

Dated: 02-Dec-2021

Subject: Project titled "Biomimetic Nanotheranostics: A Novel Weapon Towards Chronic Myeloid Leukemia Management."

Dear Dr. Ranjita Misra,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2021/000137** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. T Thangaradjou)

Scientist F

Dr. Ranjita Misra

Centre For Molecular And Nanomedical Sciences

Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

This is a system generated information and does not require any signature.This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intendedrecipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely,secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

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भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

FileNo.5/3/8/3/ITR-F/2022-ITR

Dated: 02.06.2022

To,

Dr. K. Gobi Saravanan,
Scientist-'C'
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Road, Semmancheri,
Chennai, Tamilnadu-600119

Subject: Fellowship Project entitled, "Biomimetic Photo-responsive thiol-ene conjugated bio-adhesives: An enabler for dynamic bone repair" of fellowship stipend, HRA and Contingent Expenditure to **Mr. Dilip Kumar S, Senior Research Fellowship.**

Sir/Madam,

The Director General, ICMR, sanctions the payment of **Rs.4,61,167/- (Rupees Four lakh Sixty One Thousand One Hundred Sixty Seven Only)** for covering the 1st year fellowship stipend, HRA and funds for Contingent Expenditure to the Senior Research Fellowship for the period **01.03.2022 to 31.12.2022 (ten months)** is as under:

1) Stipend	Rs. 35,000/- p.m.	Rs. 3,50,000/-
2) HRA@27%	Rs. 9,450/-p.m.	Rs. 94,500/-
3) Contingency	Rs. 20,000/- p.a.	Rs. 16,667/-

Total Payment = Rs.4,61,167/-

The above amount of **Rs.4,61,167/-** will be sent to **Sathyabama University-Research Account** through **RTGs** in **Account No. 6089858032, MICR CODE OF BANK No. 600019229, IFSC Code No. IDIB000S201, Indian Bank, Sathyabama University (No:1, OMR Road Rajiv Gandhi Salai, Sholinganallur, Chennai-600119, Tamil Nadu.** The grant has been sanctioned on the conditions laid down in our letter of even number dated: 21.02.2022.

Yours faithfully,

2/6/22

Administrative Officer

Copy to:

1. Accounts-V, ICMR together with a formal bill of **Rs.4,61,167/-** for payment to **Sathyabama University-Research Account.**
2. **The Vice Chancellor,** Institute of Science and Technology, (Deemed to be University), Jeppiar Nagar, Rajiv Gandhi Road, Semmancheri, Chennai, Tamil Nadu-600119.
3. **Mr. Dilip Kumar S, SRF,** Sathyabama Institute of Science and Technology, Rajiv Gadhi Road, Semmancheri, Chennai, Tamilnadu-600119.
4. **IRIS Cell No. 2021-15741**

Sathyabama Institute of Science and Technology (Deemed to be University)
Centre for Nanoscience and Nanotechnology
Chennai – 600119

MINUTES OF THE SELECTION COMMITTEE MEETING FOR THE SELECTION OF PROJECT FELLOW UNDER UGC –DAE-CSR FUNDED PROJECT

Title of the Project: Magnetically Retrievable Porous Nanohybrids: A Smart Material towards Sensing, Separation of Uranyl Ions Present in Radioactive Waste
Project No.: CRS/2021-22/04/617
Funding Agency: UGC-DAE-CSR
Principal Investigator: Dr. Subhenjit Hazra
Principal Collaborator: Dr. Shamima Hussain
UGC-DAE CSR nominee: Dr. Shamima Hussain
Designation for which the interview was conducted: Project Fellow
Mode of Interview: Online (ZOOM Sathyabama Official)
Zoom Link: https://zoom.us/j/97733520860?pwd=aHN6RHNCVnQyMStEbXIyVFFmME1vQT09
Date of the meeting: 28/06/2022
Time of the meeting: 12:15 p.m. to 2:30 p.m.
Selection Committee:

) Dr. Vinita Vishwakarma, Chairperson of the selection committee, Professor and Head, Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Chennai-600119
) Dr. Subhenjit Hazra, Principal Investigator, Scientist-C/ Assistant Professor, Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Chennai-600119
) Dr. Shamima Hussain, Principal Collaborator and UGC-DAE CSR nominee, Scientist-F, UGC-DAE Consortium for Scientific Research, Kalpakkam Node, Via Kokilamedu Gate, Kokilamedu – 603 104
) Dr. G. Murugadoss, Subject expert and External Member, Associate Professor, Sathyabama Institute of Science and Technology, Chennai-600119.

Twenty Five (25) candidates had applied for the post of Project fellow; all the applications were crutinized and based on their field of interest, seven (7) eligible candidates were shortlisted and called for nterview. Out of the seven (7) candidates, six (6) candidates have appeared for the interview (*Annexure A*). Based on the knowledge in basic understanding of the subject, proposed research topic, experience and nalytical skills, the candidates were interviewed by the selection committee. All the candidates were nterviewed for ~20 minutes to assess the candidature (*Annexure B*) and based on the performance of the andidates, the following candidates have been recommended by the committee for the appointment of Project ellow in the UGC-DAE-CSR Sponsored project.

Sl No	Name	Qualification	Recommendation
1.	SHANTHI M	M.Sc. Chemistry (Result awaited)	Selected *,$
2	SUBASH J	M.Sc. Chemistry (Result awaited)	Waiting list 1*,$
3	PRIYANKA PRAKASH	M. Sc. Chemistry	Waiting list 2

* The selection is valid only upon the clearance and obtaining > 55% marks in M.Sc.
$ Selected candidate Ms. SHANTHI M, declined the offer as she is not interested to join the project as Project fellow (*Annexure C*), the 1st candidate from the waiting list, Mr. SUBASH J has been offered the project fellow position in the project

Dr. Vinita Vishwakarma
Scientist-F and Head
Chairperson of the
election committee
Centre for Nanoscience and
Nanotechnology,
Sathyabama Institute of
Science and Technology,
Chennai-600119

Dr. Subhenjit Hazra
Principal Investigator,
Scientist-C/ Assistant
Professor, CNSNT,
Sathyabama Institute of
Science and Technology,
Chennai-600119

18/07/2022
Dr. Shamima Hussain
Principal Collaborator,
UGC-DAE CSR nominee,
Scientist-F,
UGC-DAE Consortium for
Scientific Research
Kalpakkam Node, Via
Kokilamedu Gate,
Kokilamedu – 603 104

Dr. G. Murugadoss
Associate Professor
CNSNT, Sathyabama
Institute of Science
and Technology,
Chennai-600119

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SERB-Notification

From: serb_administrator@serbonline.in

To: serbinfo1@gmail.com

Date: Thursday, 6 October, 2022 at 02:01 pm IST

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: TAR/2022/000022

Dated: 06-Oct-2022

Subject: Project titled "Design and Fabrication of High-Efficiency Large-Area Perovskite Solar Module"

Dear Dr. Murugadoss Govindhasamy,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2022/000022** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your credentials

2. Go to Menu --> Proposal submission --> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. Arvind Chaudhary)

Scientist D

Dr. Murugadoss Govindhasamy

Centre For Nanoscience And Nanotechnology

Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

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AQIS ID: 1-9287193514

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

2022 | 28

RPS - Sanction Letter

Faculty Development Cell, AICTE
Date: 10 FEB 2022
Dy. No.

File No. 8-95/FDC/RPS/POLICY-1/2021-22

Date:

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070,

Sub: Release of a sum of Rs. 1137500/- being the 1st installment of the total grant of Rs. 1300000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2021-22.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs. 1137500/- (Rupees Eleven Lakh Thirty Seven Thousand Five Hundred Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1300000/-** for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Registrar / Director / Principal, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI -600119, TAMIL NADU**
II.	Principal Investigator's Name & Dept./Course	:	**Dr. SANKARANARAYANAN MURUGAN (COMPUTER SCIENCE & ENGINEERING)**
III.	Co-Principal Investigator's Name & Dept.	:	**MURUGESAN SARAVANAN (COMPUTER SCIENCE AND ENGINEERING)**
IV.	Grant-in-aid Sanctioned	:	**Rs. 1300000/-** (Rs. 975000/- for non-recurring and Rs.325000/- for recurring expenditure)
V.	**Amount to be Released during the year 2021-22 (as 1st installment)**	:	**Rs. 1137500/-** (Rs. 975000/- Full amount of non-recurring & Rs. 162500/- recurring i.e. 50 % of total sanctioned recurring grant)
VI.	Project Duration	:	**3 Years**
VII.	Title of the Project	:	**SMART CLASSIFICATION OF SOLID WASTES USING COMPUTER VISION**

I. Release of funds:

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI -600119, TAMIL NADU through **PFMS**.
2. The sanctioned grant-in-aid is debitable to the **Major Head "601.12.a (RPS Plan)" Gen.** and is valid for payment during the financial year 2021-22.
3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
4. The grant-in-aid is being released in conformity with the Terms & Conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

II. Maintenance of account by the Institute/PI:

1. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE **within 15 days** from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Contd...2/-

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.

5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/**PFMS** details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AAITS6572P	INDIAN BANK	Sathyabama	Jeppiaar Nagar, Rajiv Gandhi Road, Salai	Sathyabama Institute of Science and Technology-Research	Current Account	849833721	IDIB000S201

6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

7. **Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.**

III. General Instructions:

1. It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.

2. The duration of Project is 03 years and the **date of release of the grant by AICTE shall be taken as the date of commencement of the project**. The **Registrar/Director/Principal** shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work **within 6 months** of the receipt of the grant, approval shall *ipso facto* lapse **and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it.** The grant has to be refunded to AICTE, through RTGS as per details given below:

Account Number	**55113199952**
Name of the Account Holder	**Member Secretary, AICTE, New Delhi**
Bank Name	**State Bank of India**
Branch Name	**Shashtri Bhawan, New Delhi**
IFSC Code	**SBIN0050203**

3. The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
   i. Principal/Director of the institution (Chairperson)
   ii. Two HODs from institute (Members)
   iii. In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
   iv. Coordinator of the project (Member Secretary)

4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.

5. Similarly, the recurring grant can be used for the items (non-recurring) sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference **within the country,** the travel expenses may be met from the recurring grant.

Contd...3/-

6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support **and timely release of grant to PI** for completion of the Project.

8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. **The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).**

9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.

11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:

i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.

ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.

iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.

iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.

v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.

ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.

iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.

iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.

v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from **www.aicte-india.org/schemes/research-innovations-development-schemes.**

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Contd.....4/-

V. Approved List of Items under Non-recurring grant:

S. No.	Approved Items (As per proposal)	No. of Units	Amount recommended (in Rs.)
A.	Non-recurring		
i)	Master / Slave Node	2	Rs. 975000/-
ii)	Switch	1	
B.	Recurring i.e. 50% of total approved recurring grant) for Contingencies & Consumables only		Rs. 162500/-
	Grand Total (A) + (B)		Rs. 1137500/-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,

   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI -600119,
   TAMIL NADU

2. NAME OF PRINCIPAL INVESTIGATOR,

   Dr. SANKARANARAYANAN MURUGAN,
   (COMPUTER SCIENCE & ENGINEERING)
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI -600119,
   TAMIL NADU

3. OFFICE OF DIRECTOR GENERAL OF AUDIT
   GENERAL REVENUES, AGCR BUILDING
   I.P. ESTATE, NEW DELHI-110002.

4. GUARD FILE

1 FEB 2022

(Col. B. Venkat)
Director (FDC)

Government of India
Ministry of Science & Technology
Department of Science & Technology
Technology Development & Transfer
(Science & Heritage Research Initiative)

Technology Bhavan, New Delhi
Dated 28.12.2021

ORDER

Sub: - Financial support for the project entitled "Exploring an extinct heritage food "Marunthu Kulambu" used for rejuvenating the health of postpartum women and evaluating its scientific importance" by Dr. S Johnson Retnaraj Samuel, Scientist C, Centre for Molecular and Nanomedical Sciences, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Tamil Nadu-600119- Release of the first installment of Capital regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs.15,69,282 /- (Rupees Fifteen Lakhs Sixty-Nine Thousand Two Hundred and Eighty-Two Only)** for the duration of 2 years. The detailed breakup of the grant for general as well as capital components are given below: -

Total Cost: **Rs.15,69,282 /-**

General Component: Rs. 15,14,000/-

Capital Component: Rs. 55,282/-

Sl.No	Description	1st year	Total
1	Microtome	55282	55282
Total(A)		55,282	55,282

2.The sanction of the President is also accorded to the release **Rs.55,282/- (Rupees Fifty-Five Thousand Two Hundred and Eighty-Two Only)** to the "Principal, Sathyabama Institute of Science and Technology – Chennai, Tamil Nadu-600119" being the first installment of grant as mentioned above table under "Capital Component" for the above-mentioned project.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up-to-date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.

6. The grant-in-aid being released is subject to the condition that

a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above- mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

28/12/2021

Statement of Expenditure, the organization ... be ensure submission of supporting documentary evidences with regard of the purch... equipment/capital assets as per the provisions of GFR 2017. Subsequent release of gr... under the project shall be considered only on receipt of the said documents.

7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.

8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"

9. As per the GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.

10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication/ media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

16. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.

17. The expenditure involved is debatable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
70	Innovation, Technology Development & Deployment
70.00.35	Grants-in-aid Capital for the year 21-22
	Previous: TDP-NRDMS-3425.60.200.26.01.35

29/12/2021

amount of Rs.55,282/- (Rupees Fifty-Five Thousand Two Hundred and Eighty-Two will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, Sathyabama Institute of Science and Technology – Chennai, Tamil Nadu-119".

bank details for electronic transfer of funds through RTGS are given below:

Name of A/C Holder	Sathyabama Institute of Science and Technology
Bank A/C No	6089858032
Name of the Bank & branch	Indian Bank, Jeppiar Nagar, Chennai.
RTGS/IFSC code	IDIB000S201
MICR code	600019229

19. As per Rule 234 of GFR 2017, the sanction has been entered at S. No.334 in the register of grants maintained in the Division for the scheme SHRI.

20. This issue with the concurrence of IFD Vide their Concurring Dy. No C/3774/IFD/2021-22 dated 28.12.2021

21. NGO darpan ID of the institute is TN/2017/0116286

(Pramod.S)
Scientist-C
Tel:011- 26590219

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd Floor, AGCR Building, IP Estate, New Delhi
2. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
3. **Dr. S Johnson Retnaraj Samuel,**
   Scientist C, Sathyabama Institute of Science and Technology,
   Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Tamil Nadu-600119
4. **Dr. Y Beryl Vedha,**
   Scientist C, Sathyabama Institute of Science and Technology,
   Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Tamil Nadu-600119
5. **Principal,**
   Sathyabama Institute of Science and Technology,
   Chennai-, Tamil Nadu-600119
6. Head (TDT), DST
7. Sanction Folder (TDT)
8. File Copy (e-37447)

29/12/2021
(Pramod.S)
Scientist-C

Email : erip-er.hqr@gov.in
Tele : 011 - 23818134
Fax : 011 - 23818132

No. ERIP/ER/202202003/M/01/1795
Directorate of Extramural Research & Intellectual Property Rights (ER&IPR)
Defence Res & Dev Orgn (DRDO)
Vth Floor, DRDO HQ. ANNEXE
Metcalfe House, Civil Lines
Delhi – 110054

Dated: 23 Mar 2022

To

Dr. Subhenjit Hazra
Scientist 'C'
Centre for Nanoscience and Nanotechnology
Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Salai
Chennai – 600 119, Tamil Nadu

Sub: Grants-in-Aid for research project titled **"Ceramic Composite Based High Temperature Radar Absorbing Material".**

Approval of the competent authority DG (TM) is hereby conveyed for a grant of Rs. 16.80 Lakh (Rupees Sixteen Lakhs Eighty Thousand Only), to Sathyabama Institute of Science and Technology for pursuing the research on the subject titled project by Dr. Subhenjit Hazra, Scientist 'C', Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119, Tamil Nadu, as Principal Investigator and Dr. P Kuppusami and Dr. A. M. Kamalan Kirubaharan as Co-Investigator.

2. The grant shall be spent as follows:

Expenditure on ↓ (Rs in lakh) during →	Year 1	Year 2	Year 3	Line Total
a) Staff : 01 Project Associate – I @ Rs. 25,000/- pm for three years	3.00	3.00	3.00	**9.00**
b) Equipment (including spares thereof)	3.15	0.00	0.00	**3.15**
c) Operation and maintenance	0.00	0.00	0.00	**0.00**
d) Expendables	1.50	0.75	0.50	**2.75**
e) Travel (Domestic)	0.10	0.20	0.20	**0.50**
f) Contingencies	0.20	0.15	0.15	**0.50**
g) Research Consultant	0.00	0.00	0.00	**0.00**
h) Procured services (other than (g)) and metered utilities	0.00	0.00	0.00	**0.00**
i) Institutional Overheads Charge	0.30	0.30	0.30	**0.90**
Column Totals	**8.25**	**4.40**	**4.15**	**16.80**

Grand total: Rs. 16.80 Lakh (Rupees Sixteen Lakhs Eighty Thousand Only).

3) The project will last for **Three Years** from the **date of release of the first installment by the PCDA (R&D)** and it will be governed by the terms and conditions given overleaf.

4) Objectives of the proposal and its application to Defence (DRDO)

- Preparation of ceramic composites possessing high thermal stability and microwave adsorption property for radar absorbing application.
- Investigation on microwave adsorption property with variation of temperature.
- Development of silicate based ceramic coating formulations for high temperature microwave absorption.
- Establishment of structure-property relationship to obtain most compatible material.

5) The deliverables of the project are:-

- The proposed work involves the development of microwave absorbing material for high temperature radar absorber. Ceramic composite consist of oxide/ silicate/ aluminate based matrix and metal nitride/ carbide based active material will be fabricated.
- Low temperature synthesis of metal nitride/ carbide based materials will explored.
- Inorganic polymer based coating formulation will be established to get the desire radar absorber material for high temperature components.
- High temperature stability and high temperature microwave absorbing property of both composite powder and coated specimen will be investigated and the physical parameters will be optimized.

6) This sanction issues in exercise of powers conferred to Sl. No. 3.1 of GOI Ministry of Defence letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18th Dec 2019.

7) The release of funds will be authorized by Accounts Officer of the Directorate of ER&IPR.

8) The expenditure is debitable to Major Head 2080 - Defence Services – Research & Development, Minor Head 004 – Research/Research & Development, Sub-Head (C)- Extramural Research (EMR) Code Head 852/06.

9) This is issued with the concurrence of IFA(R&D) New Delhi vide their U.O. No. IFA/R&D/031/ERIPR/2022/2153 dated 14th Mar 2022.

10) The sanction code of ER&IPR is DGTM/ERIP/GIA/21-22/0357/011 dated 21st Mar 2022.

11) Grantee Institutes to open a saving bank account and refund the accrued interest. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.

12) **Interest accrued to be refunded to DRDO through Demand Draft in favour of CDA (R&D), New Delhi.**

(Dr. Shiv Kumar)
Director (ER&IPR)

Copy to:-

i) Vice Chancellor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119, Tamil Nadu. The cheque will be issued by PCDA in his favour.

ii) The Director, DLJ, Prof Daulat Singh Kothari Marg, Ratanada Palace, Jodhpur-342011.

iii) Dr. Yojana Janu, Sc 'E', DLJ, Prof Daulat Singh Kothari Marg, Ratanada Palace, Jodhpur-342011 - as Domain Scientist.

iv) Dr. Manoj Kumar Patra, Sc 'F', DLJ, Prof Daulat Singh Kothari Marg, Ratanada Palace, Jodhpur-342011 - as Domain Scientist.

v) PCDA (R&D, DRDO CELL), West Block -V, Sector 1, R.K. Puram, New Delhi - 110 066 - one ink signed copy.

vi) IFA (R&D), DRDO, HQrs, Rajaji Marg, New Delhi - 110 105 - One ink signed copy.

vii) The Principal Director of Audit Defence Services, Sc No – 01, Finance Office Road, Pune - 411001.

Terms and Conditions:-

a. The grant will be spent exclusively for the purpose for which it is given and the progress of the project will be reviewed periodically by DRDO.

b. The first installment shall be released on receipt of Contingent Bill duly signed by PI and Administrative Authority of the Grantee Institution.

c. Prior approval of DRDO shall be required to change the funds/sanctioned. Any excess payment without prior approval of DRDO will be borne by the Grantee Institute.

d. The release of funds will be authorized by Account Officer of the Directorate of ER&IPR.

e. **DRDO reserve the right to terminate the grant at any stage**, if convinced that the grant has not been properly utilized or appropriate progress has not been made/achieved.

f. The procurement of equipments, as per rules and regulations of the grantee institution, shall be strictly as per approved list as projected in the proposal.

g. Appointment of staff shall be as per rules and regulations of the grantee institution and selection proceedings, joining report and qualification of selected candidates be sent to this Directorate. Govt. regulations be followed, as applicable.

h. Utilization certificate, statement of accounts and technical report to be submitted to this Directorate annually in time.

i. Assets of a capital nature acquired wholly or substantially out of this grant are the property of DRDO. Without the prior approval of DRDO these shall not be disposed of. At the close of the project, if the grantee institution wants to retain the equipment for future work a request with full justification and an undertaking saying that grantee institution will be responsible for its maintenance, to be submitted to DRDO and if the request is approved, grantee institute may retain it. The equipment shall be available to DRDO Scientists without any usage charges as and when required. Acquiring/disposal of equipment under project will be strictly governed by para 5.6 of SOP of Dte ER&IPR.

j. The grantee institution will maintain a record of these assets. A copy of the record, certified by the competent authority of the institution, shall be sent annually to the Directorate of ER&IPR.

k. When demanding monies, subsequent to the first installment, the grantee institution shall send the audited statement of expenditure, utilization certificate, in the prescribed formats, and another certifying that the unspent balance of the previous installments has either been carried forward into the subsequent demand, or has been surrendered to DRDO. Any interest generated shall be reflected in statement of accounts and it shall be treated as money released and adjusted in subsequent release.

l. The accounts maintained by the grantee institution shall be available for inspection by the Comptroller & Auditor General of India/PCDA (Internal Audit).

m. Monies remaining with the grantee institution at the close of the project (including by short closure) shall be returned to DRDO without any delay.

n. **In case of the PI leaving the Institution or going abroad etc, the Executive authority of the grantee institute** to whom the Project has been sanctioned **will ensure that the PI submits detailed technical and financial report** of the work done **before his/her relieving.**

o. **The PI will submit closure report to DRDO after completion/closure/termination of the Project.** The report must be attached with all necessary certificates and financial details.

p. Following policy on the Intellectual Properties generated under the scheme will be taken care of:-

1) All Foreground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purpose.

2) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.

3) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such ntellectual Property Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.

4) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purpose other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

5) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and

Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purpose of Government Applications including armed forces and paramilitary forces.

6) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project, whether or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.
7) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.
8) The term of the above provision shall survive the term of the Project.

q. The ownership of intellectual property generated by research performed under this grant, whether or not legally protected, shall vest in the grantee institution. The grantee institution shall promptly report to DRDO its intention to protect legally any such intellectual properties.

r. DRDO shall be deemed to have an irrevocable and royalty-free license to use such intellectual properties, whether or not legally protected, for such purposes as DRDO may decide, keeping the grantee institution informed.

s. The grantee institution shall consult DRDO prior to contracting any agreement that envisages the use of such intellectual properties, whether or not legally protected, during or after the closure of the activities conducted through its grant. In any such agreement, the grantee institution shall declare that its ownership over the intellectual properties is encumbered to the extent of above para.

t. Neither DRDO nor the Government of India accept any liability for infringement, innocent or otherwise, by the grantee institution or the investigators, of the intellectual or other property rights of third parties.

u. The grantee shall comply with all laws in force. Neither DRDO nor the Government of India accept any responsibility for any failure to so comply; nor for any liabilities, damages or other compensation awarded by any statutory authority or court.

v. Notwithstanding anything contained above, any and all intellectual property generated by the collaborative efforts of DRDO scientists and grantee institution scientists/faculty during any research activity covered under this project, shall be jointly held in the name of grantee institution and DRDO.

*****

(31)

Gmail

KARTHIKEYAN J. <dr.j.karthikeyan@gmail.com>

SERB-Notification

1 message

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in> Thu, Dec 2, 2021 at 3:29 PM
To: serbinfo1@gmail.com

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: TAR/2021/000041

Dated: 02-Dec-2021

Subject: Project titled "Exploration of Semiconductor Materials as New Photocatalysts for Organic Synthesis"

Dear Dr. Karthikeyan J,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE).** The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2021/000041** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. T Thangaradjou)

Scientist F

Dr. Karthikeyan J

CHEMISTRY

Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

This is a system generated information and does not require any signature.This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intendedrecipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely,secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

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सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
(Ministry of Education, Govt. of India)
बहादुर शाह जफर मार्ग नई दिल्ली-110002
Bahadurshah Zafar Marg, New Delhi - 110002

ज्ञान-विज्ञान विमुक्तये

FD Diary No. 2323
Dated: 15-06-2022

No.F.30-606/2021(BSR)

Dated: June, 2022

20 JUN 2022

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002.

Subject: - **Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2022-2023 under revenue.**

Sir,

The University Grants Commission convey its approval and allocate a sum of **Rs.20,00,000/-(Rupees Twenty Lakh Only) (@ Rs.10,00 lakh to each) to the Registrar, Sathyabama Institute of Science and Technology, Chennai-600119, Tamil Nadu** being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of Rs.16,00,000/-(Rupees Sixteen Lakh only) (80% of the approved Grant of Rs.10.00 Lakh to each) to the **Registrar, Sathyabama Institute of Science and Technology, Chennai-600119, Tamil Nadu** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2022-2023.

Name of the Item	Head of Account	Name of Faculty/ Professor	Name of Departments	Amount Approved (Rs.)	Amount being released (Rs.)
UGC-BSR Start-up grant for newly recruited faculty at Assistant Professors level	3(A)16(X) 31	Dr. Subhenjit Hazra	Centre for Nanoscience and Nanotechnology, School of Science and Humanities	10,00,000/-	8,00,000/-
		Dr. Ramanjaneya Reddy Gontu	Dept. of Nanoscience and Nanotechnology	10,00,000/-	8,00,000/-
			Total	20,00,000/-	16,00,000/-

2. "Grantee Institutions of the UGC shall ensure that all the payments of approved items to the beneficiaries/vendors shall be made only through the TSA module of PFMS and assignments received from the UGC through TSA module have to be utilized before 31st March of the year. Balances remaining unutilized at the close of the year (31st March) will lapse to the Government and hence written back in Government Account".
3. The sanctioned amount is debitable to the major Head **3(A)16(X) 31** and is valid for payment during the financial year 2022-23 only.
4. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Sathyabama Institute of Science and Technology, Chennai-600119, Tamil Nadu** through Electronic mode as per the following details:

a.	Details (Name & Address) of Account Holder	:	The Registrar, Sathyabama Institute of Science and Technology, Chennai-600119, Tamil Nadu
b.	Account No.	:	10671301256
c.	Name & Address of Bank Branch	:	Reserve Bank of India, 6, Sansad Marg, Sansad Marg Area, New Delhi-110001
d.	MICR Code	:	-
e.	IFSC Code/ Branch Code	:	RBIS0PFMS01
f.	Type of Account	:	Saving

मेघा कौशिक / MEGHA KAUSHIK
उप सचिव / Deputy Secretary
विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
Ministry of Education, Govt. of India
नई दिल्ली-110 002 / New Delhi-110 002

5. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
6. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
7. The University / Institution may follow the General Financial Rules, 2017 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2017 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2017 and instructions/guideline there under from time to time.
8. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the UGC as early as possible after the close of the current financial year.
9. The assets acquired wholly or substantially out of University Grants Commission's Grant Shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given, without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
10. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
11. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10 % per annum as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.
12. The University / Institution shall follow strictly the Government of India / UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.
13. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.
14. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admn. IA & B)] dated 28/5/2013.
15. The University /Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.
16. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
17. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2017.
18. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
19. This issues with the concurrence of **IFD** vide Diary No.**2381** (IFD) Dated **01.10.2021** and **F. A.** Diary No. **59981** Dated: **05-10-2021**
20. This issues with the approval of the **Chairman, UGC** vide Diary No. **45483** Dated: **08.10.2021** as revalidated by **Additional Secretary - II**, UGC vide Computer No. **110765** at Note#5 Dated: **09-06-2022**

Noted in BCR Register 2022-2023 at P.No. 87 **& S.No.** 25

Yours faithfully,

मेघा कौशिक / MEGHA KAUSHIK
उप सचिव / Deputy Secretary
विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
Ministry of Education, Govt. of India
नई दिल्ली-110 002 / New Delhi-110 002

(Megha Kaushik)
Deputy Secretary

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Pramod.S
Scientist-C
Technology Development & Transfer
Phone-(011)-26590219
Mob:-9818934327
E-mail: pramod.snkr@gov.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली-110 016

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GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI-110 016

दूरभाष / Tel. : 26962819, 26567373,
26562104, 26562122 (EPBAX)
फैक्स / Fax : 26569008, 26515637,
26560847, 26562418
वेबसाईट / website : www.dst.gov.in

No. DST/TDT/SHRI/24/2021

23.03.2022

Subject:-Financial support for the project titled **"Preserving the tribal practice and exploring the molecular level evidence behind the use of spider web for wound healing and abscess".**

Dear Dr. S. Jackson Durairaj,

I am pleased to inform you that Department of Science & Technology under SHRI programme has sanctioned to above mentioned project at a total cost of **Rs. 20,80,000/- (Rupees Twenty Lakhs Eighty Thousand only)** for a period of **02 years**. A copy of sanction order (for both recurring and Non-recurring) has already been sent to you. As per DST guidelines, the date of start of the project is the date of receipt of the fund through RTGS transfer to the Host Institution. Please intimate the date of start of the project to DST immediately.

Under the manpower head 01 SRF has been sanctioned in this project. Kindly recruit the manpower at the DST norms (**OM No. SR/S9/Z-08/2018 dated 30/01/2019 and SR/59/Z-05/2019 dated 10.07.2020) It is mandatory to use EAT module in PFMS, failing which no further funds shall be release and purchase the equipment through the Government e-marketplace (GeM), to the extant available there as the project involves government funding. In regard to retention of the equipment/assets, decision is to be taken in accordance with the recommendations of the Committee, constituted by this Department to formulate guidelines on this issue later. Equipment must in any case remain under the charge of DST.**

Foreign travel is not permitted out of the grant sanctioned under "Travel Head" of the project. For any consumable item costing more than Rs. 20,000/- a copy of the purchase order may kindly be furnished to the undersigned. Division of the funds from one head to another head is normally not allowed. However, any re-allocation of grants under different heads requires prior approval of this department. The statement of Expenditure and financial year wise Utilization Certificate may be submitted to DST at the end of every financial year. The interest earned out of project grant at the end of each financial year should be deposited back to Consolidated Fund of India through online mode at www.bharatkosh.in. You are also requested to submit UC in Public Financial Management System(PFMS) and submit the progress report to DST every six months

You may be called for a mid-term review during the execution of the project. Further release of the installment will be depend upon the progress and recommendations of the Scientific Advisory Committee of SHRI programme. You are requested to prepare small video documentaries showing the outcome/progress of the project time to time to upload the DST website. You have to submit a Project Completion Report (PCR) along with the final audited UC and SC to the DST at the end of the programme. You are also requested to mention DST-SHRI programme for all the facilities created under the programme.

We wish you a grand success during the project implementation of the above project.

With Regards

Yours Sincerely

Pramod

(Pramod.S)

Dr. S. Jackson Durairaj, Scientist -C
Centre for Molecular and Nanomedical Sciences Sathyabama Institute of Science and Development Jeppiaar Nagar Rajiv Gandhi, Salai, Chenni, Tamil Nadu-600119

FILE NO. CRG/2021/004694

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 16 March, 2022

35

ORDER

Subject: Financial Sanction of the research project titled **"Toxicity of Microplastics and Phthalates, as well as their Abundance, Distribution and Drivers, in groundwater and surface water from Ennore to Kovalam on the east coast of India."** under the guidance of Dr. Puliyakurichi Mookkan Velmurugan, Center for Earth and Atmospheric Science, Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 and by Dr. Prabhu Dass Batvari, Scientist-C, Centerfor Earth And Atmospheric Sciences, Sathyabama Institute Of Science And Technology and by Dr. Marykutty Abraham, -, Centre For Remote Sensing And Geoinformatics, Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2263360/- (Rs.** Twenty Two Lakh Sixty Three Thousand Three Hundred and Sixty **Only)** with break-up of **Rs. *0*/- under Capital (Non-recurring) head** and **Rs.*2263360*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2263360/-** has been approved are given below:
The following budget may be considered for **Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment	0
A'	*Total (Non-Recurring)*	***0***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 600000 20000
2	Recurring - IV : (Overhead Charges)	200000
B'	*Total (Recurring)*	***2263360***
C	**Total cost of the project (A' + B')**	**2263360**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 800000/-** (Rupees Eight Lakh only) under 'Grants-in-aid General' to **Registrar, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai** being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai with the approval of the competent authority under delegated powers on **11 March, 2022** and vide Diary No. **SERB/F/10382/2021-2022** dated **15 March, 2022**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 800000/-** (Rupees Eight Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	SU
Account Name	Sathyabama Institute of Science and Technology, Research
Account Number	6089858032
Bank Name & Branch	INDIAN BANK SATHYABAMA UNIVERSITY JEPPIAAR NAGAR RAJIV GANDHI SALAI SHOLINGANALLUR
IFSC/RTGS Code	IDIB000S201

Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	velapmv@gmail.com

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2021/004694 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Puliyakurichi Mookkan Velmurugan** **Center for Earth and Atmospheric Science** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: velapmv@gmail.com** **Mobile: 919087512526** **Dr. Prabhu Dass Batvari** **Centerfor Earth And Atmospheric Sciences** **Sathyabama Institute Of Science And Technology** **Dr. Marykutty Abraham** **Centre For Remote Sensing And Geoinformatics** **Sathyabama Institute Of Science And Technology** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

155-54

Order &c

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SERB-Notification

From: Dr. Monika Agarwal (ms_oc@serbonline.in)

To: serbinfo1@gmail.com

Date: Monday, 25 April, 2022, 12:58 pm IST

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Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Approval Letter

File Number: SPG/2021/002927

Dated: 25-Apr-2022

Subject: Project titled "Molecular mechanistic role of ar- turmerone, a promising drug candidate for the treatment of Parkinson's disease.".

Dear Dr. BerylVedha Yesudhason,

The project cited above has been recommended by the related **SERB-POWER Grant** to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

The committee recommended the following budget for three years.

Manpower :
-> Project Associate-I - 1
Equipment Details : Rs. 550000
-> Multiplate reader - 1
Consumables : Rs. 600000
Travel Cost : As proposed
Contingencies : As proposed
Overhead : As per norms

The total budget will not exceed 30 Lakhs for three years at any cost.

You are requested to upload the Quotations of the approved equipment within one week from the date of this letter.

Kindly follow the below steps only then you will be able to acknowledge the approval letter :

1. Go to www.serbonline.in through your credentials

2. Go to Menu --> Proposal submission --> View submitted proposals

3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI."

You are requested to upload the following documents of the approved budget within one week from the date of this letter.

1. Lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any) - within the committee recommended budget under non-recurring head. (Kind note: the submitted/uploaded quotation should be within the SERB approved budget).

2. Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.), including HRA certificate on the letter head of competent authority or OM related.

3 Detailed justification for consumables with cost details- **mandatory- very important-** please send it in word document or PDF document through compose mail -ADD File-option from our SERB portal system. **(Note: if consumable cost is more than Rs.5 lakhs).**

4. Ethical clearance certificate-(Kind note: Title of the project should match with the ethical clearance document and also it should be valid at the time of submission) **Mandatory-very important-** attach the files through compose mail -ADD file- option from our SERB portal system.

5. Upload RTGS details of the implementing institute as per the updated template available under download drop down menu at SERB online portal. **As the directions of GOI the account should be registered in the PFMS portal and Mapped accordingly for facilitating the transfer of funds. While MAPPING KINDLY ENSURE that scheme and the funding agency both are selected as SERB.** (Please make sure that all the details entered in the SERB online portal match with the uploaded RTGS document)- **Very Important**

6. A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Note:

(i). If mandatory documents (ethical clearance, RTGS) are not in order the file will not be processed for sanction. The investigators have to take the whole responsibility towards submission of above documents. No hard copies will be entertained.

(ii). If the project does not require documents such as ethical clearance (animal/human), IBSC, Stem cell related clearance kindly confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues or with appropriate clearances endorsed by the head of the institute.- **Mandatory**

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, stem cell related work, SERB will terminate the project without any notice and PI will be debarred from the SERB funding)

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents.

Yours sincerely,

(Dr. Monika Agarwal)

Scientist F

Email: monika@serb.gov.in

Dr. BerylVedha Yesudhason

Center For Molecular And Nanomedical Sciences

Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

This is a system generated information and does not require any signature.This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intendedrecipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely,secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

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(38)

भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

No. VIR/COVID-19/33/2021/ECD-I

Dated. 07.03.2021

To

The Dean,
Sathyabama Institute of Science and Technology,
Kamaraj Nagar, Semmancheri, Chennai-600119.

Subject:- Sanction and budget allotment for the New Schemes Entitled, **"Elucidating the Structural and Functional characterization of Membrane and Envelope protein from SARS Co V-2 and its variants in Virus like Particle formation and its role in the virus assembly and release."**

Sir/Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of one year from **15.03.2022** to **14.03.2023** subject to extension up to the total duration specified in Para 3(3) below.

The Director General of the Council also sanctions the budget allotment of **Rs. 31,66,998/- (Rupees Thirty One lakhs Sixty Six thousand Nine hundred and Ninety eight only)** as detailed in the attached budget statement for the year 2021-22.

The grant-in-aid will be given subject to the following conditions:

The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council.

The staff appointed on the project should be paid as indicated in the budget statement attached.

The approved duration of the scheme is **3 year.** The annual extension will be given after review of the work done on the scheme during the previous year.

A report on the progress made will be submitted to the Council as and when called for.

वी. रामलिंगस्वामी भवन, पोस्ट बॉक्स नं. 4911,
अंसारी नगर, नई दिल्ली - 110 029, भारत
V. Ramalingaswami Bhawan, P.O. Box No. 4911,
Ansari Nagar, New Delhi - 110 029, India

Tel: +91-11-26588895 / 26588980 / 26589794
+91-11-26589336 / 26588707
Fax: +91-11-26588662 | icmr.nic.in

The institute will maintain a **Separate Saving Bank Account** of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.

The grant shall be utilize after following provision laid down in GFR-2017 and T.A rules.

The receipt of this letter may please be acknowledged.

Yours faithfully,

Harjeet Kaur Bajaj
Administrative Officer
Division of ECD

No. VIR/COVID-19/33/2021/ECD-I

Copy to:

1. Copy together with a copy of the budget statement forwarded for information to **Dr. Krupakar Parthasarathy,** Scientist D, Sathyabama Institute of Science and Technology, Kamaraj Nagar, Semmancheri, Chennai- Chennai.
2. Copy together with two copies of the budget statement forwarded to the **Accounts Section, ICMR** for information and necessary action.
3. Online Team, ICMR.
4. Sr. T.O (2) (Project ID- 2021-4020)

Administrative Officer
Division of ECD

2021-22

39

(38)

No. TDP/BDTD/44/2021/General
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Development & Transfer)

Technology Bhavan
New Delhi-110 016

Dated 22nd October, 2021

ORDER

Sub: - Financial assistance for project entitled, "Smart Wearable Epilepsy Seizure Prediction and detection Device" by Prof. Wilson Santhosh Kumar Aruni, Professor, Sathyabama Institute of Science and Technology-Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600 119, Tamil Nadu release of **first installment**----- regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs.38,38,304/-** (Rupees Thirty Eight Lakh Thirty Eight Thousand Three Hundred Four Only) i.e. **Rs.34,28,304/-** (Rupees Thirty Four Lakh Twenty Eight Thousand Three Hundred Four only) as DST contribution, **Rs. 3,00,000/-** (Rupees Three Lakh only) as HI's contribution and **Rs. 1,10,000/-** (Rupees One Lakh Ten Thousand only) as the industry contribution.

Out of the DST's Contribution of Rs.34,28,304/- (Rupees Thirty Four Lakh Twenty Eight Thousand Three Hundred Four only) with the break up of **Rs. 27,61,424/-** (Rupees Twenty Seven Lakh Sixty One Thousand Four Hundred Twenty Four Only) would be under the General Component and **Rs. 6,66,880/-** (Rupees Six Lakh Sixty Six Thousand Eight Hundred Eighty Only) would be under the Capital Component for the duration of **two years**. The detailed breakup of the grant for general and capital components as well as contribution are given below: -

General Component-DST	=	**Rs. 27,61,424/-**
Capital Component-DST	=	**Rs. 6,66,880/-**
Host Institute	=	**Rs. 3,00,000/-**
Industry Contribution	=	**Rs. 1,10,000/-**

Budget for both the Components (GC & CC)

S.No	Item	Budget (Rs. In Lakhs)		
		Year-I	Year-II	Total
1	Manpower JRF- 02 @ Rs.31,000/-p.m.+ 27% HRA= Rs.39,370/-	9,44,880/-	9,44,880/-	18,89,760/-
2	Consumables	80,000/-	80,000/-	1,60,000/-
3	Travel	50,000/-	50,000/-	1,00,000/-
4	Contingency	50,000/-	50,000/-	1,00,000/-
5	Other Costs	2,00,000/-	---	2,00,000/-
6	Equipment	6,66,880/-	---	6,66,880/-
7	Overheads	1,99,176/-	1,12,488/-	3,11,664/-
	TOTAL	21,90,936/-	12,37,368/-	34,28,304/-

Details of Capital Component

S. No.	Items	Budget Rs. in Lakhs		
		Year-I	Year-II	Total
1.	Accelerometer/ Gyroscope-05, Bluetooth Module-05, Cloud Server-01, Computer-	6,66,880/-	-----	6,66,880/-

Anita
22/10/21

	01, EEG Sensors-20, LCD Display-05, Raspberry Pi-05, GPS-05, Fabrication, Testing Equipment-01, Calibration Equipment-01 as per column No.6 above.			
	Total	6,66,880/-	-----	6,66,880/-

2. The sanction of the President is also accorded to the release **Rs.15,24,056/-** (Rupees Fifteen Lakhs Twenty Four Thousand Fifty Six Only) **to the Registrar, Sathyabama Institute of Science and Technology- Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600 119, Tamil Nadu** being the first installment of grant as mentioned the above table under "General Component" for implementation of the above mentioned project.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.

6. The grant-in-aid being released is subject to the condition that

a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to be ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.

8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India".

9. **As per the GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.**

Amita
24/10/24

10. **The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.**

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure involved is debatable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
70	Innovation, Technology Development & Deployment
70.00.31	Grants-in-aid General for the year 2021-22
	Previous: TDP-3425.60.200.26.01.31

16. The amount of **Rs.15,24,056/- (Rupees Fifteen Lakhs Twenty Four Thousand Fifty Six Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Sathyabama Institute of Science and Technology- Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600 119, Tamil Nadu**. The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	Sathyabama Institute of Science and Technology-Sathyabama University, Chennai
Bank A/C No	6089858032
Name of the Bank & branch	Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Salai, Chennai - 600119
IFSC code	IDIB000S201
MICR code	600019229

17. As per Rule 234 of GFR 2017, the sanction has been entered at **S.No.171** in the register of grants maintained in the Division for the scheme BDTD.

22/10/21

18. The Unique ID provided by the NGO Darpan Portal to Sathyabama Institute of Science and Technology- Sathyabama University is TN/2017/0116286.

19. It is mandatory to use EAT module in PFMS since 15.6.18, failing which no further funds shall be released.

20. The equipment sanctioned in the project will be on the charge of DST till a decision on retention is made and whenever a decision is made will be communicated for necessary compliance by the Host Institute.

21. This issue with the concurrence of IFD Vide their Concurring Dy. No. **C/2797/IFD/2021-22** dated 21.10.2021.

Anita 22/10/21

(Anita Aggarwal)
Scientist-F

To

The Pay and Accounts Officer
Department of Science & Technology
New Delhi.
Copy of information and necessary action to: -

1. The Principal Director of Audit, Environment and Scientific Department, 3rd floor, AGCR Building, I.P. Estate, New Delhi.
2. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
3. The Controller of Accounts, DST
4. IFD, DST
5. Head (TDT), DST
6. Office Copy
7. The Registrar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600 119, Tamil Nadu.
8. Prof. Wilson Santhosh Kumar Aruni, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600 119, Tamil Nadu.
9. M/s Einnel Technologies-Research and Development Centre, #4, Soundarya Nagar, Gowrivakkam, Chennai-600 073, Tamil Nadu.
10. File copy (E-36633)

Anita 22/10/21

(Anita Aggarwal)
Scientist-F

Sathyabama Institute of Science & Technology
WEBMAIL

VC Office Sathyabama Institute of Science & Technology <vcoffice@sathyabama.ac.in>

Reg. SERB TARE funding

1 message

Gopika G <gopikag1987@gmail.com> Wed, Oct 19, 2022 at 11:35 AM
To: vcoffice@sathyabama.ac.in

Hello Sir,

Please find below the details of the SERB TARE funding which I got from the SERB website, as per required.

Eligibility

Nature and Duration of Support

Not exceeding three years covering areas under Life Sciences, Physical Sciences, Chemical Sciences, Engineering Sciences, Earth & Atmospheric Sciences & Mathematical Sciences, including interdisciplinary areas

Research fellowship of Rs. 60,000/- per year (in addition to the researcher's own salary) will be provided subject to completion of minimum 90 days research work per year in the host institution. Research grant of Rs. 5 lakhs per annum (50% each to host and parent institution) and overheads (as per SERB norms) will be provided

Selection & Mode of Application

The approval letter obtained from SERB as well is attached below, please check.

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: TAR/2022/000258

Dated: 06-Oct-2022

Subject: Project titled "$CsPbBr_3$ perovskite/ transition metal di-chalcogenides (TMDCs) based composite solar cell for enhanced power conversion efficiency"

Dear Dr. Gopika G,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2022/000258** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. Arvind Chaudhary)

Scientist D

Dr. Gopika G

Center For Nanoscience And Nanotechnology

Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119

If any further information is required please contact me.

Thanks and regards,
Gopika G, PhD,
Scientist C,
Center for Nanoscience and Nanotechnology,
International Research Center,
Sathyabama Institute of Science and Technology,
Chennai, T.N

A1

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Approval Letter

File Number: CRG/2021/005767

Dated: 23-May-2022

Subject: Project titled "Adaptation of Nilaparvata lugens (Stahl) (brown planthopper) to resistant rice: Characterizing the role of salivary gland plasticity in insect virulence".

Dear Dr. ThangaSuja Srinivasan,

The project cited above has been recommended by the related **Core Research Grant** to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

The committee recommended the proposal with following budget:

Institute Name: Sathyabama Institute of Science and Technology

Manpower :
-> Junior Research Fellow - 1
Equipment Details : Rs. 16,00,000/-
-> Real time PCR - 1
Consumables : Rs. 15,00,000/-
Travel Cost : As per norms
Contingencies : As per norms
Overhead : As per norms

Institute Name: ICAR - Indian Institute Of Rice Research

Manpower :
-> Junior Research Fellow - 1
Consumables : Rs. 4,00,000/-
Travel Cost : As per norms
Contingencies : As per norms
Overhead : As per norms

You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals
3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI""

You are requested to upload the following documents of the approved budget strictly within one month from the date of this letter.

Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).
Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.).
A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.
RTGS details of the implementing institute to facilitate transfer of the fund as per the template.
Any other documents (as detailed bellow specific the programme concerned).
As per SERB norms National Laboratories and Research Institutions should share **50% of the non-recurring cost of the project.** For projects with total cost more than Rs. 80 lakh, 50% of the non-recurring and consumables cost should be shared by the Lab/Institution. If project is approved for SERB support, a certificate from National Laboratory / Research Institution will be required for the same.

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.,) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **CRG/2021/005767** may also be mentioned in all research communications arising from the above project.

Yours sincerely,
(Dr. Shilpi Paul)
Scientist F
Email: ms_ps@serbonline.in

Dr. ThangaSuja Srinivasan
Centre For Climate Change Studies
Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119

सत्यमेव जयते

Dr. KONGA GOPIKRISHNA
Scientist – 'F'
SEED Division
E- Mail: k.gopikrishna@nic.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया मेहरोली मार्ग
नयी दिल्ली-११० ०१६

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GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI – 110 016

DST/SEED/SCSP/STI/2021/495 **17.03.2022**

Sub: Financial Assistance for the project titled "Science Technology and Innovation Hub in Kattumannar Koil, CD Block, Cuddalore District, Tamilnadu State."

Dear Sir

This is to inform that the above mentioned project proposal has been approved at a total cost of Rs.2,36,05,264/- (Rs.96,76,000/- under General Component and Rs.1,39,29,264/- towards Capital Assets) for duration of three years with an initial release of Rs.91,16,548/- (Rs.34,92,000/- towards General Component and Rs.56,24,548/- towards Capital Assets) subject to the following conditions.

1. Submission of bond on non-judicial stamp paper (in the enclosed format).
2. Submission of letter of consent to take up the project at the above cost.
3. The Organization/Institute/Principal Investigator that it has not obtained financial assistance from any other department of the Central/State Governments for this project or a similar project
4. The Institute is not blacklisted
5. Procurement of equipment as per General Financial Rules 2017.
6. Execution of construction work through Government Agency/PSU
7. The proposed equipment in the project are not available with the Host Institution and not procured under any project sanction by Central/State Government
8. The Goods (consumables and equipment) available in GeM portal are to be procured mandatorily online through GeM only
9. The Host Institution/PI will also follow DoE's guidelines for incurring expenditure under the different sub-heads
10. The Host Institution/PI should start using EAT module and next release will be made only after mapping and following EAT modules by the Grantee Institution
11. Selection of NGOs may be done with transparent manner for last mile delivery
12. The HI/PI may ensure involving the Industries for commercialization of technologies, if any, developed in the project
13. The institute will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing government bank account.
14. All interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant.
15. The permanent assets/equipment procured if any, in the project should be used by the intended beneficiaries even after completion of project tenure. Retention of equipment if any

for further research may be requested and such retention is subject to approval of competent authority.

2. As per the Ministry of Finance, Department of Expenditure OM No. 7 (1) E.Coord/2012 dated 14th November 2012, the release of the grant will be subject to declaration by the Organization/ Principal Investigator (s) that

(i) All Utilization Certificates due for rendition, for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India have been submitted for all the projects implemented (completed) by the Organization/ Principal Investigator (s) and Up to date Utilization Certificates have been submitted for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India in case of ongoing projects

3. The bank details should be added to the scheme "Innovation Technology Development and Deployment" (1819). The funds will be released only in case if the savings bank account is that of a government bank.

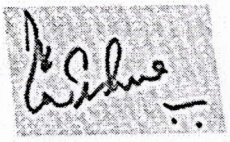
4. The release of the grant would be through electronic transfer of funds (RTGS). You are requested to provide the following details for facilitating e-payments.

a. Account Holders /Organization name (or) designation
b. Name of the bank
c. Bank Account Number
d. IFSC Code
e. MICR Code

You are advised to send us a photocopy of a cancelled cheque, which has all the requisite details. The bank details in the photocopy of the cancelled cheque should match with the details given during CPSMS registration.

Enclosures: As above

Yours Sincerely,



(Gopikrishna Konga)

To

Dr. Dawn S S
Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119, Tamil Nadu

सत्यमेव जयते

Dr. KONGA GOPIKRISHNA
Scientist – 'F'
SEED Division
E- Mail: k.gopikrishna@nic.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया मेहरौली मार्ग
नयी दिल्ली-११० ०१६

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI – 110 016

DST/SEED/TSP/STI/2021/466 **06.03.2022**

Sub: Financial Assistance for the project titled "Agri Innovation Hub for Holistic Development of Scheduled Tribe Population in Anaicut Block in Jawadu Hills, Vellore District, Tamil Nadu State."

Dear Madam

This is to inform that the above mentioned project proposal has been approved at a total cost of Rs.2,83,41,335/- (Rs.1,25,31,040/- under General Component and Rs.1,58,10,295/- towards Capital Assets) for duration of three years with an initial release of Rs.1,49,54,680/- (Rs.43,43,680/- towards General Component and Rs.1,06,11,000/- towards Capital Assets) subject to the following conditions.

1. Submission of bond on non-judicial stamp paper (in the enclosed format).
2. Submission of letter of consent to take up the project at the above cost.
3. The Organization/Institute/Principal Investigator that it has not obtained financial assistance from any other department of the Central/State Governments for this project or a similar project
4. The Institute is not blacklisted
5. Procurement of equipment as per General Financial Rules 2017.
6. Execution of construction work through Government Agency/PSU
7. The proposed equipment in the project are not available with the Host Institution and not procured under any project sanction by Central/State Government
8. The Goods (consumables and equipment) available in GeM portal are to be procured mandatorily online through GeM only
9. The Host Institution/PI will also follow DoE's guidelines for incurring expenditure under the different sub-heads
10. The Host Institution/PI should start using EAT module and next release will be made only after mapping and following EAT modules by the Grantee Institution
11. Selection of NGOs may be done with transparent manner for last mile delivery
12. The HI/PI may ensure involving the Industries for commercialization of technologies, if any, developed in the project
13. The institute will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing government bank account.
14. All interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant.
15. The permanent assets/equipment procured if any, in the project should be used by the intended beneficiaries even after completion of project tenure. Retention of equipment if any

for further research may be requested and such retention is subject to approval of competent authority.

2. As per the Ministry of Finance, Department of Expenditure OM No. 7 (1) E.Coord/2012 dated 14th November 2012, the release of the grant will be subject to declaration by the Organization/ Principal Investigator (s) that

(i) All Utilization Certificates due for rendition, for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India have been submitted for all the projects implemented (completed) by the Organization/ Principal Investigator (s) and Up to date Utilization Certificates have been submitted for grant in aid released by the Central Government in respect of all the schemes/programmes/projects of a Ministry/Department of Government of India in case of ongoing projects

3. The bank details should be added to the scheme "Innovation Technology Development and Deployment" (1819). The funds will be released only in case if the savings bank account is that of a government bank.

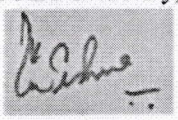
4. The release of the grant would be through electronic transfer of funds (RTGS). You are requested to provide the following details for facilitating e-payments.

a. Account Holders /Organization name (or) designation
b. Name of the bank
c. Bank Account Number
d. IFSC Code
e. MICR Code

You are advised to send us a photocopy of a cancelled cheque, which has all the requisite details. The bank details in the photocopy of the cancelled cheque should match with the details given during CPSMS registration.

Enclosures: As above

Yours Sincerely,



(Gopikrishna Konga)

To

Dr. T Sasipraba
Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119, Tamil Nadu

MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)

सत्यमेव जयते

Ministry of
Human Resource Development
Government of India

Sanction Order

File No. 1-1/IC/SIH-22/2021-22/61

17th August 2022

To,

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi - 110070

Subject: Release of Grant in Aid to **Sathyabama Institute of Science and Tehcnology, Chennai, Tamil Nadu** under Grant-in-Aid Head **"603.4 – Smart India Hackathon 2022 Software Edition"** for hosting Smart India Hackathon Software Edition-2022

Sir,

This is to convey the sanction of the Council for payment of **Rs 6,72,000/- (INR Rupees Six Lakh Seventy-Two Thousand Only)** as Grant-in-Aid to **Sathyabama Institute of Science and Tehcnology, Chennai, Tamil Nadu** through RTGS/NEFT towards the expenditure to be incurred from Head **"603.4 – Smart India Hackathon 2022 Software Edition"** in hosting Smart India Hackathon Software Edition-2022 to be held from 25th -26th August, 2022.

The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education from MoE's Innovation cell account on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/NEFT.

The instructions/guidelines to be followed by Nodal Centers for utilizing the above Grant-in-Aid during SIH-Software Edition-2022 is as follows:

A. Each team has certain team members (hereafter referred as Participants), mentors (mentors may be professor's/industry experts). Each Nodal Centre would have a few Design Mentors who would guide the students on designing a market ready product during the 5 days long hackathon (hereafter referred as Design Mentors). Nodal Centre heads during SIH would be MIC/AICTE officials or appointed by Council.

B. This Grant-in-Aid sanctioned to the Nodal Centres will be utilised under the following heads:

S. No.	Particulars	Breakup for each Nodal Centre	Amount per NC
1	Student teams & mentors Travelling expenses	28 Teams* 8 Members per team* 2000 Rs for travel	4,48,000
2	Lodging/Boarding/Food for teams & mentors only	28 Teams* 8 Members per team* 1000 Rs for Stay & Food for entire event	2,24,000
		Total	₹ 6,72,000
3	Marketing & Outreach	• Mementoes Rs 250 * 300 persons (Students/Experts/NC Heads and Dignitaries) = RS 75,000/NC	On reimbursement basis

		• Printing Certificates, Lanyards, Stationary (Rs 150 per head * 350 persons) = 52,500/NC • Printing & Dummy Cheque Rs 500 * 5 PS = 2,500/NC	
4	Evaluator/Expert/Jury Stay and Food (Max 3 persons)	Rs 2000/- for Food and Accommodation per day per person for entire event	On reimbursement basis
The expenses under S. No. 1 - 4 are subject to reimbursement post event, based upon the actual team attendance after submission of actual bills			

I. **Student teams & mentors Travelling expenses:**

- ✓ The maximum ceiling of travel reimbursement is fixed up to Rs 2,000/- per person (Subject to actuals) by the Council for their round trip including local mileage (@11 Rs/KM), if any based on production the actual bills.
- ✓ Each member of the team will be provided reimbursement for Sleeper class train fare for the shortest route. If the person travels in other mode of transportation, an amount equivalent to travel fare of Sleeper class Train Tickets will be reimbursed with a maximum ceiling of Rs 2,000/- only.
- ✓ If the train connectivity is not available in a particular sector and the journey is performed by road, then the reimbursement will be made of public transport mode with an upper ceiling of Rs 2,000/- only subject to actuals, based on producing the relevant bills/tickets of the state transport services.
- ✓ However, the reimbursement of TA will only be given by filling the enclosed TA form of the Council which contains the journey details, signed by the team leader and verified by the Nodal Centres along with the documentary proof.

II. **Juries/evaluators/experts Travel expenses:**

- ✓ All the travel expenses and arrangements of the Juries/evaluators/experts **appointed by the MIC/AICTE** have been taken care by the MIC/AICTE itself. Nodal centre have to collect the enclosed TA/Honorarium form of the Council which contains the personal information along with the journey details signed by the Juries/evaluators/experts and verified by the Nodal Centres along with the documentary proof i.e. the bills/tickets of local taxi/Cab (Airport/Station/Bus Stand drop and pick up) and boarding passes of the inward and outward journey.
- ✓ No claim can be made against these expenses by the nodal centre. Nodal centre has to send these documents to AICTE/MIC with the utilization certificate and statement of expenditure, and the amount will be transferred directly to the evaluator's bank account post receiving the documents and satisfactory verification.
- ✓ However, no amount will be reimbursed/transferred to those evaluators, who have been appointed by the Nodal Centre.

III. **Lodging/Boarding/Food for:**

- ✓ **Participants & Mentors:** The stay and food arrangements of participants & mentors shall be provided by the Nodal Centre. Each team is eligible for maximum of 2 mentors. A maximum amount of Rs 1500/- per member only will be provided to Nodal Centre for the Stay and food arrangements for the entire event. The participants & mentors shall be allowed to stay only from **24th August early morning to 27th August Evening.**

- ✓ **Juries/evaluators/experts:** The stay and food arrangements of Juries/evaluators shall be provided by the Nodal Centre. Nodal Centres can make their stay and food arrangements either in their guest house or nearby hotels for which a ceiling of Rs 2,000/- per person/ per day will be provided to Nodal Centre. Nodal Centre should ensure the comfortable stay for Juries/evaluators/experts. The Juries/evaluators/experts shall be allowed to stay only from **24th August early morning to 27th August Evening**. Nodal Centre can claim reimbursement of this amount as per the criteria mentioned in **point B. However, no amount will be reimbursed to those evaluators who have been appointed by the Nodal Centre.**

- ✓ **Nodal Centre Heads:** Stay and food arrangements for MIC/AICTE officials (Nodal Centre Heads) will be arranged by the Nodal Centre and can be claimed post event on reimbursement basis.

IV. **Honorarium for Juries/evaluators/experts:**

- ✓ Honorarium of the Juries/evaluators/experts **appointed by the MIC/AICTE** have been taken care by the MIC/AICTE itself. Nodal centre have to collect the enclosed TA/Honorarium form of the Council which contains the personal information along with the bank account details and signed by the Juries/evaluators/experts and verified by the Nodal Centres along with the documentary proof i.e. the copy of cancelled cheque/bank passbook/account statement and PAN Card.
- ✓ No claim can be made against these expenses by the nodal centre. Nodal centre has to send these documents to AICTE/MIC with the utilization certificate and statement of expenditure, and the amount will be transferred directly to the evaluator's bank account post receiving the documents and satisfactory verification.
- ✓ However, no amount will be reimbursed/transferred to those evaluators, who have been appointed by the Nodal Centre.

V. **Expenses under Marketing & Outreach (On reimbursement basis):**

- ✓ **Printing Dummy Cheques.** The cost towards printing of dummy cheques for the winning teams as the case may be, will be met under this head for which a maximum amount of Rs 500/- per problem statement is permissible.
- ✓ **Mementoes:** The cost towards purchasing mementoes and other goodies for all the participants, volunteers and other officials (Max 300 persons) will be met under this head for which a maximum amount of Rs 250/- per person is permissible.
- ✓ **Printing Certificate, Lanyards and Registration Kit etc:** The cost towards purchasing of printing certificates, Notepad, pen, information brochure, ID card and lanyard etc for all the participants, volunteers and other officials (Max 350 Persons) will be met under this head for which a maximum amount of Rs 150/- per person is permissible.

Utilization & Refund of Grant:

1. This sanction is issued in exercise of the power delegated to All India Council for Technical Education and MoE's Innovation Cell and other terms & conditions laid down for the purpose.

2. The sanctioned amount is debitable under the budget of MoE's Innovation Cell. A separate account should be maintained so that it would not be mixed with other funds.

3. The assets acquired wholly or substantially out of AICTE's grants shall not be disposed or encumbered or utilized for the purpose other than those for which the grant was sanctioned.

4. AICTE/MIC or its nominee shall have the right to check/verify the items procured under above said heads during the SIH-2022 event.

5. Nodal Centre needs to maintain the record of all original bills/TA forms/transaction proof/vouchers and invoices etc. and shall submit the same along with the detailed statement of expenditure under various heads to MIC/AICTE.

6. Each Nodal Centre will have to submit the Audited Utilisation Certificate (Govt. Institutes can submit unaudited UCs) and statement of expenditure along with supporting vouchers/bills of the expenditure within two months from the date of releasing of funds.

7. The above sanction is subject to adjustment in future of any excess/less payment made based on the actual numbers of teams/participants, if found after auditing by internal audit team of MIC/AICTE.

8. Procurement of goods and services shall be made through a purchase committee which shall certify the reasonability and quality of the goods and services procured and shall be in accordance to the provisions contained in GFR-2017.

9. The unutilised and undisbursed amount shall be returned in the form of Demand Draft payable in favour of Innovation Cell Account, New Delhi along with all original documents.

10. The actual expenditure made under the above **Point B(1-4)** within the permissible limit will be allowed to settle post event based on production of actual bills along with Utilisation certificate and satisfactory verification from MIC/AICTE.

11. The amount sanctioned and expenditure incurred under one Head of Account may not be re-appropriated/exceed the budget amount and may not be utilized with other Head of Account.

Pradyot

Dr. Pradyot Koley
Assistant Innovation Director

Copy To:

1. Director, Finance Bureau, AICTE – With a request to release the amount
2. **Sathyabama Institute of Science and Tehcnology, Chennai, Tamil Nadu**
3. File

File Number: SSY/2022/000303

Dated: 16-Jun-2022

Subject: Application titled "Emerging trends in Industrial Robotics"

Dear Dr. Sundari Govindarajan,

It is to inform you that your proposal seeking for financial assistance under "Assistance to Professional Bodies & Seminar / Symposia Scheme" has been considered and recommended for the same. We are now agreed to provide **Rs.50000** to meet the expenses related to **TA/DA to Young and Senior Indian Scientists and Pre-Conference printing** as **partial grant-in-aid** to the recommended application.

The grant is only for **"Emerging trends in Industrial Robotics" Dated:** 11-Aug-2022 to 12-Aug-2022

Kindly submit the required document/ RTGS within 15 days of the receipt of this letter in order to enable us to process the file for the release of funds. In case, we do not receive the requested document within the provided time, it would be presumed that you are not interested in this offer and it would be stand withdrawn automatically. No further correspondence will be entertained thereafter.

You are requested to submit affidavit (Bond) on Rs. 100/- non-judicial stamp paper, in original (by speed / registered post), scan copy through online is also required to submit (format link- https://serbonline.in/SERB/AbstractFilePath?FileType=E&FileName=BND_SSY.pdf&PathKey=DOCUMENT_TEMPLATE).

Kindly note that, no separate communication by post would be sent to you in this regard and without prior approval from SERB, convener cannot change the event date, it may not be acceptable.

With kind regards,

(Dr. Sukumar Dey)

Scientist C

Ph:

Email: seminar.symposia@serb.gov.in

Dr. Sundari Govindarajan

ECE

Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

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With warm regards,
Dr.G.Sundari
Dean (Student Affairs)
Sathyabama Institute of Science and Technology,
Jeppiaar Nagar,
Chennai 600 119
www.sathyabama.ac.in

CSE

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

AICTE Training and Learning (ATAL) Academy (Online FDP)

F. No. 01-App No.1613639381/AICTE/ATAL-HQ/2021-22/1156 **Date: 21st October, 2021**

To
Dr. G Nagarajan
Coordinator for ATAL Online FDP,
Sathyabama Institute of Science and Tech.
Jeppiaar Nagar, Rajiv Gandhi Road
Chennai
TAMIL NADU

Sub: Release of a sum of Rs 93,000 /- [Rupees Ninety three thousand only] for AICTE Training and Learning (ATAL) Academy programme Online FDP.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 93,000 /- (Rupees Ninety three Thousand Only)** for conduct of online **AICTE Training And Learning (ATAL) Academy Programme** ***[Machine Vision and Digital Twin]*** *from* ***22.11.2021*** *to* ***26.11.2021*** to ***Sathyabama Institute of Science and Tech., Jeppiaar Nagar, Rajiv Gandhi Road, Chennai*** under AICTE **Training and Learning (ATAL) Academy.**

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

b. The cost for conducting per programme will be Rs.93,000/- as per detail given as under:

1.	Honorarium for Coordinator	Rs.	10,000/-
2.	Honorarium to Computer Operator	Rs.	2,000/-
3.	Honorarium for experts (*Rs.5000 per session for total 14 session*)	Rs.	70,000/-
4.	Provision for payment to Lab Attendant	Rs.	1,000/-
5.	Miscellaneous charges *[Petty expenses not covered above]*	Rs.	10,000/-
	TOTAL:	**Rs.**	**93,000/-**

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/ Institute through electronic transfer on the account of the University/Institute after submission of mandate form.

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have approved by coordinator attended the program with minimum **80% of attendance** and scored **minimum 60% marks** in the test.

IV. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program: -

(i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.

(ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme**.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

a. **Maximum 200 participants** may be allowed to attend online FDP. Coordinators are free to admit small number of participants depending on the feasibility.

b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have **attendance 80% or more** and also **score more than 60% in the test** will be issued a **digital certificate.**

c. These **online sessions are to be recorded** as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on Youtube of Google drive share recording link of the sessions with AICTE.

d. Eligibility for Participants:

(i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/ School Teachers and staff of host institutions.

(ii) Not more than 30% from Host Institution

e. If programme is not conducted in the financial year 2021 only, there leased amount, has to be returned back to AICTE.

f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.

g. FDP Title Name, Name of Coordinator, Institute Name is not allowed to change without permission, however schedule dates may be changes with information to ATAL Academy Cell and Regional Office.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,

[M. SUNDARESAN]
REGIONAL OFFICER
AICTE, SRO, CHENNAI

21/10

Copy forwarded for information and necessary action to: -

1. Registrar, Sathyabama Institute of Science and Tech., Jeppiaar Nagar, Rajiv Gandhi Road, Chennai .....for information.
2. ATAL Academy Cell AICTE HQ
3. Guard File.

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

AICTE Training and Learning (ATAL) Academy (Online FDP)

F. No. 01-App No.1584174715/AICTE/ATAL-HQ/2020-21/ Date: 1st January, 2021

To
The Registrar
Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai 600 119
TAMILNADU

Sub: Release of a sum of Rs 93,000 /- [Rupees Ninety three thousand only] for AICTE Training and Learning (ATAL) Academy programme Online FDP of Nine Thrust Areas and Other Emerging Areas.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 93,000 /-** (Rupees **Ninety – Three Thousand** Only) for conduct of online **AICTE Training And Learning (ATAL) Academy Programme** *[Quantum Computing] from 18.01.2021 to 22.01.2021]* to **(Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, TAMILNADU)** under AICTE **Training And Learning (ATAL) Academy.**

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

b. The cost for conducting per programme will be Rs.93,000/- as per detail given as under:

1.	Honorarium for Director	Rs.	10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs.	10,000/-
3.	Honorarium for experts (*Rs.3000 per session for total 14 session*)	Rs.	42,000/-
4.	Provision for payment to Lab Attendant engaged during lab practices	Rs.	1000/-
5.	Institutional charges	Rs.	15,000/-
6.	Miscellaneous charges	Rs.	15,000/-
	TOTAL:	**Rs.**	**93,000/-**

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution.

Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have attended the program with minimum **80% of attendance** and scored **minimum 60% marks** in the test.

IV. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: -

(i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.

(ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme**.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

a. **Maximum 200 participants** may be allowed to attend online FDP on a first come first serve basis however AICTE officials may be allowed to attend over and above 200 number. Coordinators are free to admit less number of participants depending on the feasibility.

b. **You are requested to allow new participants and discourage participants who have already done one online ATAL FDP earlier.**

c. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have **attendance 80% or more** and also **score more than 60% in the test** will be issued a **digital certificate.**

d. These **online sessions are to be recorded** as the facility is available on the software which is being used for online delivery of FDP. You are also requested to share recording of sessions with AICTE.

e. Eligibility for Participants:

(i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.) and staff of host institutions.

(ii) Not more than 30% from Host Institution

f. If programme is not conducted in the year 2020 only, there leased amount, along with interest accrued thereon, has to be returned back to AICTE.

g. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the Program with respect to name of Project Coordinator, and date for organizing online AICTE Training and Learning (ATAL) Programme would mandatorily require prior approval of the Council. All such requests should be addressed to ATAL Academy, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,

[M. SUNDARESAN]
REGIONAL OFFICER
AICTE, SRO, CHENNAI

11/11/2021

Copy forwarded for information and necessary action to: -

1. Coordinator ATAL Programme
2. ATAL Academy Cell AICTE HQ
3. Guard File.

2020

(6)

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

AICTE Training and Learning (ATAL) Academy,(Online FDP)

Date: 24th August, 2020

F. No. 01-App No.1582703995/AICTE/ATAL-HQ/2020-21/ 192-194

To
The Principal/Director/ Registrar
Sathyabama Institute of Science & Technology
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai 600 119
TAMIL NADU

Sub: Release of a sum of Rs 93,000 /- [Rupees Ninety three thousand only] for AICTE Training and Learning (ATAL) Academy programme Online FDP of Nine Thrust Areas and Other Emerging Areas.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 93,000 /-** (Rupees **Ninety –Three Thousand** Only) for conduct of online **AICTE Training And Learning (ATAL) Academy Programme** *[3D Printing & Design from 24.08.2020 to 28.08.2020]* to **(Sathyabama Institute of Science & Technology, Jeppiaar Nagar, Rajiv Gandhi Salai,, Chennai, TAMIL NADU)**, under AICTE **Training And Learning (ATAL) Academy.**

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

b. The cost for conducting per programme will be Rs.93,000/- as per detail given as under:

1.	Honorarium for Director	Rs.	10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs.	10,000/-
3.	Honorarium for experts (*Rs.3000 per session for total 14 session*)	Rs.	42,000/-
4.	Provision for payment to Lab Attendant engaged during lab practices	Rs.	1000/-
5.	Institutional charges	Rs.	15,000/-
6.	Miscellaneous charges	Rs.	15,000/-
	TOTAL:	**Rs.**	**93,000/-**

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution.

Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have attended the program with minimum **80% of attendance**and scored **minimum 60% marks**in the test.

IV. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program. -

(i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.

(ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training and Learning (ATAL) Academy programme**.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

a. **Maximum 200 participants** may be allowed to attend online FDP on a first come first serve basis however AICTE officials may be allowed to attend over and above 200 number. Coordinators are free to admit less number of participants depending on the feasibility.

b. **You are requested to allow new participants and discourage participants who have already done one online ATAL FDP earlier.**

c. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have **attendance 80% or more** and also **score more than 60% in the test** will be issued a **digital certificate.**

d. These **online sessions are to be recorded** as the facility is available on the software which is being used for online delivery of FDP. You are also requested to share recording of sessions with AICTE.

e. Eligibility for Participants:

(i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.) and staff of host institutions.

(ii) Not more than 30% from Host Institution

f. If programme is not conducted in the year 2020 only, there leased amount, along with interest accrued thereon, has to be returned back to AICTE.

g. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the Program with respect to name of Project Coordinator, and date for organizing online AICTE Training and Learning (ATAL) Programme would mandatorily require prior approval of the Council. All such requests should be addressed to ATAL Academy, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

This Sanction Order may be treated as Offer Letter for all purposes.

AICTE. SRO
DESPATCHED
Date : 26/8/2020

Yours sincerely,

[M. SUNDARESAN]
REGIONAL OFFICER
AICTE, SRO, CHENNAI

O/C 24/8/2020

Copy forwarded for information and necessary action to: -

1. Coordinator ATAL Programme
2. ATAL Academy Cell AICTE HQ
3. Guard File.

2020

(12)

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

STTP- Sanction Letter

Ref. No. 34-66/173/FDC/STTP/Policy-1/2019-20 Date 10 AUG 2020

From

Director,
Faculty Development Cell,
AICTE, New Delhi-110070

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2019-20 during the finaňcial year 2020-21– reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 285000 /- (Rupees Two Lakh EightyFive Thousand Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR, RAJIV GANDHI SALAI Tamil Nadu 600119
2.	Permanent ID of Institute	1-3672332485
3.	Institute type	Deemed University(Private)
4.	Name of Coordinator	Dr. PRAKASH SUBRAMANAIM
5.	Amount sanctioned	Rs. 285000/-
6	Amount to be released	Rs.285000/- Full & final payment
7.	Head of account	**601.15(a) Gen. Short Term Training Programme (Plan)**
8	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Digital Twin Technology for Industrial Automation Process

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAITS6572P	INDIAN BANK	Sathyabama	Jeppiaar Nagar, Rajiv Gandhi Road,	REGISTRAR, Sathyabama Institute of Science and Technology-Research	Current Account	849833721	IDIB000S201

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

a. The full amount of the grant sanctioned is being released as advance to the University/Institute.

b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.

b. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2020-21.

II Maintenance of Accounts

a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.

b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.

c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Monitoring Committee (PMC) at the end of the program and joint certificates shall be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Monitoring Committee (PMC).

(v) Report submitted by Program Monitoring Committee (PMC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**

b. **The grant released/or part thereof, if remains unutilized for any reason after expiry of stipulated time period (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of RTGS payable to Member Secretary, AICTE, New Delhi. The bank details of AICTE are as under:-**

Account No	:	**55113199952**
Name of the Account Holder	:	**Member Secretary, AICTE, New Delhi**
Bank Name	:	**State Bank of India**
Branch Name	:	**Shastri Bhawan, New Delhi**
IFSC Code	:	**SBIN0050203**

c. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within six months from the date of release of funds.

d. **If programme is not conducted within the period of six months of the release of the 100% grant, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month through RTGS.**

d. The expenditure under the Heads **'Honorarium to Course Coordinator'** and **'Honorarium to Resource Persons'** shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-66/173/FDC/STTP/Policy-1/2019-20 in your future correspondence.

i. **Steering Committee/Project Monitoring Committee (PMC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the institution (Chairperson).

(ii) (ii) Coordinator of the program (Member Secretary).

(iii) Two HoDs and one subject expert (members).

The members of the said PMC shall not be below the rank of Associate Professor. A test shall be conducted by Project Monitoring Committee (PMC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PMC report, are to be submitted to the Council at end of the program along with other mandatory documents.

j. **GoI GFR rules** (@https://doe.gov.in/order-circular/general-financial-rules2017-0) should be followed during utilization of grant.

k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Col. B Venkat)
Director (FDC)

10 AUG 2020

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
   Dr. PRAKASH SUBRAMANAIM
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI
   Tamil Nadu600119

2. **The Registrar / Director / Principal**
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI
   Tamil Nadu600119

3. **Guard File**

2020

Federation of
Indian Chambers
of Commerce and Industry

Federation House
Tansen Marg
New Delhi - 110001
T : +91 11 23738760 (11 lines)
F : +91 11 23320714 / 23721504
E : ficci@ficci.com
W : www.ficci.in
CIN : U99999DL 1956NPL002635
ISO 9001 : 2015 Certified

File No. - DCS/2019/000334

Dated: 15/01/2020

ORDER

On behalf of Department of Science & Technology (Govt of India), sanction of Federation of Indian Chambers of Commerce and Industry (FICCI) is hereby accorded for award of Research Training Fellowship- Developing Countries Scientist (RTF-DCS) to Ms. Nandintsetseg Nyam-Osor, Institute of Geography and Geoecology, Mongolian Academy of Sciences, Mongolia for a period of 6 months starting from 10th April 2020 to 20th October 2020, as per the details given below –

Research Topic	Name of the awardees	Indian Host Institute and duration of the Fellowship
Detecting convective clouds over mongolia using multi-spectral satellite observations, Ocean, Earth & Atmospheric Sciences.	Ms. Nandintsetseg Nyam-Osor, Institute of Geography and Geoecology, Mongolian Academy of Sciences, Mongolia.	Dr K Nagamani and Dr Anoop Kr Mishra, Scientist C and Scientist F, Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai.

The break- up of estimated expenditure is indicated as below-

S. No.	Items of expenditure	Amount
i.	Fellowship amount @Rs. 50,000/- per month for 6 months (all inclusive of accommodation and food etc)	Rs. 3,00,000
ii.	International airfare from the nearest international airport from the place of employment and back by lowest economy class and subject to actuals.	Rs. 50,000/-
iii.	One time research contingency grant for research expenses, airport transfers, visa fee (if any), domestic travel etc.	Rs. 30,000/-
iv.	Additional one time grant to cover overhead expenses for Indian host Institute. **Note: 50% of the additional one time grant will be transferred to host institute at the start of the fellowship, and remaining 50% on submission of the completion report to DST and FICCI**	Rs. 20,000/-
	Total	Rs. 4,00,000/-

The total amount of Rs. 3,50,000/- be released to Sathyabama Institute of Science and Technology, Chennai. The details of the designated bank account of Sathyabama Institute of Science and Technology, Chennai are attached.

The award of this fellowship is subject to the following conditions-

i. The air ticket for international travel shall be arranged by FICCI by lowest economy class by shortest route on receipt of travel itinerary from fellowship awardees. The fellowship amount sanctioned at (i) and (iii) above shall be released and kept at the disposal of the Indian host University i.e., Sathyabama Institute of Science and Technology, Chennai for incurring the expenditure

ii. No re-appropriation of funds from one sub-head to another is allowed.

iii. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with refund of un-spent balance amount and the technical report of the work done by the fellowship holder within one month of completion of the fellowship period.

(Mr. Nirankar Saxena)
Deputy Secretary General, FICCI

To,

1. Mr. RK Sharma, Scientist-F (Jt. Adviser Grade), International Multilateral & Regional Cooperation (IMRC), Department of Science & Technology (DST)
2. Ms. Ritika Kishore, Deputy Director, FICCI (RTF-DCS Secretariat)
3. Ms. Nandintsetseg Nyam-Osor, Institute of Geography and Geoecology, Mongolian Academy of Sciences, Mongolia.

Copy to:

1. Dr K Nagamani and Dr Anoop Kr Mishra, Scientist C and Scientist F, Sathyabama Institute of Science and Technology, Chennai
2. Head (IMRC), DST, New Delhi-110016
3. Chief Financial Officer, FICCI
4. Sanction folder/file

(Mr. Nirankar Saxena)
Deputy Secretary General, FICCI

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूरु - 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्सिमिल: M.A. Paul
Associate Director, RESPOND & AI
CBPO

इसरो isro

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bengaluru - 560 231, INDIA
Tel (Off) : +91 80 2341 5474
Fax :
☎: 080-23415269/22172269
FAX-080-23412471
email: respond@isro.gov.in

No. ISRO/RES/3/860/19-20

February 04, 2020

Dear Dr. Dinesh Kumar,

Subject: RESPOND Project - "Investigation on High Temperature Oxidation Behaviour of Super Alloys and Stainless Steel for Strategic Applications" - reg

---

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. In this regard, I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of Two Years** with a total outlay of **₹16.94 Lakhs (Rupees Sixteen Lakh and Ninety Four Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of grant of **₹7.07 Lakhs (Rupees Seven Lakh and Seven Thousand only)** towards meeting the expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, VSSC, Thiruvananthapuram (Attn:Shri S Sridharan, Respond Coordinator, VSSC, Thiruvananthapuram)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560094 and Director, VSSC, Thiruvananthapuram (Attn: Shri S Sridharan, Respond Coordinator, VSSC, Thiruvananthapuram) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through **National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE** (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. You may kindly intimate us and send the details of JRF after appointment.

You may kindly note that, as per the govt. of India rules, the interest accrued on the amount shall not be used for project purpose and it is mandatory to refund the interest amount accrued in your project to the **Consolidated Fund of India** at the completion of one year. The amount shall be refunded through a Demand Draft (DD) drawn in favor of Pay & Accounts Officer, Dept. of Space Bengaluru. The DD shall be sent to the Pay & Accounts Officer, Dept. of Space, Antariksh Bhavan, ISRO HQs, New BEL Road, Bengaluru: 560 094.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to The Registrar, Sathyabama Institute of Science & Technology, Chennai) at the earliest.

With Best Regards,

Yours sincerely,

(M.A. Paul)

Dr. D Dinesh Kumar
Scientist-C
Centre for Nanoscience & Nanotechnology
Sathyabama Institute of Science & Technology
Jeppiar Nagar, Rajiv Gandhi Salai
Chennai : 600 119
Tamil Nadu.

CC: Director, CBPO, ISRO HQ
Director, VSSC, Thiruvananthapuram
Pro-Vice Channcellor, SIST, Chennai, TN
Registrar, SIST, Chennai, TN
Dr. Govind, MME, VSSC, Thiruvananthapuram
Shri S Sridharan, Respond Coordinator, VSSC, Thiruvananthapuram

FILE NO. TAR/2019/000247
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Mar-2020

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. **Stalin Dhas T, Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119**- under the mentorship of N. Sujatha, at **Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned grant at a total cost of **Rs. 18,30,000/- (Rs.** Eighteen Lakh Thirty Thousand **Only)** for a duration of 36 months.
The date of start of the project will be 28 February, 2020 .The items of expenditure for which the total allocation of **Rs. 18,30,000/-** has been approved are given below:
The following budget is proposed for

Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of **Rs. 2,75,000/-** (Rupees Two Lakh Seventy Five Thousand only) to **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai , Rs. 3,35,000/-** (Rupees Three Lakh Thirty Five Thousand only) to **Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)
This release is being made under Teachers Associateship For Research Excellence (TARE). (Health Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/10877/2019-2020** dated **11 March, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 2,75,000/-** (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 (Parent Institute) :

PFMS Unique Code	SU
Account Name	Sathyabama Institute of Science and Technology - Research
Account Number	6089858032
Bank Name & Branch	Indian bank Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai - 600 119, Tamilnadu
IFSC/RTGS Code	IDIB000S201
Email address of PI	stalin8733@gmail.com
Email id of A/C Holder	registrar@sathyabama.ac.in
Email address of concerned officer	ms_tare@serbonline.in

The release amount of **Rs. 3,35,000/-** (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036 (Host Institute) :

PFMS Unique Code	IITM
Account Name	The Registrar, Indian Institute of Technology - Madras
Account Number	2722101016150
Bank Name & Branch	CANARA BANK Canara Bank, IIT-Madras Branch, IIT-M Campus Post Office, Sardar Patel Road, Guindy, Chennai 600036
IFSC/RTGS Code	CNRB0002722
Email address of PI	stalin8733@gmail.com
Email id of A/C Holder	deanicsr@iitm.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9.Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **TAR/2019/000247** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring **"FUND FOR SCIENCE AND ENGINEERING RESEARCH"** payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**(i) Dr. Stalin Dhas T** **Centre for Ocean Research** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: stalin8733@gmail.com** **Mobile: 918144504346** **(ii) N. Sujatha** **Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**(i) Registrar,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** **(ii)The Registrar** **Indian Institute of Technology Chennai I.I.T. Post Office Chennai - 600036** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूरु - 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो ISRO

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangaluru - 560 231, INDIA
Tel (Off) : +91 80 2341 5474
Fax :

20

Dr. M.A. Paul
Assoc. Director, RESPOND & AI
CBPO

☎: 080-23415269/22172269
FAX-080-23412471
email:respond@isro.gov.in

No. ISRO/RES/3/865/21-22

June 15, 2021

Dear Dr. Preethi,

Subject: RESPOND Project-"Fabrication of Silicon based Nanocomposites for High Energy Density Li-Ion Anodes"-reg.

This has reference to your email dated March 24, 2021 requesting for approval of appointment of Project Associate- I in lieu of JRF in the above mentioned project. In this regard, I wish to inform you that, the Department has approved the request for appointment of the "Project Associate- I" in lieu of the JRF position in your project.

You may kindly note that, the educational qualification required for a "Project Associate- I" is Master's Degree in Natural or Agricultural Sciences/MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent. The upper age limit for "Project Associate- I" is 35 years. The fellowship amount and all other service conditions of the Project Associate-I are as per the DST order No. SR/S9/Z-05/2019 dated August 21, 2019.

You may kindly submit the details of the Project Associate- I after the appointment to our office.

This approval is subject to all other terms and conditions as per our earlier letter even no. dated February 04, 2020.

With Best Regards,

Yours sincerely,

Neelpama Pawar
for (M.A. Paul)

Dr. Preethi L K
Scientist C
Centre for Nanoscience and Nanotechnology
Sathyabama Institute of Science and Technology
Chennai: 600 119
Tamil Nadu

CC: Director, CBPO, ISRO HQ
Pro-Vice Chancellor, Sathyabama Institute of Science & Technology, Chennai
Registrar, Sathyabama Institute of Science & Technology, Chennai
Smt. Sujatha, PCM, VSSC, Thiruvananthapuram
Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram

(21)

26588204-26588662-26589620

ICMR

तार / GRAM : चिकित्सी / SCIENTIFIC
Website : www.icmr.nic.in
E-mail : icmrhqrs@mail4.nic.in

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH
वी. रामलिंगस्वामी भवन, अंसारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 36/5/2020-Toxi/BMS

Date: 14.01.2021

Subject:- Payment of 1st & 2nd installment of the 1st year grant-in-aid for the "Developmentof venom based antiepileptic peptide targeting na channels and deciphering the mode of action in Zebrafish Model" under Dr. Rajesh R P, Scientist C, Sathyabama University, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai.

MEMORANDUM

The Director General of the ICMR sanctions grant of **Rupees 10,20,118/- (Rs. Ten Lakh Twenty thousand One hundred Eighteen only)** as the 1st & 2nd instalment of 1st year grant for the period from **22.01.2021 to 21.01.2022** for incurring expenditure in connection with the above mentioned project.

The amount of **Rupees 10,20,118/- (Rs. Ten Lakh Twenty thousand One hundred Eighteen only)** may be debited under the provision made of **Rs. 10,20,118/-** on the above mentioned research project for the year 2020-2021.

A formal bill for Rs. 10,20,118/- is sent herewith for payment of Rs. 10,20,118/- in favour of The Director, Sathyabama University, Institute of Science and Technology, Chennai is issued with the concurrence of the Finance Division, vide RFC No. – BMS/Adhoc/19/2020-21 dated: 08.01.2021.

(G.S.Sandhu)
Sr. Admn. Officer
for Director General

Copy to:-

1. The **The Director, Sathyabama University, Institute of Science and Technology, Chennai-600 119.**
2. Dr. Rajesh R P, Scientist C, Sathyabama University, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600 119.
3. Accounts - V.
4. Copy together with the budget forwarded to Budget Section [Finance Section] for compilation of the Council Budget.
5. ISRM ID No.2020-3043

Admn. Officer
For Director General

2020-2021

Dated: 3rd March 2020

F. No. 61-22/IDC/SPDC/POLICY-1/2019-20

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

SPDC- Sanction Letter

(24)

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi - 110070.

Subject: Release of a sum of **Rs. 7,16,641/- (Rupees Seven lakh sixteen thousand six hundred forty-one only)** being the 1st installment of the total grant of Rs. 14,33,283/- to conduct the program under the scheme **Skill and Personality Development Program Centre for SC/ST students (SPDC)** for the year 2019-20 payable during the current financial year 2019-20-reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs. 7,16,641/- (Rupees Seven lakh sixteen thousand six hundred forty-one only)** as 1st installment out of the total approved grant-in-aid of Rs. 14,33,283/- for running of Skill and Personality Development Program Centre for SC/ST students under the Scheme **Skill and Personality Development Program Centre for SC/ST students (SPDC)**, as per details given below:

1	Name and address of the Beneficiary Institution:	**Director/ Principal/ Registrar, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI CHENNAI CHENNAI Tamil Nadu-600119**		
2	Permanent ID of institute:	**1-3672332485**		
3	Title of Programme:	**SIST - Skill and Personality Development Program - Centre for SC/ST Students**		
4	Name of Coordinator:	**Dr. T SASIPRABA**		
5	Duration of the Programme:	3 Years		
6	Grant-in-aid Sanctioned:	**Total: Rs. 14,33,283/-**	Non-Recurring (85%): **Rs. 12,18,290/-**	Recurring (15%): **Rs. 2,14,992/-**
7	Amount to be released during the year 2019-20:	**Total: Rs. 7,16,641/-**	Non-Recurring (85%): **Rs. 6,09,145/-**	Recurring (15%): **Rs. 1,07,496/-**
8	Sanctioned grant-in-aid is debitable to:	**Major Head 601.1 (b) SPDC Plan Head**		

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the grant-in-aid bill and shall be disbursed to and credited to the account of Director/Principal/Registrar of the institute through RTGS.
2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds

a) The Principal/ Director of the institute and the Coordinator of the program are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, against which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAITS6572P	INDIAN BANK	Sathyabama	Jeppiaar Nagar, Rajiv Gandhi Road,	REGISTRAR, Sathyabama Institute of Science and Technology-Research	Current Account	849633721	IDIB000S201

In case of any omission the same should be reported to AICTE immediately.

b) This sanction is issued in exercise of the powers delegated to the Council and other terms and condition laid down in the guidelines of the scheme.

II. Schedule of Funding and Duration of Program

a) 1st year: 1st installment (50% of the sanctioned grant) is being released as advance.
2nd Year: 2nd installment (40% of sanctioned grant) after receipt of requisite documents.
3rd Year: 3rd installment (10% of sanctioned grant) after receipt of requisite documents.
b) The date of release of the grant by AICTE shall be taken as the date of commencement of the scheme.
c) The duration of the program is for three years.

III. Submission of documents by college/institution to AICTE on receipt of grant

a) Acknowledgement of receipt of the grant and acceptance of terms and conditions within 15 days of receipt of Sanction Letter.

b) Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned program has been started/is in progress.

c) Intimation regarding the constitution of Program Evaluation Committee (PEC).
PEC is required to be constituted at institutional level. The constitution of the PEC shall be as under:

i. Principal/Director/Registrar of the institution (Chairperson)
ii. Coordinator of the scheme (Member Secretary)
iii. Two HoDs and one subject expert(members).

The members of the said PEC shall not be below the rank of Associate Professor.

IV. Maintenance of accounts

a) The Institute shall strictly follow the provisions laid down in the scheme document and Sanction Letter No. F. No. 65-22/IDC/SPDC/Policy-1/2019-20 dated 03.03.2020 issued by this office. All correspondence related to the scheme must contain this number along with year of sanction of the scheme; failing which correspondence will not be entertained.

b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.

c) The University/College/Institute shall maintain proper accounts of the expenditure out of the grant, which shall be utilized only on approved items of expenditure (list enclosed).

d) The Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned. The accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

V. Refund of grant to AICTE (by way of a demand draft in favour of Member Secretary, AICTE, New Delhi)

a) If the program is not started within six months of the receipt of the grant, the released amount, along with interest accrued thereon, has to be returned to AICTE.

b) The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year of completion of program.

c) It may be ensured that the scheme is completed within the stipulated time. If the scheme is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

VI. **Submission of documents by institution in subsequent years**

The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of subsequent year:

a) **The Annual Progress Report (APR)** in the prescribed format along with Statement of Expenditure and Audited Utilization.

b) **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE. It should contain the head- wise break up of expenditure made from the grant-in-aid provided by the Council. In case of self- financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.

c) **Scheme Completion Report (SCR)** in the prescribed format along with the copies of **invoice/bills** for the equipments purchased and copy of **stock entry register** where entry of the equipments have made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and **GFR-19 shall** be submitted to the Council. Photocopies of formats are enclosed.

d) A complete Status Report of the project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views.

e) Report of Program Evaluation Committee (PEC).

f) The minutes of the meetings of Program Evaluation Committee (PEC) are to be submitted to the Council at the end of the scheme along with other mandatory documents.

g) The University/Institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of SPDC Scheme. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the SPDC scheme shall invite a penalty of 10% of the total sanctioned amount of the SPDC scheme, to be deducted from the balance amount of 2nd installment.

VII. **General Instructions**

a) The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular scheme. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the scheme. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE should adjust the same in the next installment of grant before its release.

b) Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant.

c) Any unavoidable circumstantial change in the scheme with respect to name of Scheme Coordinator for the SPDC scheme would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

d) The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register or assets shall be maintained by the institute in the prescribed form i.e. GFR-19.

e) The University / Institute receiving grant under SPDC is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the scheme should be superscribed with AICTE scheme file number.

f) The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/ support from AICTE, carrying the Logo of AICTE in program and other means.

g) Any change in the equipment's recommended/sanctioned shall not be acceptable in any circumstances.

h) Any expenditure above the sanctioned amount of grant is to be incurred from institute's own funds.

i) The Institute/University shall not charge any overhead on this program and will provide all the administrative support for completion of the program.

j) The assets acquired wholly or substantially out of AICTE's grant shall not be disposed or encumbered or utilize for the purpose other than those for which the grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE, New Delhi

k) Kindly mention the File No. 65-22/IDC/SPDC/Policy-1/2019-20 in your future correspondence.

l) GOI General Financial Rules (GFR) should be followed during utilization of grant. URL addresses http://doe.gov.in/orders-circular/GFR.

m) All the proformas related to SPDC scheme may be found at https://www.aicte-india.org/schemes/institutional-development-schemes

VIII. List of Equipment Approved

S.No.	Name of the Equipment	SPECIFICATIONS
1.	Desktop Computers	Core I3 Processor, 8GB RAM, 1TB HDD
2.	Computer Table Chair	Chair with writing pads
3.	HP Laser jet Printer	Multi Function Printer M132 a
4.	Interactive Board	Digital Board
5.	LCD Projector	LCD Projector

Yours sincerely,

Dr. Neeraj Saxena
Advisor-II (IDC)

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator**
   Dr. T SASIPRABA,
   Computer/IT Engineering,
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI CHENNAI
   Tamil Nadu-600119.

2. **The Registrar /-Director / Principal,**
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI CHENNAI
   Tamil Nadu-600119.

3. **Guard File.**

25

FILE NO. EEQ/2020/000376

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 07-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled **"Ocean Acidification and its Impact on Benthic Calcareous Organisms: Implications from Palk Strait, Bay of Bengal "** under the guidance of Dr. Puliyakurichi Mookkan Velmurugan, Center for Earth and Atmospheric Science, Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 3725860/-** (Rs. Thirty Seven Lakh Twenty Five Thousand Eight Hundred and Sixty **Only)** with break-up of Rs. *800000/-* **under Capital (Non-recurring) head** and Rs.*2925860/-* **under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3725860/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> High End Microscope with Digital Camera/Computer/Software	800000
A'	*Total (Non-Recurring)*	***800000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	1443360 1110000 35000
2	Recurring - IV : (Overhead Charges)	337500
B'	*Total (Recurring)*	***2925860***
C	**Total cost of the project (A' + B')**	3725860

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 800000/-** (Rupees Eight Lakh only) under 'Grants for creation of capital assets' and **Rs. 1000000/-** (Rupees Ten Lakh only) under 'Grants-in-aid General' to **REGISTRAR, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **04 December, 2020** and vide Diary No. **SERB/F/5198/2020-2021** dated **07 December, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 1800000/-** (Rupees Eighteen Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	SU
Account Name	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
Account Number	6089858032
Bank Name & Branch	INDIAN BANK SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR CHENNAI 600119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	velapmv@gmail.com

12.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2020/000376 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

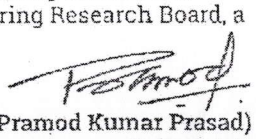
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

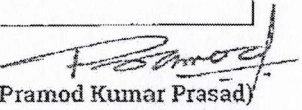
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Puliyakurichi Mookkan Velmurugan** **Center for Earth and Atmospheric Science** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: velapmv@gmail.com** **Mobile: 919087512526** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)



(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

(26)

Tel: 26588204-26588662-26589620

ICMR
INDIAN COUNCIL OF MEDICAL RESEARCH

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH
वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110029

Speed Post

No 61/7/2020-DDI/BMS

Date: 28.12..2020

The Registrar,
Sathyabama Institute of Science & Technology,
(Deemed to be University) Chennai 600019

Subject:- Sanction of budget allotment for the new Adhoc Research proposal entitled "Characterization of targeting small molecules for drug development, isolated from regenerating earthworms having potential wound healing and anti-bacterial properties"

Sir/Madam,

The Director General of the ICMR sanctions the above mentioned research scheme initially for the period of one year initially from 1.1.2021 subject to extension up to the total duration specified in para 4 below:-

1. The Director General of the ICMR also sanctions the budget allotment of Rs. 8,34,118/- as detailed in the attached statement for the period from 1.1.2021 to 31.12.2021. The grant-in-aid will be given subject to the following conditions.
2. The payment of the grant will be made in lump-sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding appointment of the staff is received by the Council. The Staff appointed on the project should be paid as indicated in the budget statement.
3. The staff on the project will be recruited as per the rules and procedure of the host institute and second part of the undertaking be obtained from the employees of the project. The staff grant will not be released unless the required undertaking [part-II] from Head of the Institute is received in this office.
4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma. The approved duration of the scheme is One years. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Five copies of the annual progress report should be submitted to the Council every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.
6. Subject to the condition that the grant will be utilize after following the provisions laid down in the GFRs-2017 & TA Rules Please keep the fund in the separate saving Bank Account opened for ICMR funded Research projects so that interest earned thereon is credited into the accounts.

The receipt of this letter may please be acknowledge.

Yours faithfully,

(G.S.Sandhu)
Sr. Admn. Officer
For Director General

Copy together with a copy of the budget statement forwarded to information to

1. Dr. S. Johnson Retnaraj Samuel, Scientist-C, Molecular & Nanomedicine Research Unit, Sathyabama Institute of Science & Technology, (Deemed to be University) Chennai 600019
2. Accounts. V. for information.
3. Copy together with the budget forwarded to Budget Section [Finance Section] for compilation of the ICMR Budget
4. IRIS Cell No. 2020-4306

196-62

27

Ref. No.BT/AIR0846/PACE-18/19

Dated : 03 September, 2020

Sub: Funding of Project entitled **"Production, characterization and scaling-up of earthworm coelomic fluid based serum-free cell culture medium for animal cell culture"** for funding under ACADEMIC INNOVATION RESEARCH (AIR) under Promoting Academic Research Conversion to Enterprise (PACE)

GRANT-IN-AID LETTER AGREEMENT

This Grant-in-aid Letter Agreement (hereinafter called as "GLA") is between Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 2013 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi-110003 (the "BIRAC") and the entity mentioned below for research proposal entitled " ***Production, characterization and scaling-up of earthworm coelomic fluid based serum-free cell culture medium for animal cell culture***"

1. **Recipient(s) and Designated Project Investigator(s):**

S. No.	Recipient(s)	Designated Project Investigator
1	**Sathyabama Institute of Science and Technology** having its office at **Sathyabama Institute of Science and Technology,(Deemed to be University), Jeppiaar Nagar, Rajiv Gandhi Salai,Chennai – 600 119.Tamilnadu, India,** hereinafter referred to as the "Institute" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees).	**Dr. Johnson Retnaraj Samuel** Scientist 'C' **Sathyabama Institute of Science and Technology** Molecular and Nanomedicine Research Unit, International Research Centre, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119 johnnbt@sathyabama.ac.in

2. **Aims & Objectives:**

The detailed aims and the objectives that are to be executed by the aforesaid are as per the detailed Project document, submitted including revisions/modifications incorporated therein (hereinafter called as "Project") and appended herein as Schedule 3.

The main objectives proposed to be achieved from the project are enumerated hereunder:

1) To analyze the plating efficiency, clonal efficiency, expansion, differential potential, adaptation ability and growth performance test using Coelomic Fluid CF collected from the earthworm, Perionyxexcavatus, Endotoxin and sterility testing and characterization of the chemical components of CF.
2) Optimization of the parameters to use CF in the cell culture.
3) To adopt a technique for the mass production of Heat Inactivated CF and to analyses the

BCXIXD

S. Johnson Retnaraj Samuel
S. Jackson Durairaj

batch-wise variation effect of CF for product commercialization.

3. **Project Duration:** The Recipient shall complete the Project within the stipulated period of **18** months from the date of acceptance of the GLA by all the recipients. In the event the Parties affix their signatures to this GLA on separate dates, the GLA shall be effective from the date on which the last set of signature is affixed thereto **"Effective Date"**. Project Duration is subject to the Change order(s) issued by the BIRAC from time to time.

4. **Project Implementation Site:**
Sathyabama Institute of Science and Technology,
(Deemed to be University),
Centre for Nanoscience and Nanotechnology,
International Research Centre, Jeppiaar Nagar,
Rajiv Gandhi Salai, Chennai – 600 119.
Tamilnadu

5. **Project Cost and Contribution:** The total estimated cost of the Project is **Rs. 27.00** Lakhs (Rupees Twenty-Seven Lakhs only). The contribution of BIRAC is **Rs. 27.00** Lakhs (Rupees Twenty-Seven Lakhs only) as Grant-in-aid to the **Sathyabama Institute of Science and Technology.** on the terms and conditions detailed in this GLA.

6. **BIRAC Budget break-up (Rs.in Lakhs):**

Details	**Support under PACE to Sathyabama Institute of Science and Technology**	**Total**
Non-recurring	2.70	2.70
Recurring	24.30	24.30
Total	**27.00**	**27.00**

BUDGET Break-up Recurring(Rs In Lakhs)		
Recurring items	**Contribution by BIRAC to Sathyabama Institute of Science and Technology**	**Total**
Manpower	9.00	9.00
Consumables	8.00	8.00
Travel	0.80	0.80
Outsourcing	3.00	3.00
Contingency & Other Costs	3.50	3.50
Total	**24.30**	**24.30**

Non-Recurring items		
Equipment	2.70	2.70
Accessories	0.00	0.00

BCX1XD

Sanjay Saxena

S. Thomas Ravi Samuel.

S. Jackson Duraisraj

No.12014/78/2020-HR/E-Office:8047109

Government of India
Ministry of Health and Family Welfare
(Department of Health Research)

28

2nd Floor, IRCS Building,
Red Cross Road, New Delhi-01
Date:

ORDER

Subject: HRD Scheme of the Department of Health Research for **"Young Scientist"** – project titled "IN-VITRO FUNCTIONAL ORGAN MODEL DEVELOPMENT FOR PROSTATE CANCER & ITS MOLECULAR CHARACTERIZATION" PI: **Mr. KarthikeyanChelladurai.**

With the approval of the Competent Authority, sanction is accorded for funding of the project titled "IN-VITRO FUNCTIONAL ORGAN MODEL DEVELOPMENT FOR PROSTATE CANCER & ITS MOLECULAR CHARACTERIZATION" to **Mr. KarthikeyanChelladurai**under **Young Scientist** - HRD Scheme of the **Centre for Nanoscience& Nanotechnology, Sathyabama University, Col. Dr. Jeppiaar Research Park, Jeppiaar Nagar, Rajiv Gandhi Road, Kanichipuram, Chennai, Tamilnadu–600119**on the terms and conditions detailed here under:-

2. The objectives of the project shall be:-
   i. Dissection, in-vitro culturing and maintenance of earthworm prostate gland (organ).
   ii. Standardization of drug concentration followed by induction of (adeno) carcinoma in prostateorganinvitro.
   iii. To assess the cancer formation by phenotypic and microscopical analysis.
   iv. To examine the in-vitro cancer induction of prostate organ by histopathological analysis.
   v. Molecular characterization of in-vitro prostate organ cancer by immunohistochemistry andimmunoblotting analysis.
   vi. To evaluate the mRNA expression of targeted coding genes and specific none coding gene.

3. **PI: Mr. Karthikeyan Chelladurai** shall be responsible to carry out the project work under guidance/ mentorship of **Dr. S. Jackson Durairaj**, Scientist-C, Centre for Nanoscience& Nanotechnology, Sathyabama University, Col. Dr. Jeppiaar Research Park, Jeppiaar Nagar, Rajiv Gandhi Road, Kanichipuram, Chennai, Tamilnadu - 600119.

4. The duration of the project shall be for **3 years** only.

5. **The date of project start shall be effective from the date of joining of PI as Young Scientist in the project after sanction of grant or joining should not be later than 15 working days from the issue of the forwarding letter & sanction order.**

6. The budget for the project shall be **Rs.2885402/- (Rupees Twenty Eight Lakhs Eighty Five Thousand FourHundredTwo Rupees Only)** as per the details indicated in the attached statement [Annexure-I].

7. The grant for the first year for **Rs.11,24,762/- (Rupees Eleven Lakhs Twenty Four Thousand Seven Hundred Sixty Two Only)**is released as detailed in the attached statement [Annexure-II].

8. Further grant will only be released on the basis of work performed by the PI in this project which is subject to the review by the Technical Evaluation Committee of the Department and recommendations thereon.

9. The payment of grant-in-aid will be further subject to the GRF-2017/DFPR-1978/Receipt and Payment Rules 1983 (as amended from time to time) and also subject to the following terms and conditions:

i. The grant of the project will be released in favor of "**Sathyabama University – Research, Tamilnadu**".

ii. The Host Institute would be required to submit the Quarterly/annual progress report, the final completion report and the audited Utilization Certificate annually by the end of March as per GFR -238 etc., as per provisions of the scheme guidelines.

iii. Steps to procure the approved equipment should be initiated immediately (to avoid escalation of cost) by following the GFR guidelines/ prescribed norms of the State Govt.

iv. The salary of staff appointed on the project should be paid as indicated in the budget statement attached. An undertaking would be furnished by the host institution that the staff will be engaged for the project purely on contractual basis and would have no claim to a permanent employment with the DHR. No alteration in the staff approved can be made by the institute/research Organization without the permission of DHR.

v. The Institute shall not dispose of or encumber or utilize the assets acquired wholly or substantially out of the Government grant for purpose other than those for which the grant has been sanctioned without prior sanction of the Government.

vi. The Institute shall maintain a separate account for funds received and expenditure incurred under the said scheme.

vii. If the grant or any part thereof is not utilized for the purpose for which it is sanctioned, it shall be refunded to the DHR immediately.

viii. The Institute should maintain a register in Form GFR-22 of the payment and semi-permanent assets acquired to the DHR immediately.

ix. The register of assets maintained by the Institute shall be made available for scrutiny by the Audit.

x. A utilization certificate in proforma prescribed (GFR 12-A) and the audited statement of accounts should be furnished to the DHR to enable the Government to satisfy themselves that the amount has been utilized for the purpose for which it was sanctioned. These documents should be sent to the DHR immediately after the closure of the current financial year and in any case not later than the end of the third month of the next financial year. (format enclosed)

xi. The accounts of the grantee institution shall be open to inspection by the sanctioning authority and audit both by the CAG of India under the provision of CAG(DPC) Act, 1971 and internal audit wing of the O/o CCA of the Ministry, whenever the institution of organization is called upon to do so.

xii. Grantee/institution receiving the grant shall furnish Achievement-cum performance report (final) two months prior of the scheduled period of the project.

xiii. Utilization of Travel Grant, Contingency Grant, etc would be as per the Guidelines of the Scheme, which are available on the website of DHR (www.dhr.gov.in)

xiv. DHR guidelines for the extramural projects as available on the ICMR website may also be followed.

xv. Any change in sanctioned budget /salary component/ staff or any component of the approved project will not be entertained.

10. **Other Terms & Conditions of the Grant:**

I. The payment of the grant will be made by the Electronic transfer/ Demand Draft/ Cheque and the receipt of the same shall be duly acknowledged by the Institute.
The Institute should register on PFMS portal to receive funds electronically from the DHR.
All the expenditure, transfer and advances shall be maintained on PFMS portal for monitoring of funds /grant by DHR.
The utilization certificate generated from the PFMS portal will only be accepted and further grant will be release on the basis of utilization certificate.

II. After completion of the project/activity the ownership of the physical and intellectual assets created or acquired out of the funds granted shall vest with the Department.

III. Expenditure should on no account exceed the budget sanctioned for the project. Re-appropriation of savings to meet excess expenditure under various sub heads shall not be made without the approval of the DHR. No expenditure shall be incurred on items not sanctioned under the scheme.

IV. **UTILIZATION OF CONTINGENT GRANT**

A. This is meant for recurring as well as non-recurring expenditure. The contingent grant can be utilized for purposes like, but not limited to:

i. Acquisition of books and documents of relevance to the research topic in case these are not available in the library, these would become the property of the Institution library and after purchase and accession may be issued to Department/Scientist till they are needed.
ii. Charges for specialized investigations for which facilities do not exist in the host institute.
iii. Publication charges/ reprints/ off prints of research papers published as an outcome of the research.
iv. Data entry charges
v. Printing of questionnaire
vi. Computer utilities, charges for analysis of data (computer charges)
vii. Typing of research reports including preparation of the final report
viii. POL
ix. Communication charges
x. The grant cannot be used for purchase of furniture items/ office equipments such as telephone, fax machine, computers etc.

B. For contingency grant exceeding Rs.25,000/- per annum detailed breakup should be given.

V. Extension beyond the approved duration would not be entertained. If interesting/ important leads emerge that need to be followed-up, a separate proposal may be submitted. Only in exceptional cases, where a valid justification exists, and recommended by the Technical Evaluation Committee and Project Approval Committee an extension can be considered to complete the project.

VI. The host Institute would be required to submit an annual progress report and also give audited statement of expenditure by the Auditor of the research Organization/Institute etc. However, the first progress report should be submitted at least three months prior to the completion of the annual report.

VII. At the completion of the project, the final report should be sent in the prescribed format. The report should be submitted not later three months from the date of completion of the project. Failure to submit the Annual/Final report in time may lead to termination of the project without any notice.

The receipt of the letter may kindly be acknowledged.

Digitally signed by VED PRAKASH SINGH
Date:Tue Jul 07 15:27:08 IST 2020
Reason: Approved

(Dr. V.P. Singh)
DDG (ICMR) & Scientist-E
Department of Health Research
Tel No. 23736088

Copy to:

1. Mr. KarthikeyanChelladurai,C/o Dr. S. Jackson Durairaj, Scientist-C, Centre for Nanoscience& Nanotechnology, Sathyabama University, Col. Dr. Jeppiaar Research Park, Jeppiaar Nagar, Rajiv Gandhi Road, Kanichipuram, Chennai, Tamilnadu - 600119.
2. Sathyabama University – Research, Tamilnadu.
3. The Secretary, DHR & DG, ICMR – For information please.

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Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri S. Pramanik
Programme Officer (WWM)

BRNS Secretariat, 316-C,
CFB, BARC, Trombay,
Mumbai - 400085

No: 56/14/03/2020-BRNS/36152

Date: 12/11/2020

OFFICE MEMORANDUM

Sub: **R/P entitled "Development of antifouling technologies against green mussel fouling for process coolingwater system of MAPS" under Dr. D Inbakandan, SO/E-Centre for Ocean Research, Sathyabama Instituteof Science and Technology, Chennai, Tamil Nadu, 600119. bearing sanction 56/14/03/2020-BRNS with WWM, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for **3 years** beginning from financial year **2020-2021** with a total grant of **Rs. 33,97,100/- (Rupees thirty three lakh ninety seven thousand one hundred only)** for the project as under :

Item of expenditure	Year 1 (2020-2021)	Year 2 (2021-2022)	Year 3 (2022-2023)
Staff Salary - JRF	372000	372000	0
Staff Salary - SRF	0	0	420000
Technical Assistance	180000	180000	180000
Consumables	350000	350000	400000
Travel - PI	50000	50000	50000
Overheads	71400	71400	78750
Total(INR)	**1023400**	**1023400**	**1128750**

JRF salary calculated @31,000/- p.m. for first two years and on re-designation by committee on in third year as SRF @ 35,000/- p.m.

Please note that as per the government orders under **Direct Benefit Transfer (DBT)scheme, the staff salary has to be transferred to his/her bank account**. Accordingly, Aadhar Number(UID) of the appointed staff, Bank Account details and the Mobile number linked to the bank account should be obtained and it should be intimated to this office.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads **(Rs. 2,21,550/-)** shall be released only on meeting the requirements specified (See Annex-B).

2. I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 10,23,400/- (Rupees ten lakh twenty three thousand four hundred only)** towards grant for the year 2020-2021 .
3. The expenditure involved is debitable to: **03 3401 00 004 27 0231.**
4. This is issued with the concurrence of the competent authority in the Department.

13/11/2020

S. Pramanik

Pay & Accounts Officer,
DAE, Mumbai - 400 001.

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Director, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, 600119..
4. Principal Investigator(PI): Dr. D Inbakandan, SO/E-Centre for Ocean Research, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, 600119..

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 6089858032, A/C Name: Sathyabama University - Research, IFSC: IDIB000S201, Indian Bank, Sathyabama University Branch, Sollinganalloor, Chennai.

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) A sticker of the BRNS LOGO (Copy Enclosed) should be pasted on all the items procured under the project.

iii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer WWM:

a) Claim in Form-II quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, alongwith HRA CLAIM (if applicable), should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.

e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.

f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at https://brns.res.in. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer WWM, 316-C, Common Facility Building, BARC, Trombay, Mumbai-400085:

a) Claim in Form-II quoting reference of the renewal sanction.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

a) Claim Form-II if any,

b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.

c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (WWM) : Dr. A K Ghosh, akghosh@barc.gov.in;
7. Co-Investigator (CI) : Dr. Radhika Rajasree.SR., Centre for Ocean Research (DST-FIST Sponsored Centre) Col. Dr. Jeppiaar Research Park Sathyabama Institute of Science and Technology Chennai - 600 119, Tamil Nadu, India., Email : radhiin@gmail.com, Mobile :9840927503Dr. L. St
8. Project Collaborator (PC): Dr. P. Sriyutha Murthy, SO - E, Biofouling and Thermal Ecology Section Water and Steam Chemistry Division (Chemistry Group, Bhabha Atomic Research Centre) BARC Facilities, Kalpakkam, Tamil Nadu 603 102, Email : psmurthy@igcar.gov.in, Mobile : 044 27480500 Extn. 23341

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.

S. Pramanik 13/11/2020

Note:

1. Please quote the Sanction Number 56/14/03/2020-BRNS in all your correspondence with BRNS

2020

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Date:09.01.20120

F.No.9-93/RIFD/MOD/Policy-I/2018-19

All India Council for Technical Education
(A Statutory Body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

MODROB - Sanction Letter

F.No.9-93/ RIFD/MOD/Policy-I/2018-19

Date:09.01.2020

To,

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi- 110070.

Sub: Release of a sum of Rs.960000/- (Rupees Nine Lakh Sixty Thousand Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1200000/- (Rupees Twelve Lakh Only)** as Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	**Director/ Principal/ Registrar,** **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI Tamil Nadu -600119**		
2.	Title of Project:	Modernize the Advanced Manufacturing Technology Laboratory		
3.	Name of Coordinator:	**Dr. PRAKASH SUBRAMANAIM**		
4.	Duration of the project:	**2 Years**		
4.	Total Grant-in-aid Sanctioned:	**Total:** **Rs.1200000/-**	**Non-Recurring (85%):** Rs.1020000/-	**Recurring (15%):** Rs.180000180000/-
5.	Amount to be released during the year 2019-20:	**1st Installment** **Rs.960000/-**	**Non-Recurring (85%):** Rs.816000/-	**Recurring (15%):** Rs.144000/-
6.	Sanctioned grant-in-aid is debitable to:	**Major Head 601.18(a) Gen. (Plan Head)**		

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.

2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION

I. Release of funds:

a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Branch Address	Account Holder Name	Account Type	Account Number	IFSC
AAITS65 72P	INDIAN BANK	Sathyabama	[illegible]	[illegible]	Current Account	482965061	IDIB000S201

In case of any omission the same should be reported to AICTE immediately.

b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.

e) Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:

i. Principal/Director/Registrar of the Institution(Chairperson)
ii. Coordinator of the project (Member Secretary).
iii. Two HODs and one subject expert (Members).
iv. The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

f) Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
g) Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
h) Photographs of equipment's purchased.
i) The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

a) The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
b) Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-93/RIFD/MOD/Policy-1/2018-19 in your future correspondence.
c) The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
d) The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
e) The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
f) The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@https://doe.gov.in/order-circular/general-financial-rules2017-0) should be followed during utilization of grant.

List of Equipment's approved :

Name of Equipments
Stacker S4 (Industrial Grade FDM 3D Printer)

Yours sincerely,

Prof. Dilcep N. Malkhede
Advisor-I (RIFD)

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,

c. 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.

d. To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first instalment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

II. Maintenance of accounts:

a) The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-93/RIFD/MOD/Policy-1/2018-19 Dated 15.11.2019 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained

b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.

c) The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).

d) The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

e) The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.

f) After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi:

a) If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.

b) If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.

c) In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.

d) It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

e) As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years:

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

a) Feedback form in the prescribed proforma.

b) The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.

c) The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.

d) In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Charted Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

6,5,1,7

Category wise UBA sanctioned projects						
S.N	Participating Institute Name	Project Title	State	Districts	Category	Amount (INR)
1	Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal	Development of Digital Class rooms	Andhra Pradesh	Nandyala	Participation in School Education	1 Lakh
2	Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal	Development of Digital Class rooms	Andhra Pradesh	Nandyala	Participation in School Education	1 Lakh
3	Maharaj Vijayaram Gajapathi Raj College of Engineering, Chintalavalasa, Vizianagaram-535005	Balaswecha, A Virtual Lab	Andhra Pradesh	Vizianagaram	Participation in School Education	1 Lakh
4	Dr.B.R.Ambedkar University, Etcherla	Provision of better health conditions – A mobile App	Andhra Pradesh	Srikakulam	Water Resource Management	1 Lakh
5	Wellfare Institute of Science Technology & Management	Smart Solar Toilet Light	Andhra Pradesh	Visakhapatnam	Rural Energy Systems	Rs. 0.80 lakh

60	Indo Global College of Management and Technology	Universal Load Carrier Trolley	Punjab	S.A.S Nagar	Rural Craft and Artisans Development & Rural Industrialization and Entrepreneurship Development	1 Lakh
61	Indo Global College of Engg. Abhipur	Robotic Panchagavya Sprayer for organic farming	Punjab	S.A.S Nagar	Sustainable Agriculture System	Rs. 1.00 lakh
62	Indo Global College of Management and Technology	Sustainable Agriculture practices to improve Scio-economic conditions of villages through organic forming	Punjab	S.A.S Nagar	Sustainable Agriculture System	Rs. 1.00 lakh
63	MNIT Jaipur Jawahar Lal Nehru Marg, Naya Bass Jhalana Gram Malviya Nagar, Jaipur, Rajastha	Biogas Plant	Rajasthan	Jaipur	Rural Energy System	Rs. 0.50 lakh
64	Sathyabama Institute of Science & Technology, Chennai	Nanoformulations for Selected Mosquito Larvae Vector Control in Otteri Village	Tamil Nadu	Kanchipuram	Sanitation & Solid Waste Management	1 Lakh
65	R.M.K Engineering College	AGRO-AUTOMATION (unmanned farming) / IoT	Tamil Nadu	Thiruvallur	Sustainable Agriculture System	1 Lakh

66	R.M.K Engineering College	AGRO – an app for helping farmers	Tamil Nadu	Thiruvallur	Sustainable Agriculture System	1 Lakh
67	PSGR Krishnammal College for Women	Bio conversion of Fish Waste to liquid fertilizer	Tamil Nadu	coimbatore	Sustainable Agriculture System	1 Lakh
68	Aarupadai Veedu Institute of Technology	Gram Vyaapaar App - Digital Marketing in Rural Area	Tamil Nadu	kancheepuram	Other/ Health	1 Lakh
69	Sathyabama Institute of Science & Technology, Chennai	Rural Non-Invasive Primary Health Kiosk	Tamil Nadu	kancheepuram	Other/ Health	1 Lakh
70	Sathyabama Institute of Science & Technology, Chennai	AI enabled multilingual voice Bot for creating Awareness to Dispensing Maternal and Child Care through Interactive Voice Response System for Rural Women	Tamil Nadu	Kancheepuram	Other/ Health	1 Lakh
71	PSGR Krishnammal College for Women	Lake Resortation	Tamil Nadu	Coimbatore	Water Resource Management	1 Lakh
72	Central University of Tamil Nadu	Development & Installation of Water Purification Facility	Tamil Nadu	Tiruvarur	Sanitation & Solid Waste Management	1 Lakh

73	Sathyabama Institute of Science & Technology, Chennai	Recycle of Ritual Waste Materials to Incense Sticks- An Eco-friendly Approach for Rural Industrialization and Entrepreneurship Development	Tamil Nadu	Kanchipuram	Rural Craft and Artisans Development & Rural Industrialization and Entrepreneurship Development	Rs. 0.50 lakh
74	Sri Eshwar College of Engineering	Maintenance of the 13 solar street lights installed in Kodhavadi village	Tamil Nadu	Coimbatore	Rural Energy Systems	Rs. 0.50 lakh
75	Sri Lakshmi Ammal Engineering College	Bar Bending and Masonry	Tamil Nadu	Kanchipuram	Skill Development, Entrepreneurship, Startups and Digital Knowhow	Rs. 0.50 lakh
76	Sathyabama Institute of Science & Technology, Chennai	Science On Wheels": A Mobile Science Laboratory - An Initiative To Kindle The Rural Pupil To Develop Curiosity In Science And Propagate Scientific Temper	Tamil Nadu	Kanchipuram	Participation in School Education	Rs. 0.50 lakh
77	Aarupadai Veedu Institute of Technology	Fabrication and Installation of Seed Balls Production Equipment	Tamil Nadu	Kancheepuram	Sustainable Agriculture System	Rs. 0.70 lakh

78	G R G Polytechnic College Kuppepalayam	Organic cotton cultivation	Tamil Nadu	Coimbatore	Sustainable Agriculture System	Rs. 1.00 lakh
79	M.A.M. College Of Engineering And Technology	E-Commerce for Food Products and Handcrafts in Rural Areas	Tamil Nadu	Tiruchirappalli	Rural Craft and Artisans Development &Rural Industrialization and Entrepreneurship Development	Rs. 0.90 lakh
80	St. Josephs College of Engineering	Save Our Lives	Tamil Nadu	Kancheepuram	Rural Craft and Artisans Development &Rural Industrialization and Entrepreneurship Development	Rs. 0.50 lakh
81	S.R.M. Institute Of Science & Technology, Chennai (Id: U-0473)	End-To-End Integrated Rationing System for Distribution of Provisions	Tamil Nadu	Kancheepuram	Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes	Rs. 1.00 lakh
82	Central University of Tamil Nadu	Sustainable Organic Paddy Cultivation through Panchagavya	Tamil Nadu	Tiruvarur	Sustainable Agriculture System	Rs. 0.50 lakh

83	Sathyabama Institute of Science & Technology, Chennai	Science On Wheels": A Mobile Science Laboratory - An Initiative To Kindle The Rural Pupil To Develop Curiosity In Science And Propagate Scientific Temper	Tamil Nadu	Kanchipuram	Participation in School Education	Rs. 0.50 lakh
84	Central University of Tamil Nadu	Smart Classroom for Smart future of Children in adopted villages	Tamil Nadu	Tiruvarur	Participation in School Education	Rs. 0.50 lakh
85	Jeevan Polytechnic College	Laying Sewar Channel Using M Sand	Tamil Nadu	Trichy	Rural Infrastructure	Rs. 1.00 lakh
86	M.A.M. College Of Engineering And Technology, C-25045	Solar power RO system for ground water purification	Tamil Nadu	Tiruchirappalli	Rural Infrastructure	Rs. 1.00 lakh
87	Aarupadai Veedu Institute of Technology	DC micro grid based solar PV generation to supply power to street lamp and common utilities in a village	Tamil Nadu	Kanchipuram	Rural Energy System	Rs. 0.50 lakh
88	S.R.M. Institute Of Science & Technology, Chennai	Reverse osmosis plant for rural water treatment	Tamil Nadu	Kancheepuram	Water Resource Management	Rs. 0.50 lakh

2019

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भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूर – 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो isro

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

Dr. M. A. Paul
Associate Director, RESPOND & AI
CBPO

Tel: 080-23415269/22172269
FAX-080-23412471
Email: ddrespond@isro.gov.in

No.ISRO/RES/C-S/2018-19

February 20, 2019

Dear Dr Nagamani,

Subject: Partial funding from ISRO/DOS for organizing **National Seminar on "Emerging Trends in Satellite Technology and Applications"** by Sathyabama Institute of Science & Technology during March 20 -21, 2019 at Chennai, TN -reg.

This has reference to your Email dated December 25, 2018 requesting for grant from ISRO to support the organization of **National Seminar on "Emerging Trends in Satellite Technology and Applications"** by Centre for Remote Sensing & Geoinformatics. Sathyabama Institute of Science & Technology during March 20 -21, 2019 at Chennai, TN.

In this connection, I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved a grant of **₹50,000/- (Rupees Fifty Thousand only)** to meet the partial expenditure to be incurred in organizing the event. The funds may be utilized towards publication of proceedings, travel support for the participants and other activities of the event. In this context, DOS has already issued the financial sanction order (copy enclosed).

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to the Registrar, Sathyabama Institute of Science & Technology, Chennai, Tamil Nadu) at the earliest.

Further, you may kindly submit:

1. Two copies of the proceedings of the event to the undersigned within 30 days of conclusion of the event.

2. Two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on the expenditure incurred towards the event to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 within six months with a copy to the undersigned.

With regards,

Yours Sincerely,

Anupama Pawar
for (M A Paul)

Dr K Nagamani
Scientist - C
Centre for Remote Sensing & Geoinformatics
Sathyabama Institute of Science & Technology
Jeppiar Nagar
Rajiv Gandhi Salai
Chennai : 600 119
Tamil Nadu.

CC: Director, CBPO, ISRO HQ
Director, EDPO, ISRO HQ
Registrar, Sathyabama Institute of Science & Technology
Chennai, Tamil Nadu.

व.No.DS-2B-13012(1)/5/2019-Sec.II
भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
****

Antariksh Bhavan,
New BEL Road,
Bengaluru - 560 094.

February 19, 2019

Registrar,
Sathyabama Institute of Science & Technology,
Jeppiar Nagar,
Rajiv Gandhi Salai,
Chennai – 600 119,
Tamil Nadu.

Sir,

Sub: Grant-in-aid-Release of grant for organizing **National Seminar on "Emerging Trends in Satellite Technology and Applications" -** reg.

***

I am directed to convey the sanction of the President to a grant of ₹50,000/- (Rupees Fifty thousand only) to meet the expenditure towards organsing **National Seminar on "Emerging Trends in Satellite Technology and Applications"** by Sathyabama Institute of Science & Technology during March 20-21, 2019 at Chennai.

2. The amount of ₹50,000/- (Rupees Fifty thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru-560 094 on receipt of the bill.

3. The following documents should be submitted to the Pay and Accounts Officer, Department of Space on completion of the seminar;

(i) Two copies of the proceedings of the seminar;

(ii) An audited statement of accounts giving the details of the expenditure incurred from the grant of ₹50,000/-;

(iii) A fund utilization certificate showing that the funds were utilized for the purpose granted.

4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

...2/-

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru - 560 094 at the end of each financial year of support.

6. The expenditure involved is debitable to the Head "3402.00.101.64.00.31- Space Research- Space Technology-Indian Space Research Organization Headquarters (ISRO Hq)-GIA-General" under 'Grant No.91 - Department of Space' for the financial year 2018-2019.

Yours faithfully

(पूर्णिमा मनोज/Poornima Manoj)
वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer

Copy for information and necessary action to:

1. The Director, CBPO, ISRO Hq., Bengaluru
2. The Dy.Director, RESPOND, ISRO Hq., Bengaluru
   (Ref:No.ISRO/RES/CONF/18-19 dated 25.01.2018)
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
4. The Director, Office of the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS, Bengaluru
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹50,000/- (Rupees Fifty thousand only) in favour of **"The Registrar, Sathyabama Institute of Science and Technology, Chennai"** on receipt of bill
8. The Senior Head (Internal Audit), DOS Bengaluru
9. Accounts Officer, Special Projects, ISRO Hq., Bengaluru
10. Dr. K Nagamani, Scientist C, Centre for Remote Sensing and Geoinformatics, Sathyabama University, Jeppiar Nagar, Rajiv Road, Chennai – 119, Tamil Nadu.

(पूर्णिमा मनोज/Poornima Manoj)
वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer

Sathyabama Institute of Science & Technology WEBMAIL

inba kandan <inbakandan@sathyabama.ac.in>

Proposal for Financial Assistance for holding National/International Conference/ Seminar/ Symposium/ Workshop (DBT/CTEP/01/201800227) approved

2 messages

DbtCtepCell <ctepcell@dbtctep.gov.in> Mon, Apr 2, 2018 at 2:55 PM
Reply-To: DbtCtepCell <ctepcell@dbtctep.gov.in>
To: inbakandan@sathyabama.ac.in, inbakandan@gmail.com, researchdeanoffice@gmail.com, deanconference@gmail.com

Respected Sir/Madam,
Scientist E, Associate Professor, Sathyabama University

Congratulations!
Your proposal (DBT/CTEP/01/201800227) has been approved by DBT and you have been granted financial assistance of Rs. 100000 .

Final grant and reimbursement will be released at the earliest subject to availability of funds.

Below is the committee's remarks:

Recommended for Rs. 1,00,000/-

There may be some delay in releasing the grant due to paucity of budget. However, the release will be made as recommended after receiving required documents.
****
Sincerely yours,
DBT-CTEP Management Cell,
Biotech Consortium India Limited,
5th Floor, Anuvrat Bhawan | 210, Deen Dayal Upadhyaya Marg,
New Delhi - 110002 | India,
Tel.: 91-11-23219064-67 | Fax: 91-11-23219063,
E-mail ctepcell@dbtctep.gov.in

(Please do not respond to this message as it is automatically generated and is for information purposes only)
==========
To keep receiving our mails in your mailbox, please add our email address (ctepcell@dbtctep.gov.in) in your contact list
==========

inba kandan <inbakandan@sathyabama.ac.in> Wed, Jun 5, 2019 at 3:54 PM
To: Stalin Dhas <stalin8733@gmail.com>

[Quoted text hidden]

FILE NO. SSY/2019/000122

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: **29-Mar-2019**

ORDER

Subject: Financial assistance for the organizing National Workshop on "National Workshop on Intellectual Property Rights, 2019 – (IPR 2019)" by Dr. Stanley Abraham L, Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 being held from 08-Apr-2019 to 13-Apr-2019 (6 days).

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 100000/- (Rs. One Lakh Only)** to Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2018-2019 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing and Contingencies in connection with the above event.

2. The amount of **Rs. 100000/- (Rs. One Lakh Only)** will be drawn by Under Secretary, SERB and disbursed by the means of Cheque or Electronic Fund Transfer (NEFT/RTGS) as beneficiary's Bank Details given below.

Account Name	**Sathyabama Institute of Science**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University Branch, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabama.ac.in**
Email id of PI	**sabraham.cor@sathyabamauniversity.ac.in**

to **Registrar, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee)

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide sanction number to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **28 March, 2019** and vide Diary No. **SERB/F/13114/2018-2019** dated **29 March, 2019**

5. As per Rule 211(1) of GFRs, the accounts of the Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

6. It is **mandatory** that the grantee institution is required to submit to this office, audited Statement of Income-Expenditure, Utilization Certificate (in duplicate as per prescribed format) and brief report of above event (max. 04 pages) within three months after the date of completion. .

7. The balance amount, if any, may be returned through DD in favor of "Fund for Science & Engineering Research" payable at New Delhi.

8. The Organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Science and Engineering Research Board, a statutory body of the Department of Science and Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

9. In addition, the investigator / host Institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science and Engineering Research Board, a statutory body of the Department of Science andTechnology (DST), Government of India.

10. The logo of SERB is to be displayed on all Conferences / Seminars / Symposium material being used for the event.

(Dr. Ramesh Vijayan)
Scientist C
seminar.symposia@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Stanley Abraham L** **Centre for Ocean Research** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: sabraham.cor@sathyabamauniversity.ac.in** **Mobile: 919841658827** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
Scientist C
seminar.symposia@serb.gov.in

No.MoES/SSWC/14/2016-PC-V
Government of India
Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi
22/07/2019

SANCTION ORDER

Sanction of the competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978 for release of an amount of Rs.1, 50,000/- (Rs. One lakh fifty thousand only) to Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai 119 to meet the expenditure for National Conference on "Recent Advances in Anthropogenic Disaster Monitoring" which is to be held on 8th – 9th August, 2019 at Centre for Remote Sensing and Geoinformatics,Sathyabama Institute of science and technology,Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai, 119.

2. The above expenditure will be debitable to the following head of account:

3425	-Other Scientific Research (Major Head)
60	-Others
60.200	- Assistance to Other Scientific Bodies (Minor Head)
52	- Research Education & Training Outreach
52.00.31	- Grant-in-aid-General

Under demand no.23 of the Ministry of Earth Sciences for year 2019-20

3. The amount of Rs.1, 50,000/- (Rs. One lakh fifty thousand only) will be drawn by the DDO, MoES and disbursed to the Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai 119 through ECS/RTGS to "Sathyabama Institute of Science and Technology" payable at as per following bank details.

1.	Name of Account Holder	Sathyabama Institute of Science and Technology Research
2.	Name of Bank	Indian Bank
3.	Name of Branch	Sathyabama University Branch
4.	Account Type	SB Account
5.	Account Number	6089858032
6	IFSC/RTGS/NEFT Code	IDIB000S201
7.	MICR Code	600019229

4. The Registrar Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai 119 shall render the Utilization Certificate indicating the amount received and expenditure incurred by the Institute within three months after the specified date of the event as per the format given along with the application form which is available on Ministry's web page. UC's should be submitted to head, Awareness and Outreach Programme, Ministry of Earth Sciences, Prithvi Bhawan, Lodhi Road, New Delhi 110003.

5. Programme division has certified that no Utilization Certificate is pending against the Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai 119.

6. The accounts of grantee Institution/Organization shall be open to inspection by the sanctioning authority and audit by the Controller and Auditor General of India under the provision of CAG (DPC) Act

22/7/19 O/C R Bagawathi 22/7/19

171 and internal audit by the Principal Accounts Office of the Ministry whenever the Institution or Organization is called upon to do so.

7. This issues under the delegated powers of the Ministry and with the concurrence of IFD vide their diary No.207/IFD/2756/2019-20/Reachout dated.12/06/2019.

8. The expenditure has been entered in E.C.R. at Page No.82. Sl. No.135.

R. Bagavathi 22/7/19
(R.Bagavathi)
Under Secretary to the Govt. of India

To
The Pay & Accounts Officer, Pay & Accounts Office,
Ministry of Earth Sciences, Prithvi Bhawna, Lodhi Road, New Delhi – 110003

Copy to:

1. The Principal Director of (Audit Scientific Deptts), AGCR Building, I.P State, N. Delhi.
2. Cash Section, MoES for necessary action.
3. The Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Jeppiaar Nagar,Chennai 119.
4. Dr. Jagvir Singh, Sci-F/US(A)/AD(OL) for Hindi translation/Guard file/ Sanction folder.
5. The Controller of Account, Ministry of Earth Sciences, Prithvi Bhawan, New Delhi.

R. Bagavathi 22/7/19
(R.Bagavathi)
Under Secretary to the Govt. of India

(10)

FICCI

Federation of
Indian Chambers
of Commerce and Industry
Federation House
Tansen Marg
New Delhi - 110001
T +91 11 23738760 (11 lines)
F +91 11 23320714 / 23721504
E ficci@ficci.com
W www.ficci.com
CIN L99999DL1927PLC000035
ISO 9001 : 2008 Certified

File No. - DCS/2018/000004

Dated: 19/02/2019

ORDER

On behalf of Department of Science & Technology (Govt of India), sanction of Federation of Indian Chambers of Commerce and Industry (FICCI) is hereby accorded for award of Research Training Fellowship- Developing Countries Scientist (RTF-DCS) to Dr. Patrick Brice Deeh Defo, University of Dschang, Dschang, Cameroon for a period of 5 months starting from 27th June to 27th November, 2019, as per the details given below –

Research Topic	Name of the awardees	Indian Host Institute and duration of the Fellowship
Mechanistic investigation of the biological effects of zinc oxide nanoparticles and melatonin on cyclophosphamide-induced toxicity in reproductive cells, Biological and Medical Sciences.	Dr. Patrick Brice Deeh Defo, University of Dschang, Dschang, Cameroon.	Dr. Vinita Vishwakarma, Professor & Scientist - F, Centre for Nano-science and Nanotechnology, Sathyabama University, Chennai, Tamil Nadu.

The break- up of estimated expenditure is indicated as below-

S. No.	Items of expenditure	Amount
i.	Fellowship amount @Rs. 50,000/- per month for 5 months (all inclusive of accommodation and food etc)	Rs. 2.5 Lakh
ii.	International airfare from the nearest international airport from the place of employment i.e. Cameroon to Chennai, Tamil Nadu (India) and back by lowest economy class and subject to actuals.	Rs. 50,000/-
iii.	One time research contingency grant for research expenses, airport transfers, visa fee (if any), domestic travel etc.	Rs. 25,000/-
iv.	Additional one time grant to cover overhead expenses for Indian host Institute. **Note: 50% of the additional one time grant will be transferred to host institute at the start of the fellowship, and remaining 50% on submission of the completion report to DST and FICCI**	Rs. 16,666/-
	Total	Rs. 3,41,666/-

The total amount of Rs. 2,91,666/- be released to Sathyabama University, Chennai, Tamil Nadu. The details of the designated bank account of Sathyabama University are attached.

The award of this fellowship is subject to the following conditions:

i. The air ticket for international travel shall be arranged by FICCI by lowest economy class by shortest route on receipt of travel itinerary from fellowship awardees. The fellowship amount sanctioned at (i) and (iii) above shall be released and kept at the disposal of the Indian host University i.e., Sathyabama University, Chennai, Tamil Nadu for incurring the expenditure.

ii. No re-appropriation of funds from one sub-head to another is allowed.

iii. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with refund of un-spent balance amount and the technical report of the work done by the fellowship holder within one month of completion of the fellowship period.

(Mr. Nirankar Saxena)
Deputy Secretary General, FICCI

To,

1. Mr. RK Sharma, Scientist-E (Director Grade), International Multilateral & Regional Cooperation (IMRC), Department of Science & Technology (DST)
2. Ms. Ritika Kishore, Senior Assistant Director, FICCI (RTF-DCS Secretariat)
3. Dr. Patrick Brice Deeh Defo, University of Dschang, Dschang, Cameroon.

Copy to:

1. Dr. Vinita Vishwakarma, Professor & Scientist - F, Centre for Nano-science and Nanotechnology, Sathyabama University, Chennai, Tamil Nadu
2. Head (IMRC), DST, New Delhi-110016
3. Chief Financial Officer, FICCI
4. Sanction folder/file

(Mr. Nirankar Saxena)
Deputy Secretary General, FICCI

2021 2019

(11)



தமிழ்நாடு तमिलनाडु TAMIL NADU

19-AUG 2019

Dr. Florida Tilton

65AB 565701

V.P. SEETHALAKSHMI (S.V.)
L.No: 9/CH(S)/2010 Dt.14-2-2011
20A / 26A, Morrison 6th Street, Alandur,
Chennai-600 016. Cell: 99402 10578

AGREEMENT

Agreement made on the 6th day of August 2019, at Chennai between **the Chief Conservator of Forests (Research)** (Hereinafter referred to as CCF, Research), State Forest Research Institute, Kolapakkam, Chennai.

AND

Dr. Florida Tilton, Scientist &Managing Director, Biozone Research Technologies Pvt. Ltd., Chennai, in the state of Tamil Naduand Principal Investigator (herein after referred to as the (PI).

Email: florida1871@yahoo.com

PAN No:AANPF1642C

Florida Tilton
22/8/19

Chief Conservator of Forests
(Research)
Kolapakkam, Chennai-600
22/8/19

'Whereas the CCF, Research, based on the decision of the State Forest Department of Tamil Nadu has decided to award a Project titled "Bacterial disease management by microbial eco-friendly approach for forestry with special reference to Bamboo" to above mentioned PI as per sanction letter Ref No. 3195/2019/P, dated 24.07.2019.

The PI as per the Project proposal will be conducting the Project in collaboration with Dr. Jerrine Joseph, Scientist D,Sathyabama Institute of Science & Technology Chennai, in the state of Tamil Nadu (herein after referred to as the Co-Principal Investigator (Co-PI)).

In pursuance of the above, the parties agree to the following:

1. The total cost of the Project will be INR.6, 90,000.00 (Rupees Six Lakhs and ninety thousands only). The duration of the Project will be for eighteen months from the date of agreement for theproject.
2. The PI agrees to perform the duties and responsibilities as per the Terms of Reference enclosed (Annexure I) and mentioned in the proposal (Annexure II).The CCF, Research may periodically monitor the progress of the work and may offer necessary recommendations to further improve the effectiveness of the project.
3. The permissions to work inside the protected areas (PAs) at the study site would be arranged for by Chief Conservator of Forests, Research.
4. The PI shall keep the CCF, Research apprised of the activities being carried out by them as required under this agreement by submitting regular reports described in the Terms of Reference (Annexure I).Project Completion Report in English at the end of the project period, of which five shall be hard copies and a soft copy on CD, must be presented to the CCF, Research.
5. Upon execution of this agreement in the prescribed format, work plan and intimation of the likely utilization of fund and deliverables by the PI (Annexure II) and submission of letter of acceptance, the CCF, Research shall release the 1st installment i.e 60% of the project fund, towards consumable/equipment purchase, manpower requirements and travel expenses for collections of samples to initiate the works. The balance 40% of second year project fund will be released in 2 stages i.e. 20% after submission of satisfactory progress report, remaining 20% after submission of the final project report to the satisfaction of the CCF, Research subject to the availability of the funds. Payment will be made by DCF, SFRI, Kolapakkam, Chennai on approvals from CCF Research.
6. Tentative list of equipments and consumables is provided in Annexure II.
7. The CCFResearch reserves the rights of inspections of the equipments and consumables and satisfies himself/herself to the particular use of those for the purpose of this project alone.

Chief Conservator of Forests
(Research)
Kolapakkam, Chennai-600

22/8/19

22/8/19

8. All payments by the CCF, Research, shall be made to the bank Account of the PI only either through RTGS (Real Time Gross Settlement) /NEFT (National Electronic Fund Transfer), a cheque, or a demand draft drawn in favor of "M. Florida Tilton" payable at Chennai.

   Acc.No.035001543049

   Type: Savings

   IFSC No: ICIC0000350

   Bank Name and address: ICICI BANK, Adayar, Chennai.

9. In the event of non-observance of any of the conditions contained in the Terms and Conditions attached with this agreement, the same be treated as violation of the agreement and may attract suspension of the project, annulment of project and recovery of whole or part of the project cost.
10. The invoice shall be submitted by the PI along with the deliverables as per the terms and conditions and the clause no.4 above, for further processing. The first installment shall be released upon execution of the Agreement in the prescribed format, submission of Letter of Acceptance, Work plan and acceptance of the same. The final installment shall be released on satisfactory completion of the Project and within one month from the submission of the final report and on receipt of the invoice.
11. TERMINATION

a. Either party may terminate this Agreement for cause, in whole or in part, upon thirty days notice, in writing, to the other party.
b. The CCF, Research reserves the right to terminate without cause this Agreement at any time upon 15 days prior written notice to the PI for all reasonable costs incurred by the PI prior to the receipt of the notice of termination.
c. In the event of any termination by the CCF, Research under this Article, no payment shall be due from the Research to the PI except for work and services satisfactorily performed in conformity with the express terms of this Agreement.

12. Force Majeure; other changes in conditions

a. In the event of and as soon as possible after the occurrence of any cause constituting force majeure, the PI shall give notice and full particulars in writing to the Chief Conservator of Forests, Research, of such occurrence or change if the PI is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Agreement. The PI shall also notify the CCF, Research of any other changes in conditions or the occurrence of any event that interferes or threatens to interfere with its performance of this Agreement. On receipt of such notice, the CCF, Research shall take such action as, in his/her sole discretion; he/she considers being appropriate or necessary in the circumstances.

Chief Conservator of Forests, (Research) 22/8/19

Florida Tilton 22/8/19

b. Force majeure as used in this Agreement means acts of God, war (whether declared or not), invasion, revolution, insurrection, or otheracts of a similar nature or force.

c. The PI acknowledges and agrees that, with respect to any obligations under the Agreement that the PI must perform, any delays or failure to perform such obligations arising from or relating to harsh conditions within such areas or to any-incidents of civil unrest occurring in such areas shall not, in and of itself, constitute force majeure under the Agreement.

In case of any dispute relating to this agreement and consequent defaults, thePrincipal Chief Conservator of Forests (Research& Education), Tamil Nadu Forest Department, shall be the sole Arbitrator, the seat of arbitration shall be Chennai and the arbitration shall be conducted in accordance with the Arbitration and ConciliationAct, 1996. Courts in Chennai alone shall have the jurisdiction to adjudicate on the agreement.

22/8/19

(Dr.Shekhar Kumar Niraj, IFS)

Chief Conservator of Forests (Research) I/C

State Forest Research Institute, Kolapakkam, Chennai – 600127

AND

22/8/19

Dr. Florida Tilton (PI)

CMD, Biozone Research Technologies Pvt.Ltd.

In presence of

1.

2.

(12)

Dr. Abhishek Tandon
Deputy Director (Research)
IMPRESS
☎26741840
E-mail: impress201819@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
Aruna Asaf Ali Marg, New Delhi – 110067
PABX: 26741849-51 Fax: 91-11-26741936
E-mail: Info@icssr.org **Website:** www.icssr.org

Dated: 8th July, 2019

File No. IMPRESS/P1415 /2018-19/ICSSR

Subject: Award Letter of IMPRESS Project

Dear Dr. Poornapushpakala S Suriyamoorthi G,

Please refer to your project grant under the IMPRESS Scheme:
Title: DEVELOPMENT OF NON DESTRUCTIVE DIGITAL TECHNOLOGY FOR RESTORATION AND ARCHIVING OF TANJORE PAINTINGS AND MURALS
Budget Approved: Rs.800000 /- plus overhead charges @5% or maximum of Rs. 100,00/- whichever is less for the study including publication.
First Instalment: 40% of the awarded grant, detailed Budget in break-up will be sent along with the sanction order.

The above has been approved by the Competent Authority on the recommendations of the Steering Committee.

You are requested to commence the study immediately. You are required to give an undertaking on a non-judicial stamp paper of Rs. 100/- (copy enclosed), and send us the grant-in-aid bill (copy enclosed) of 40% of the awarded grant. All Payments and Transfers are to be done through EAT module hence the institution has to open a dedicated account for all IMPRESS Receipts (Projects and Seminars)

You are once again required to go through the eligibility criteria in the guidelines and make sure you fulfil them in all respect both in case of individual and institution. In case you have awarded a project under IMPRESS and sanction letter for the same has been issued you are requested to continue with earlier sanction and inform accordingly. This award in that case will not stand operational. In case you have already been awarded a project and sanction letter has not been issued you may make an option between the two awards and inform us clearly which project you would like to start. If there is any change in terms of original proposal you need to clarify and take approval from ICSSR in the beginning itself.

Kindly send us all the desired documents **(attached herewith)** to the undersigned within **seven days** to enable us to issue the formal sanction order as per the checklist enclosed.

With best regards,

Yours sincerely,

(Abhishek Tandon)

Dr. Poornapushpakala S Suriyamoorthi G
Associate Professor
Department of Electronics and Communication Engg.
Sathyabama Institute of Science & Technology,
Chennai - 600119.

(13)

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूरु - 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो ISRO

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bengaluru - 560 231, INDIA
Tel (Off) : +91 80 2341 5474
Fax :

Dr. M.A. Paul
Associate Director, RESPOND & AI
CBPO

☎: 080-23415269/22172269
FAX-080-23412471
email: respond@isro.gov.in

No. ISRO/RES/3/820/19-20

July 31, 2019

Dear Dr. Annam Renita,

Subject: RESPOND Project - "Design of a sampling instrument for detection of toxic isocyanate vapours in solid propellant plants and demonstration of its working principle"-reg

---

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. In this regard, I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of one Year** with a total outlay of **₹8.87 Lakhs (Rupees Eight Lakh and Eighty Seven Thousand only)** towards meeting the expenditure of the project (budget details enclosed). And release of the grants towards meeting the expenditure during first year.

The approval is subject to fulfillment of the following:

(a) You will have to submit a comprehensive report (hard copy and soft copy) covering total project activities at the end of the project. The copies of reports should be sent to **Director, SDSC - SHAR, Sriharikota (Attn: Shri Pankaj H Pujjalwar, RESPOND Coordinator, SDSC - SHAR, Sriharikota)** and two copies to the undersigned.

(b) You will have to submit the Final Fund Utilization Certificate and Audited Accounts Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094; Director, SDSC - SHAR, Sriharikota (Attn: Shri Pankaj H Pujjalwar, RESPOND Coordinator, SDSC - SHAR, Sriharikota) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through **National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE** (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to The Registrar, Sathyabama Institute of Science & Technology, Chennai) at the earliest

With Best Regards,

Yours sincerely,

(M.A. Paul)

Dr. Annam Renita A
Professor
Department of Chemical Engineering
Sathyabama Institute of Science & Technology
(Deemed to be University)
Jeppiar Nagar, Rajiv Gandhi Salai
Chennai : 600 019
Tamil Nadu.

CC: Director, CBPO, ISRO HQ
Director, SDSC - SHAR, Sriharikota
Pro Vice-Chancellor, Sathyabama Institute of Science & Technology, Chennai, TN
Registrar, Sathyabama Institute of Science & Technology, Chennai, TN
Shri V Ranganadhan, DD, SPP, SDSC - SHAR, Sriharikota
Shri Gopi Krishna, GH, MSA, SDSC - SHAR, Sriharikota
Shri P Kanakaraju, DGM, SPROB & SPP, SDSC - SHAR, Sriharikota
Shri Pankaj H Pujjalwar, Respond Coordinator, SDSC - SHAR, Sriharikota

No.DS-2B-13012(2)/28/2019-Sec.II
भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
***

Antariksh Bhavan,
New BEL Road,
Bengaluru - 560 094.

July 29, 2019

Registrar,
Sathyabama Institute of Science & Technology,
(Deemed to be University),
Jeppiar Nagar, Rajiv Gandhi Salai,
Chennai – 600 019,
Tamil Nadu,.

Sir,

Sub: Grant-in-aid - RESPOND- Release of grant for the new project entitled **"Design of a sampling instrument for detection of toxic isocyanate vapours in solid propellant plants and demonstration of its working principle"** - reg.

***

I am directed to convey the sanction of the President to a grant of ₹8,87,000/- (Rupees Eight lakh eighty seven thousand only) to meet the expenditure towards the new project entitled **"Design of a sampling instrument for detection of toxic isocyanate vapours in solid propellant plants and demonstration of its working principle"** (total project cost is ₹8.87 lakh for a period of one year) by Anna University, Chennai.

2. The amount of ₹8,87,000/- (Rupees Eight lakh eighty seven thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.

3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.

4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support

....2/-

6. The expenditure involved is debitable to the Head "3402.00.103.09.00.31- Space Research- Space Sciences-Respond- GIA-General" - under 'Grant No.91 - Department of Space' for the financial year 2019-2020.

Yours faithfully,

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Director, CBPO, ISRO Hq., Bengaluru
2. Associate Director, RESPOND & AI, ISRO Hq., Bengaluru
   (Ref No.ISRO/RES/3/820/19-20 dated 18.06.2019)
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi – 110 001.
4. The Director, O/o the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹8,87,000/- (Rupees Eight lakh eighty seven thousand only) in favour of **"The Registrar, Sathyabama Institute of Science and Technology, Chennai"** on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Dr. Annam Renita A, Professor, Department of Chemical Enginereing, Sathyabama Institute of Science and Technology, (Deemed to be University), Jeppiar Nagar, Rajiv Gandi Salai, Chennai – 600 019, Tamil Nadu.

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

(Rs. In Lakhs)

S.No	Item of Expenditure	I Yr	Total
1	**Manpower:**1JRF @₹31,000/- per month	3.72	3.72
2	**Equipment** (Platinum /Gold Electrodes, Arduino Board, GSM module, Printed Circuit Board, electronic components) PC Controlled data logger with supporting electronic devices	3.63	3.63
3	**Internal Travel**	0.25	0.25
4	**Contingencies**	0.40	0.40
	Sub Total	8.00	8.00
5	**Overheads**	0.87	0.87
	Total	**8.87**	**8.87**

(14)

Annex. 2

Contract for Acquisition of Research Services (CARS)

By signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research services described at (6), within the time stated at (6), for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title Research Service to be provided: **Tailoring the microstructure of YPSZ top coat ceramic material by EB-PVD to improve the insulation for aerospace engine applications**					Contract Number: GTRE/CARS/[illegible]/2019/[illegible] Date: 08 Sep 19
2. RSQR Document Ref.No.:	Date of Issue			Issuing DRDO Lab / Estt / Project: GTRE, Bangalore	Dates of CARS Amendments:
	YY	MM	DD		

3. Name and address of Research Service Provider (RSP):
Dr. T. Sasipraba
Pro Vice-Chancellor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajive Gandhi Road, Chennai – 600 119
Tel: :+91-44-2450 3065
Fax: +91-44-2450 3814
Email: provc@sathyabama.ac.in

4. RSP's Offer Ref. Sathyabama/GTRE/2019/001
Date: 10/01/2019

5.(a) This contract will require a formal amendment if the following key professionals are not available to RSP: **Dr. P. Kuppusami, Senior Scientist (PRINCIPAL INVESTIGATOR)**
Dr. A. M. Kamalan Kirubaharan, Scientist-C (Co- INVESTIGATOR)
(b) RSP is authorized to engage these professionals as research consultants (names, institutes/companies): NIL

6. Principal technical features of Research Service to be provided: Development of YPSZ top coat on CM247LC EA/DS superalloy substrates

7. DRDO will make available the following DRDO-owned equipment to RSP
No DRDO owned equipment needs positioned at the RSP's place : **NIL**

8. The technical performance of this contract shall be completed when RSP submits the Final Report before (date):		Months**18 Months from the date of receipt of advance payment**
9.1 Expenditure on items below shall not exceed sums shown against each		Rs. In lakhs
a) Personal background: Project fellow M.Sc (Physics/Material Science) salary : 14,000 + 30% HRA /month		3, 27, 600
b) Equipment : Specimen holder with heater assembly		3, 00, 000
c) Others		3, 32, 400
Total: ➢		**9, 60, 000**
9.2 Schedule of payments (Rs. in lakhs)	Date:	Payment@
a) Initial advance (Start of project – Date of receipt of first installment)	0 month	5, 00, 000
b) at Performance Milestone I	6th month	0
c) at Performance Milestone II	12th month	3, 00, 000
d) at Performance Milestone III & submission of Final report (Refer also entry 8 above)	18th month	1, 60, 000
Total: ➢		**9, 60, 000**

@ Payments will be made within 45 days of receipt by L/E/P of Contingent Bill

10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract:

Name: **T. SASIPRABA**
[signature] 12/9/19
Dr. T. SASIPRABA, M.E., Ph.D.,
PRO VICE CHANCELLOR
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119.

11. Signature of L/E/P contract administrator:
Name: [signature] 23.09.19
Designation: एम जेड सिद्दिक / M Z Siddique
वैज्ञानिक/इंजीनियर (DS & Director
Address: Gas Turbine Research Establishment (GTRE), Suranjan Das Road, CV Raman Nagar, Bangalore, 560093
Telephone: Fax:
Email:

Conditions of this contract appear on the reverse. Please read them.

Send filled-in form to: The Director
L/E/P issuing RSQR

Guidance to fill form:

Item 5(a): In Offers whose expected time of completion is more than 18 months, RSP shall identify at least two key personnel who will engage in the work.

Item 5(b): Consultants who are non-Indian citizens (whether or not of Indian origin) will require prior approval of DRDO.

Item 6: Highlight investigation methodology and/or experimental design intended to be followed.

Item 7: Identify equipment. Detail in Attachment B, including proposed country of origin.

Item 9.1(a): Indicate below categories, and numbers in each category, of personnel proposed to be engaged and their monthly total emoluments.

Project Fellow 14,000 + 30% HRA /month for 18 months i.e. Rs. 3, 27, 600 -/-

Item 9.1(b): List below all equipment required. Prior approval of L/E/P will be required to order any equipment for which the potential supplier asks for an end-use or end-user certificate.: Nil

Item 9.1(c): Enter total of expected other expenses listed below:

Expected other expenses on:	Rs. In Rupees
Subcontracts (Details of Sub-contracts must be provided)	0
Operation and maintenance of equipment required for provision of the Research Service	0
Expendables (includes necessary spares, consumables)	3, 80, 000
Contingencies	60, 600
Visiting Faculty or Research Consultants	0
Technical support services procured from outside the RSP	0
Fees for use of intellectual assets (including royalties for legally protected IPR)	0
Overheads (Fixed amount till completion of provision of research service)#	60, 000
GST @ 18%	90, 108
Travel	41, 692
Total: ➢	**6, 32, 400**

#Will not be changed notwithstanding variations in actual expenditure under other heads in Item 9.

MoES/36/OOIS/Extra/70/2018
Government of India
Ministry of Earth Sciences
Prithvi Bhawan, Lodhi Road
New Delhi – 110003

2019

Dated: 05/08/2019

ADMINISTRATIVE ORDER

Sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the project entitled **"Distribution of culture able marine Micromonospora in mangrove ecosystems, Tamil Nadu "** by Principal Investigator (PI), **Dr. Jerrine Joseph,** Scientist- D, Sathyabama University, Chennai at a total cost of **Rs. 13,45,000/- (Rupees Thirteen lakhs forty five thousand only)** for a period of two years (2019-20 to 2020-21). The details of the project are as under:

2.0 Project Objectives:

- Determining the distribution and selective isolation of culturable marine Micromonospora in mangrove ecosystem in Tamil Nadu.
- Dereplication of Micromonospora strain by Morphology and whole cell FT IR analysis.
- Characterization and Identification of Micromonospora strain.
- *Ex-Situ* Conservation of Mangrove Micromonospora strain in In-house consortium.

2.1 Programme: Distribution of culture able marine Micromonospora in mangrove ecosystems, Tamil Nadu.

2.2 Implementing Organization: The project will be implemented by Sathyabama University, Chennai.

2.3 Estimated Project Cost: The total estimated cost of the project is **Rs. 13,45,000/-(Rupees Thirteen lakhs forty five thousand only)** for a period of two years (2019-20 to 2020-21). The year wise/item-wise fund requirements are as under.

2.4 Budget requirement for the project :(Amount in Rs.)

S.No.	Items	1st year	2nd year	TOTAL
1.	**Manpower** (01-Research Assistant @ Rs.20000/pm (consolidated)	240000	240000	480000
2.	**Consumables**	300000	300000	600000
3.	**Contingency**	40000	40000	80000
4.	**Travel**	75000	50000	125000
5.	**Over head Charges**	30000	30000	60000
	TOTAL	**685000**	**660000**	**1345000**

2.5 Time Schedule: The duration of the project is of two years (2019-20 to 2020-21). The detailed work/time schedule is at **Annexure-I.**

R. Bagawati 5/8/19

2.6 Description and Manner in which the programme is proposed to be implemented: The programme will be implemented by Dr. Jerrine Joseph, Scientist-D, Sathyabama University, as Project Investigator and Prof. Dr. M. Radhakrishanan, Scientist-E, Sathyabama University as Co-PI of the project.

2.7 Project Monitoring & Evaluation: Funded project is being monitored and reviewed by Project Appraisal Monitoring Committee (PAMC-OS) constituted by the Ministry vide O.M.No. MoES/36/OOIS/PAMC/2012 dated 27/10/2016.

2.8 The expenditure will be debited from the following head of account:

3425	-	Other Scientific Research (Major Head)
60	-	Others
60.200	-	Assistance to other Scientific Bodies
52	-	Research Education Training & Outreach
52.00.31	-	Grants-in-Aid-General (Plan)

2.9 Other Terms and Conditions: The general and other Specific Terms and Conditions are given at **Annexure –II.**

3.0 This issues under powers delegated to this ministry and with the-concurrence of IFD vide Dy. No. 280/IFD/5918/2019-20/REACHOUT dated 22/07/2019 also with the approval of Secretary, dated 26/ 07/2019.

R. Bagavathi 5/8/19

(R.Bagavathi)
Under Secretary to the Government of India

To

The Registrar,
Sathyabama University, Chennai

Copy to for information and necessary action:

1. Cash Section, MoES.
2. The Pay & Accounts Officer, Ministry of Earth Sciences, New Delhi.
3. Dr. Jerrine Joseph, Scientist-D, Sathyabama University,as PI of MoES project.
4. Dr. M. Radhakrishanan, Scientist-E, Sathyabama University as Co-PI of the project.
5. Controller of Accounts, Lodhi Road, New Delhi/Guard File.

R. Bagavathi 5/8/19

(R.Bagavathi)
Under Secretary to the Government of India

Annexure-I

Project Duration: The duration of the project is two years (2019-20 to 2020-21). The work schedules and detailed plan of the implementation with year wise time lines and targets is as under:

S.No.	Period of Study	Achievable target
1.	1-9 months	Sample collection and pretreatment Selective solation of *Micromonospora* and recovery
2.	7-12 months	Morphological pattern Whole cell FT IR analysis Dereplication and selection of different Micromonospora strains
3.	10-21 months	Characterization Micromorphology Cultural characterization Physiological characterization Cell wall analysis (sugar and amino acid) Molecular characterization Taxonomy and identification of Micromonospora
4.	19-24 months	Preservation of Micromonospora strain Slant stock Glycerol stock Sediment stock lyophilization

R. Bagwadi 5/8/19

Annexure - II

Terms and Conditions:

1. Approval of the research proposal and the grant being released is for the specific project sanctioned and should be exclusively spent on the project within the stipulated time. The Institute is not permitted to seek or utilize funds on any other organization (Government, Semi-Government, Autonomous and Private Bodies) for the concerned research project. Any un-spent balance out of the amount sanctioned must be surrendered to the Government of India through a crossed Cheque/ Demand Draft drawn in favour of Drawing & Disbursing Officer, MoES.
2. For permanent, semi-permanent assets acquired solely or mainly out of the project grants, an audited record shall be maintained by the Institute. The tern "Assets" include (a) the immovable property acquired out of the grant; and (b) movable property of capital nature where the value exceeds Rs. 1000/-. All Institutes is required to send to the MoES a list of assets acquired out of the grant. All grants shall not be utilized for construction of any building unless specific provision is made for that purpose. Any infrastructure facilities by way of accommodation, water, electricity, communication etc. for smooth implementation of the project shall be given by the Institute.
3. All the assets acquired from the grant will be the property of Government of India and should not be disposed off or encumbered or utilized for purpose other than those for which the grant had been sanctioned, without the prior sanction of this Ministry.
4. At the conclusion/ termination of the project, the Government of India will be finalized to sell or otherwise dispose of the assets which are the property of the Government. The Institute shall surrender to the government necessary facilities for arranging the sale of these assets. Government of India has the discretion to gift the assets to Institute or transfer them to any other institute if it is considered appropriate.
5. The Institute will furnish Annual progress Report of the work on the project on yearly basis. In addition, the MoES will designate Scientist/ Specialist or an Expert Panel to visit the Institute periodically to review the progress of the work being carried out and to suggest suitible measures to ensure realization of the objectives of the project. During the implementation of the project the Institute will provide all facilities to the visiting Scientist/ Specialist or Expert Panel by way of accommodation etc. at the time of their visit.
6. At the time of seeking further installment of grant, the Institute/ PI has to furnish the following documents:

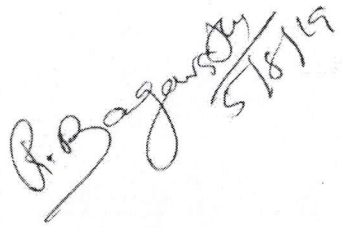
i. Audited Utilization Certificate and Statement of Expenditure in the prescribed format as per GFR, 2017 for the previous financial year (in original or soft copy if sent earlier) duly reflecting interest earned/accrued on the grants received under the project.
ii. Latest authenticated Statement of Expenditure including Committed Expenditure, for expenditure since 1st April of that financial year till the previous month; and demand for the remained period of the said financial year.
iii. Technical Annual Progress Report, duly authorised and singed by the appropriate authority.
iv. The final statement of expenditure with cumulative expenditure statement, UC and project completion report should be submitted within one year from the scheduled date of completion of the project.

R. Bajaj 5/8/19

7. The grantee organisation will have to enter and upload the UC in the PFMS portal besides sending it in physical form to MoES. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by MoES and entry of previous UC in the PFMS.
8. A transparent procurement procedure in line with the provisions of GFR, 2017 will be followed by the Institute/organisation under the appropriate rules of the grantee organisation.
9. Request for specific approval of the Department to carry forward the unutilized grant to the next financial year for utilization for the same project, should be sent along with provisional UC, after completion of the financial year.
10. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
11. The account of the grantee orgnisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the MoES), whenever the organisation is call upto to do so, as laid down under Rule 236 (1) of GFR, 2017.
12. The institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest thus earned should be reported to the MoES and should be reflected in the Statement of Expenditure. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of grant.
13. The instituted will not entrust the implementation of the work for which the grant is being sanctioned to another institution nor will it divert the grant receipts to other institute as assistance. In case the Institute is not in a position to implement or complete the project, it should forward to this Department the entire grant received by it or the balance grant with it.
14. All the personnel including Research personnel appointed under the project, for the full/ part duration of the project, are to be treated as temporary employees and will be governed by the Administrative rules/ service conditions (for leave, HRA/DA etc.) issued by DST's OM No.SR/S9/Z-09/2012, dated 21/10/2014 and GoI's guidelines issued from time to time. They are not to be treated as employees of the Government of India and the MoES will have no liability, whatsoever, for the project staff after completion of the project duration.
15. For the expeditious implementation of the research project, the PI will take the assistance of the Institute in the process of selection and appointment of staff and payment to them. Scale and emoluments for the posts not covered under MoES's OM/DST guidelines are governed by norms prevalent in the implementing Institution or as may be decided in consultation with MoES.
16. The MoES reserve the right to terminate the project at any stage if it is convinced that grant has not been properly utilized or appropriate progress has not been made.

R. Bagavathi 5/8/19

17. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned /accrued should be reported to MoES (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. As per Rule 230(8) of GFR 2017, all interests or other earnings against Grants-in-aid or advances should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts.
18. Expenditure, Advance and Transfer (EAT) module of PFMS should be activated for the grants released under the project and expenditure under the project shall be monitored through EAT module.



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तार / GRAM : वैज्ञानिक / SCIENTIFIC
Web-site : www.icmr.nic.in
E-mail : icmrhqdx@sansad.nic.in

17

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 2017-0898/SCR-BMS

Date: 27.02.2019

To,

Dr. S. Johnson Retnaraj Samuel
Scientist-C
International Research Center (IRC)
Molecular Nanomedicine Research Unit
Center for Nanoscience and Nanotechnology
Sathyabama University, Chennai, Tamil Nadu-600119

Subject:- Award of Research Fellowship to, **Dr. Beryl Vedha Yesudhason,** RA on the Research fellowship project entitled ***"Molecular Mechanism and Multicolor Imaging of ar-turmerone on neuroregeneration".***

Sir,

The Director General, ICMR sanctions Research Fellowship to **Dr. Beryl Vedha Yesudhason,** RA on a stipend of **Rs. 36,000/-** p.m. to carry out research on the project mentioned above, under your guidance. H.R.A. and Medical reimbursement will be paid as per rules of your University.

The award of SRF will be subject to the following terms and condition:

TENURE: It will be tenable for one year only from the date of joining duty and will be on yearly basis subject to maximum of **three years.**

Its continuance will, however, depend on the satisfactory progress of work and can be terminated at any time on a one month's notice, if the progress is not satisfactory, or on receiving adverse report from the Guide. The Fellow will be required to work on the project for a period at least one year.

The event of his/her leaving before completing one year on the fellowship, he/she may be required to refund the stipend drawn by him/her from the date of joining to the date of leaving the fellowship.

PRIVATE PRACTICE: Private practice of any kind, or taking up any appointment even in an honorary capacity during the fellowship is not permitted.

ADMINISTRATIVE CONTROL: The candidate will be under the administrative control of the Institution where he/she works, and will also be subject to the rules and regulations of the Institute.

LEAVE: Leave will be admissible according to the rules of the Institution, however in the case of female research fellows leave without stipend upto 6 months (in lieu of maternity leave) may be granted. No other kind of leave (such as sick leave) etc. will be admissible. Awardees are not entitled to vacation normally admissible to the staff of an Institution.

HRA: HRA will only be paid, if the fellow is not availing any hostel facility. A certificate to this effect should be sent along with joining report for payment of HRA.

REPORTS: The awardee shall submit 1st annual reports for the first 10 months on the prescribed standard proforma.

The first annual report should be submitted after 10 months from the date of commencement of the fellowship giving complete factual details of the research work done through the Guide alongwith his/her appraisal. Subsequent annual report should be submitted through the Guide two months

P.T.O.

before the completion of fellowship tenure. Failure to submit reports in time may lead to termination of the award. Six copies of the final report in the prescribed form clearly shall be submitted one month before the date of termination of the award.

A list of the papers published or presented at Scientific Conferences during the tenure of the fellowship should also be furnished with the annual and final reports.

PUBLICATION OF PAPERS: Prior permission for publication of papers based on the research work done during the tenure of the award should be obtained from the Council. The paper should be sent to the Council through the Guide with his/her recommendations. Due acknowledgement to the Council should be made in these papers.

PAYMENT OF FUNDS: The stipend and the funds for contingencies shall be paid as per procedure laid down in the enclosed an annexure.

CONTINGENT EXPENDITURE: An annual contingent grant of Rs. 20000/- p.a. will be admissible. The contingent grant is given to meet petty expenditure for purchase of chemicals, reagents etc. No non-expenditure article or equipment can be purchased out of the grant.

TRAVEL:-

Traveling allowance will not be admissible for joining duty or on termination of the award.

The Council may approve tours of research fellows/associate for:-

1. **Attending symposium/seminar/conference provided the fellow/associate is presenting a paper which has been accepted by the organizers of the symposium/seminar/conference.**
2. **Field work connected with research**
3. **TA/DA would be admissible as per the rules applicable to Central Government Officers with basic pay equivalent to the amount of the fellowship stipend.**

NOTE:- The expenditure on this account will be met

POST FELOWSHIP CARRIER:-

1. The Research Fellow can register himself/herself for postgraduate qualification and to utilize in his/her the work done by him/her during his/her fellowship tenure. A copy of these submitted for postgraduate degree will have to be sent to the Council for information and record **from the contingent grant sanctioned to the fellow.** Due acknowledgement to the ICMR should be made in the thesis by the research fellows.
2. The Research Fellow should also send to the Council for information a brief report on the post/job taken by him/her after the expiry of the fellowship.

The date indication forenoon/afternoon on which he/she the fellowship may please be intimated to this office. He/she may be asked to report for duty within a month from the date of issue of this letter failing which the award will be treated as cancelled.

Yours faithfully,

(G.S. Sandhu)
Administrative Officer
For Director-General

Copy to :- (Head of the Institution), **The Registar,** Sathyabama University, Chennai, Tamil Nadu-600119.

2. **Dr. Beryl Vedha Yesudhason,** RA, Department of Department of Unemployed, Sathyabama University, Chennai, Tamil Nadu-600119.
3. Accounts Section – I, ICMR
4. IRIS Cell No. 2017-0898

Administrative Officer
For Director-General

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
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फैक्स :

इसरो ISRO

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
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Tel (Off) : +91 80 2341 5474
Fax :

(18)

Dr. M.A. Paul
Assoc. Director, RESPOND& AI
CBPO

☎: 080-23415269/22172269
FAX-080-23412471
respond@isro.gov.in

No. ISRO/RES/3/837/19-20

September 19, 2019

Dear Dr. Saravanan,

Subject: RESPOND Project-"Investigation on in situ high-temperature corrosion behavior of Ni-base and Co-base super alloys and refractory alloys for strategic applications"-reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of Two years** at a total outlay of **₹18.49 Lakhs (Rupees Eighteen Lakh Forty Nine Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of first year grant of **₹ 12.02 Lakhs (Rupees Twelve Lakh Two Thousand only)** towards meeting the First Year expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to submit a comprehensive report covering total project activities. The copies of reports should be sent to **Director, LPSC, Valiamala (Attn: Shri Arun S, Respond Coordinator, LPSC, Valiamala)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to submit the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560094 and Director, LPSC, Valiamala (Attn: Shri Arun S, Respond Coordinator, LPSC, Valiamala) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through **National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE** (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to Registrar, Sathyabama Institute of Science & Technology, Chennai) at the earliest.

With Regards,

Yours sincerely,

(M.A. Paul)

Dr. K Gobi Saravanan
Scientist-C
Centre for Nanoscience & Nanotechnology
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai
Chennai: 600 119
Tamil Nadu

CC: Director, CBPO, ISRO HQ
Director, LPSC, Valiamala
Vice Chancellor, Sathyabama Institute of Science and Technology, Chennai, TN
Registrar, Sathyabama Institute of Science and Technology, TN
Dr. Ravi Ranjan Kumar, Sci/Engr. SE, MDP/MME, LPSC, Valiamala
Shri Arun S, Respond Coordinator, LPSC, Valiamala

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रतीय अन्तरिक्ष अनुसंधान संगठन
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respond@isro.gov.in

No. ISRO/RES/3/810/19-20

August 08, 2019

Dear Dr. Lily Mercy,

Subject: RESPOND Project-"Design and development of ANFIS controller"-reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of Two years** at a total outlay of **₹19.34 Lakhs (Rupees Nineteen Lakh Thirty Four Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of grant of **₹ 11.47 Lakhs (Rupees Eleven Lakh Forty Seven Thousand only)** towards meeting the First Year expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to submit a comprehensive report covering total project activities. The copies of reports should be sent to **Director, IPRC, Mahendragiri (Attn: Shri C Nagarajan, RESPOND Coordinator, IPRC, Mahendragiri)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to submit the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560094 and Director, IPRC, Mahendragiri (Attn: Shri C Nagarajan, RESPOND Coordinator, IPRC, Mahendragiri) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through **National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE** (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to Registrar, Sathyabama Institute of Science and Technology, Chennai) at the earliest.

With Regards,

Yours sincerely,

Nilupama Tiwari
for (M.A. Paul)

Dr. J Lilly Mercy
Assistant Professor
School of Mechanical Engg.
Sathyabama Institute of Science and Technology
Old Mahabalipuram Road
Chennai: 600 119
Tamil Nadu

CC: Director, CBPO, ISRO HQ
Director, IPRC, Mahendragiri
Vice-Chancellor, Sathyabama Institute of Science and Technology, Chennai
Registrar, Sathyabama Institute of Science and Technology, Chennai
Smt. Chrystella Jacob, Sci/Engr, CTIS, AISE, IPRC, Mahendragiri
Shri C Nagarajan, RESPOND Coordinator, IPRC, Mahendragiri

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(20)

Dr. M.A. Paul
Associate Director, RESPOND & AI
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No. ISRO/RES/3/811/19-20

July 31, 2019

Dear Dr. Anderson,

Subject: RESPOND Project - "Plasma sprayed $Gd_2Zr_2O_7$/ YSZ Thermal Barriers coatings for aerospace Engine Components"-reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of Two Years** with a total outlay of **₹19.47 Lakhs (Rupees Nineteen Lakh and Forty Seven Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of grant of **₹10.61 Lakhs (Rupees Ten Lakh and Sixty One Thousand only)** towards meeting the expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, LPSC, Valiamala, Thiruvananthapuram (Attn: Shri Arun S, Respond Coordinator, LPSC, Valiamala, Thiruvananthapuram)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560094 and Director, LPSC, Valiamala, Thiruvananthapuram (Attn: Shri Arun S, Respond Coordinator, LPSC, Valiamala, Thiruvananthapuram) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through **National Eligibility Test– CSIR-UGC NET including lectureship (Assistant Professorship) and GATE** (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to The Registrar, Sathyabama Institute of Science and Technology, Chennai) at the earliest

With Best Regards,

Yours sincerely,

(M.A. Paul)

Dr. A. Anderson
Department of Aeronautical Engineering
Sathyabama Institute of Science & Technology
(Deemed to be University)
Rajiv Gandhi Salai
Chennai : 600 119
Tamil Nadu.

CC: Director, CBPO, ISRO HQ
Director, LPSC, Valiamala, Thiruvananthapuram
Pro-Vice Chancellor, Sathyabama Institute of Science & Technology, Chennai, TN
Registrar, Sathyabama Institute of Science and Technology, Chennai
Shri Nellori Dileep Kumar, MME, LPSC (V), Thiruvananthapuram
Shri Arun S, Respond Coordinator, LPSC (V), Thiruvananthapuram

MoES/16/13/2016-RDEAS
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003
Dated: 1/01/2019

ADMINISTRATIVE ORDER

Subject: "Developing a Virtual Soil Moisture methodology using Optical/Thermal and Microwave Satellite Imagery for surface Soil Moisture Mapping" by Sathyabama University, Chennai.

Sanction of the President is hereby conveyed under Rule 18 of Delegation of Financial Power Rules 1978 for implementation of project entitled **"Developing a Virtual Soil Moisture methodology using Optical/Thermal and Microwave Satellite Imagery for surface Soil Moisture Mapping"** by Registrar, Sathyabama Institute of Science and Technology, Chennai at an estimated cost of **Rs. 36,69,402/- (Rupees thirty-six lakhs sixty-nine thousand four hundred two only) during the period of three (03) years (2018-19 to 2021-22), Rs. 21,53,602/- during 2018-19; Rs. 7,37,000/- during 2019-20; and Rs. 7,78,800/- during 2020-21.**

2.0 Objectives:

The aims of this project are to develop Virtual Soil Moisture Sensor (VSMS) using microwave and optical/Thermal remote sensing. In this context, the following specific objectives will be addressed:

- To develop empirical/semi-empirical model to estimate surface soil moisture using Microwave remote sensing imagery
- To estimate surface soil moisture using optical/Thermal measurements by satellite remote sensing
- To develop a Virtual Soil Moisture methodology using optical/Thermal and Microwave Satellite Imagery for High Resolution surface Soil Moisture Mapping for drought assessment.

2.1 Programmes

The soil moisture is an important variable, as it controls many physical and chemical and biological processes on the earth and the accurate knowledge of soil moisture will help to improve the crop productivity, crop scheduling, drought mitigation and flood. The main aim of the project to improve our understanding about the estimation of soil moisture and in the proposed work of plan with the help of optical and microwave a high resolution data sets will be generated to estimate soil moisture and these generated products will be evaluated with the help of statistical test and other models. The soil moisture products generated from fusion of optical and microwave satellite data will be additionally validated with the soil moisture products of IITM, Pune and IMD.

Significant output of the project will be a methodology for soil moisture estimation from cropped and vegetation field using Indian micro wave (RISAT-1) and optical (LISS-IV) satellite.

2.2 Implementing Organization

This project will be implemented by Centre for Remote Sensing and Geo-informatics, Sathyabama Institite of Science and Technology, Jeppiaar Nagar, Chennai, 600119, Tamil Nadu through Execution of a Bond. A copy of the signed Bond is enclosed at Annexure-II.

1/2/2019

2.3 Estimated Project Cost

Total estimated cost of the project is Rs. 36,69,402/- (Rupees thirty-six lakhs sixty-nine thousand four hundred two only) during the period of three (03), Rs. 21,53,602/- during 2018-19; Rs. 7,37,000/- during 2019-20; and Rs. 7,78,800/- during 2020-21. The year-wise/item-wise fund requirement is as given below:

(Amount in Rupees)

S. No.	Description	1st year	2nd year	3rd year	Total
	Recurring				
1.	Manpower – 1 JRF @ Rs. 25000/- + 30%HRA, 3 rd year SRF @ Rs. 28000/-+ 30% HRA	3,90,000	3,90,000	4,08,000	11,88,000
2.	Consumables	50,000	50,000	1,00,000	2,00,000
3.	Travel (within India)	1,90,000	2,00,000	1,60,000	5,50,000
4.	Contingency	30,000	30,000	40,000	1,00,000
5.	Overhead Charges @ 10%	66,000	67,000	70,800	2,03,800
	Total 'A'	7,26,000	7,37,000	7,78,800	22,41,800
	Equipment/Software				
6.	Equipment/Software: High Configuration Workstation, RISAT-1 (FRS-1), LISS-IV, Solo+MIA (Standalone)Platforms: Windows (S/W), Statgraphics (S/W) and IMD Data (for academic only	14,27,602	0	0	14,27,602
	Total 'B'	**14,27,602**	**0**	**0**	**14,27,602**
	Grand Total 'A+B'	**21,53,602**	**7,37,000**	**7,78,800**	**36,69,402**

2.4 Time Schedule: 3 years (2018-19 to 2021-22)

2.5 Project Monitoring & Evaluation

The progress of the project shall be monitored by the Project appraisal and Monitoring Committee- Atmospheric Science (PAMC-AS) during its bi-annual meetings. In addition the progress will also be reviewed against the time lines through the Annual Progress Reports.

2.6 Description and manner in which the programme is proposed to be implemented

The project will be implemented at Sathyabama Institute of Science and Technology, Chennai through the P.I. Dr. Kishan Singh Rawat, Centre for Remote Sensing and Geo-informatics, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai and the Co-PI Department of Farm Engineering Institute of Agricultural Sciences, BHU Varanasi, U.P. and Dr. Sudhir Kumar Singh, K. Banerjee Centre of Atmospheric and Ocean Studies, University of Allahabad, Allahabad (U.P.) as per details given in Annexure-I.

3.0 The expenditure will be debited to the following Head of accounts-

'3425'	Other Scientific Research (Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
52	Research Education and Training Outreach
52.00.31	Grant-in-Aid-General (Plan)

1/2/2019

4.0 The other terms and conditions governing the sanction are enclosed.

- Grants released by the Ministry to be kept in interest bearing account and the interest earned on the grants shall be refunded to the ministry as per rule 230(8) of GFR 2017.

- Allocation of budget is tentative and subject to changes after review of progress, both physical and financial as recommended by the committee of experts.

- A list of equipments procured and other assets created for this project from the funds released shall be provided to MoES in the prescribed format as per GRF. The ownership in the physical and intellectual assets created or acquired out of MoES funds shall vest in MoES.

- The equipments procured out of the grants from MoES will be maintained by Sathyabama Institute of Science and Technology and will be available for use by other researcher.

- All equipments/assets procured from MoES funds shall be maintained in the stock register of the grantee institute and should not treat such assets as their own assets in their Books of Accounts but should disclose their holding and using such assists in the Notes to Accounts specifically. No asset/equipment shall be diverted and/or disposed off without prior approval of the competent authority in MoES.

- Codal provisions as conveyed in GFR, Manual on Policies and Procedures for purchase of Goods and GOI instructions issued from time to time for services and requisition of research personnel shall be followed.

- While implementing the programme all relevant procedures will be followed and the Ministry shall be apprised of the progress of the project from time to time.

- Utilization Certificate and Statement of Expenditure for the expenditure incurred on the project alongwith DBT details of manpower shall be submitted periodically in the prescribed format as per GFR 12-A.

- Expenditure, Advance and Transfer (EAT) module of PFMS should be activated for the grants released under the project and expenditure under the project shall be monitored through EAT module.

5.0 This issues under powers delegated to this Ministry and with the concurrence of IFD vide their Dy. No. 294/IFD/5489/2018-19/REACHOUT dated 17.08.2018 and with the approval of the Secretary, MoES vide Dy. No. Nil dated 24.08.2018.

51. 51/121/W

1/2/2019

(Manjula Daniel)
Under Secretary to the Govt. of India

To,

The Pay & Accounts Officer,
Pay & Accounts Office,
Ministry of Earth Sciences,
New Delhi-110003

Copy to:

1. Cash Section, MoES for information.
2. The Principal Director of Audit (Scientific Department), AGCR Building, I.P. Estate, New Delhi.
3. The Registrar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai-600119.
4. Dr. Kishan Singh Rawat, Centre for Remote Sensing and Geo-informatics, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai-600 119.
6. AS&FA/ Adv.(GI)/Sct. F (MK)/ Dir(F)/CA/IFD, MoES.
7. PPS to Secretary.
8. Sanction folder/Guard file.

5/. 5101201

7/2/2019

(Manjula Daniel)
Under Secretary to the Govt. of India

SB/S9/Z-03/2017-XXV (2018-19)

Science and Engineering Research Board

(A Statutory Body under Department of Science and Technology)

(22)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

Dated **22.12.2018**

ORDER

Subject: - First edition of *SERB Purdue University Overseas Visiting Doctoral Fellowship 2018-19* Supported by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India and Purdue University, West Lafayette, USA – Release of grant to Mr. Arjun Pitchai, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119.

In continuation to SERB's sanction order of even number dated 21.12.2018 sanction of the **Science & Engineering Research Board (SERB)** is here by accorded for the payment of a sum of **Rs.5,93,159/- (Rupees five lakh ninety three thousand one hundred fifty nine only)** to Mr. Arjun Pitchai, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119, to undertake Doctoral research at Purdue University, West Lafayette, Indiana, USA under the guidance of Dr. Jennifer L. Freeman for a duration of twelve months with effect from the date of joining Purdue University, USA. This includes one time contingency grant of Rs.60,000/- and onward journey fare of Rs.1,13,159/- and three month fellowship of Rs.4,20,000/-.

2. Sanction of the grant is subject to the availability of funds and terms and conditions as specified by SERB from time to time and Memorandum of Understanding between Purdue University, USA and SERB, India.

3. The sanction has been issued with the approval of the competent authority in SERB vide Dy. No. SERB/F/**10233**/2018-19 dated 22.12.2018.

4. The expenditure involved is debitable to
Grants-in-aid for the year 2018-2019 (**Plan Expenditure - General**)
This release is being made under **Overseas Visiting Doctoral Fellowship Scheme**.

5. The amount of **Rs.5,93,159/- (Rupees five lakh ninety three thousand one hundred fifty nine only)** will be drawn by the Under Secretary of the Board; out of which

i) **Rs.4,20,000/-** will be disbursed to Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119 by means of RTGS transaction as per Institute account details given below:

Bank Name	Indian Bank
Branch Name	Sathyabama Institute of Science and Technology branch
Account Name	Sathyabama Institute of Science and Technology - RESEARCH
Account Number	6089858032
IFSC Code	IDIB000S201
Email	provc@sathyabama.ac.in

Cont..2/-

and

ii) **Rs.1,73,159/-** will be disbursed to Mr. Arjun Pitchai, by means of RTGS transaction as per his account details given below:

Bank Name	Indian Bank
Branch Name	Sathyabama Institute of Science and Technology branch
Account Name	P Arjun
Account Number	6146864610
IFSC Code	IDIB000S201
Email of the Grantee	arjunbiotech@gmail.com; arjunneuro89@gmail.com

6. Sathyabama Institute of Science and Technology,Chennai should ensure the timely transfer of the grant received under this programme to Mr. Arjun Pitchai for undertaking the fellowship.

(Dr. Praveen Kumar S)
Scientist `E`

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, III Floor, A.G.C.R Building, I.P Estate, New Delhi – 110002.
2. Under Secretary, SERB (2 copies)
3. **Mr. Arjun Pitchai**
   Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119
   Email: arjunbiotech@gmail.com; arjunneuro89@gmail.com
4. **Dr. Rajesh Kannan Rajaretinam**
   Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119
   Email: rajeshkannan.mnru@sathyabama.ac.in, rajeshnbt12@gmail.com
5. **The Registrar**
   Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai,Chennai, Tamilnadu - 600119
6. **Ms. Heidi Arola**
   Managing Director of Global Partnerships
   India Engagement Coordinator,
   Office of Corporate and Global Partnerships
   Purdue University, West Lafayette, USA
   Email: harola@purdue.edu
7. Sanction folder SERB
8. SERB Secretariat

(Dr. Praveen Kumar S)
Scientist `E`

Account Number : 60898580 32

Amount : Rs 6,50,408/-

Date : 09.03.2021.

(23)

No. TDP/BDTD/30/2019/General
Government of India
Department of Science and Technology
BDTD Programme of TDT Division

Technology Bhavan
New Delhi–110 016

Dated the 9th March, 2021

ORDER

Sub: Financial assistance for the project entitled, "A Novel Non-Invasive Electronics for Early Diagnosis of Arthritis" submitted by Dr. M. Subramoniam, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajeev Gandhi Salai, Chennai, Tamil Nadu – 600 119 release of ***second installment*** --------- regarding.

In continuation of this Department's sanction order of even no. dated 26.06.2019, sanction of the President is accorded for the payment of a sum of **Rs.6,50,408/- (Rupees Six Lakh Fifty Thousand Four Hundred Eight Only)** to the Registrar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajeev Gandhi Salai, Chennai–600 119 being the second installment of grant of the said project.

2. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

3. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

4. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

5. The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:

(b) While submitting Utilization Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) GI should also follow Rule 230[17] of GFR, 2017 concerning reservation of SC/ST/OBC, if applicable.

6. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e.,

9/3/21

www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.

7. As per the Rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace [GeM], to the extant available there as the project involves government funding.

8. PI/Grantee Organization will ensure the procurement process of Capital Assets are completed within the same financial year, provided that the grant is released at least 8 months prior to the close of financial year. Carry forward of such capital grant will be permitted only for immediate succeeding financial year with the concurrence of the grant giving division, if circumstances warrant. Further, no extension/carry forward will be permitted and sanction for such capital grant will automatically stands withdrawn.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. PI should not draw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to **Demand No.87**, Department of Science & Technology for the year **2020-21**:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodes (Minor Head)
70	:	Innovation, Technology Development and Deployment
70.00.31	:	Grants-in-aid General for the year **2020-21 (Plan)** **(Previous: TDP- 3425.60.200.26.01.31)**

15. The amount of Rs. 6,50,408/- **(Rupees Six Lakh Fifty Thousand Four Hundred Eight Only)** under general head will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **the Registrar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajeev Gandhi Salai, Chennai – 600 119** for general component through their bank account as account as per following details:

i)	A/C Holder Name	Sathyabama Institute of Science and Technology
ii)	Name of the Bank	Indian Bank
iii)	Bank Account Number	6089858032

9/3/21

iv)	IFSC Code	IDIB000S201
v)	Branch Address	Sathyabama University
vi)	MICR Code	600019229

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.354 in the register of grants in the Technology Development & Transfer Division [for the scheme of Innovation, Technology Development and Deployment].

17. The unique ID provided by the NGO Darpan Portal to **Sathyabama Institute of Science and Technology** is **TN/2017/0116286.**

18. The continuation of the project beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Umbrella Scheme under which the projects are funded.

19. This issues with the concurrence of IFD vide their concurrence diary No. **C/5466/IFD/2020-21** dated 04.03.2021.

9/3/21

(Anita Aggarwal)
Scientist-F

To

The Pay and Accounts Officer
Department of Science and Technology
New Delhi.

Copy for information and necessary order to:

1. Cash Section (2 copies) for preparing the bill & remitting the amount to the above grantee.
2. Account Section, DST, New Delhi
3. The Director of Audit (CW&M-II), AGCR Building, IP Estate, New Delhi – 110 002.
4. IFD, DST, New Delhi
5. Head (TDT)
6. Office Copy
7. Sanction Folder
8. The Registrar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajeev Gandhi Salai, Chennai – 600 119.
9. Dr. M. Subramoniam, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajeev Gandhi Salai, Chennai – 600 119.
10. File Copy (E-24563)

9/3/21

(Anita Aggarwal)
Scientist-F

(24)

रक्षा अनुसंधान एवं विकास संगठन मुख्यालय
महानिदेशक कार्यालय (टी. एम.)
जैव विज्ञान अनुसंधान बोर्ड
कमरा न 399/04, तृतीय तल,
डी आर डी ओ भवन, राजा जी मार्ग,
नई दिल्ली - 110011
फोन : 011-23007894
फैक्स : 011-23012652
ईमेल : lsrb@hqr.drdo.in

Defence Res. & Dev. Organisation HQ
O/o Director General (TM)
Life Sciences Research Board
Room No. 399/04, 3rd Floor,
DRDO Bhawan, Rajaji Marg,
New Delhi - 110011
Ph : 011-23007894
Fax : 011-23012652
Email : lsrb@hqr.drdo.in

No.O/o DG (TM)/81/48222/LSRB-348/FSH&ABB/2019 Date : 10.06.2019

To,

Vice Chancellor
Sathyabama Institute of Science and Technology,
Deemed to be University,
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai-600119

Sub : **GRANTS IN AID SCHEME OF LIFE SCIENCES RESEARCH BOARD**

In exercise of powers vested in the Life Sciences Research Board vide Govt. of India, Ministry of Defence letters No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998, as amended from time to time in terms of SL No 3.1, and GoI MoD letter No DRDO/DFMM/PL/83226/M/01/1174/D (R&D) dt 28.06.2018. I hereby convey the sanction of the Board for the following project at the cost of **Rs.32,37,070/- (Rupees Thirty two lakh thirty seven thousand and seventy only)**

Project Title and No:

Title : **"Design and development of natural hepato protective churnam for army personnel working in extreme conditions"**

No : **LSRB-348/FSH&ABB/2019**

PI : **Dr. Y Swarnalatha**
Professor
Department of Biotechnology,
Sathyabama University,
Jeppiaar Nagar, Chennai-600119
Mob : 09710431945
Email: lokiswarna@gmail.com

Co-PI : **Dr. S. Sivakkumar**
Dept. of Gunapadam,
National Institute of Siddha,
Tambaram Sanatorium,
Chennai-600047
Ph : 09962528338
Email : ssknis@gmail.com

PDC : 03 Years

Cost : Rs.32,37,070/- (Rupees Thirty two lakh thirty seven thousand and seventy only)

Break-up of the cost:

Grants	1st Yr IC	2nd Yr IC	3rd Yr IC	Line total
(a). Research Staff : JRF – 01	3,72,000	3,72,000	4,16,640	11,60,640
(b).Non-expandable equipment and stores (i) Homogenizer (ii) Refrigerated centrifuge	-	2,37,000	-	2,37,000
(c) Expendable stores, Chemicals etc	2,80,000	4,30,000	2,80,000	9,90,000
(d) Others (i) cultivate plant – manure, seedling, watering charges and gardener chares (ii) Purification and characterization of 4 active compounds to carry out animal experiment	1,83,500 28,000	1,25,000 40,000	1,30,800 27,000	4,39,300 95,000
(d). Contingencies	30,000	30,000	10,000	70,000
(e). TA/DA (including TA/DA of specialist/ monitors for the project)	75,000	1,00,130	70,000	2,45,130
(f). Overhead charges				
Total	9,68,500	13,34,130	9,34,440	32,37,070

Grant Total = Rs.32,37,070/- (Rupees Thirty two lakh thirty seven thousand and seventy only)

2. The research staff is only for the duration of the project. DRDO holds no responsibility for further employment/absorption of the staff. The staff will be recruited as per rules & procedure of the grantee institution.

3. Statements of account duly certified by the executive financial authority of the institution are also required to be submitted along with the annual reports. **Excess expenditure, beyond the yearly sanction, unless authorised by LSRB in writing, shall be the responsibility of the grantee institution.**

4. The annual statement of Expenditure & utilization certificate should be in accordance with the General Financial **Rule-19 (GFR-19).**

5. The duration of the project is **03 Years.** The date of issue of this letter would be reckoned as the commencement date of the project.

6. PI to ensure that the laboratory guidelines for genetic engineering, animal experimentation and medical ethics issued by DBT, Animal Welfare Division (CPCSEA) and Ministry of Health & Family Welfare, Govt of India, respectively and any other statutory issues related to the experiments are adhered to.

7. All Interests or other earnings against Grants – in – aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.

8. A list of inventory of equipment purchased out of LSRB grant shall be intimated along with annual report/closure report, giving item-wise cost, date of purchase and source of procurement to LSRB Sectt. The equipment should be stamped LSRB Project number and each item should be serially numbered. The photocopy of the stock registers maintained by the institute/university for the non-expendable and expendable stores may be submitted duly audited with a certificate from the audit authorities that **"the necessary check has been made and the inventory is found to be in order".** For further details, kindly refer http://www.drdo.gov.in/drdo/English/indexCorpDir.jsp?pg=home.jsp&dir=LSRB.

9. **On completion of the project, the grantee institution would forward the consolidated audited list of equipments and expendable items, if any, with request for retention of equipment for another project or in house R&D, with due recommendations of their executive authority.**

10. **Dr. Illaiyaraja N., Sc-'D', DFRL, Mysore** will be the facilitator. He will be visiting the Institute for periodic monitoring of the project.

11. Following **policy on the Intellectual Properties** generated under the scheme will be taken care of:-

...ground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purposes.

b) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.

c) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.

d) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purposes other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

e) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purposes of Government Applications including armed forces and paramilitary forces.

f) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project whether or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale. Grantee Institution shall abide by DRDO requirements.

g) *DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or* the Grantee Institute of the Intellectual Property Rights of third parties.

h) The term of the above provisions shall survive the term of the Project.

12. If there is any legal issue/dispute, it shall be redressed within the jurisdiction of Delhi.

13. PCDA (R&D), DRDO Cell, West Block-V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned. Payment shall be released through e-payment system and physical cheques will not be issued. A mandate form is enclosed for filling up the required information and forwarding alongwith a blank cancelled cheque bearing account number.

14. In case of premature termination/closure of the project, the grantee institute is liable to refund the entire budget released to them alongwith interest.

15. Closure report – On completion / closure / termination of the project, three copies of the consolidated closure report (soft & hard copy) as per ANNEXURE III (refer website) should be submitted alongwith a certificate that objectives of the project have been achieved. The Executive Summary & unspent amount if any will also be submitted through DD/ Cheque in favour of PCDA (R&D) by PI within 3 months of completion of the project.

16. Ensure about providing of reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services.

17. The expenditure will be debited to Major Head - 2080 (Defence Services) R&D Minor Head-004 Research & Development, Code Head 852/05 of the Defence Services Estimates.

18. Contingent bill (in triplicate) for the release of grant for first year i.e. Rs.9,68,500/- (Rupees nine lakh sixty eight thousand and five hundred only) duly completed and signed on revenue stamp with official seal by the competent financial authority of the institute alongwith ECS mandate form may please be forwarded to us immediately for onward submission to PCDA for payment.

19. This issues with the concurrence of IFA (R&D), New Delhi vide their U.O No.IFA/R&D/0031/LSRB/2019/Vol./0278, dt 29.05.2019

20. The sanction code is DGTM/LSRB/GIA/19-20/0074, dt 06.06.2019.

21. Kindly acknowledge receipt.

Yours faithfully,

(Dr. Rajio Singh)
Member Secretary
Life Science Research Board
O/o DG (TM)

Ink Signed Copy :

(i) PCDA (R&D), DRDO Cell, West Block-V, R K Puram, New Delhi-110066

(ii) IFA (R&D), DRDO Bhawan, New Delhi-110011

(iii) DGADS, 'L-1' Block, Church Road, New Delhi-110011

(iv) OS & DG (TM), DRDO Bhawan, New Delhi-110011

(v) OS & DG (LS), DRDO Bhawan, New Delhi-110011

(vi) **Dr. Y Swarnalatha**
Professor
Department of Biotechnology,
Sathyabama University, Jeppiar Nagar,
Chennai-600119

Copy to:

(vii) Chairman Spl Panel FSH&ABB and Director, DFRL, Mysore

(viii) Member Secretary, ARMREB, DRDO Bhawan, New Delhi-110011

(ix) Member Secretary, AR&DB, DRDO Bhawan, New Delhi-110011

(x) Member Secretary, NRB, DRDO Bhawan, New Delhi-110011

(xi) DER&IPR, DRDO Bhawan, New Delhi-110011

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MoES/36/OOIS/Extra/53/2016
Government of India
Ministry of Earth Sciences
Prithvi Bhawan, Lodhi Road
New Delhi – 110003

Dated: 09/07/2019

ADMINISTRATIVE ORDER

Sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the project entitled **"Characterization and DNA barcoding of polychaetes from the South East Coast, India "** by Principal Investigator (PI), **Dr. M. Ravi,** Scientist C, Center for Ocean Research, Sathyabama Institute of Science and Technology, Chennai at a total cost of **Rs.34,52,760/- (Rupees Thirty four lakhs fifty two thousand seven hundred sixty only)** for a period of three years (2019-20 to 2021-22). The details of the project are as under:

2.0 **Project Objectives:**

- To study the macro-benthic biodiversity with special reference to polychaete taxonomy in various stations of southeast coast of India;
- To decipher the role of physico-chemical variables on the distribution of biological entities as well as seasonal variations on polychaete diversity;
- To extract and purify DNA from tissue of different polychaete species and to amplify a specific region of the Cytochrome c Oxidase Subunit 1 (CO1) by polymerase chain reaction (PCR), and analyze PCR products by gel electrophoresis;
- To use the Basic Local Alignment Search Tool (BLAST) to identify sequences in Data bases;
- To use multiple sequence alignment and tree-building tools to analyze phylogenetic relationships.

2.1 **Programme:** Characterization and DNA bar-coding of polychaetes from the South East Coast, India.

2.2 **Implementing Organization:** The project will be implemented by Sathyabama University, Chennai.

2.3 **Estimated Project Cost:** The total estimated cost of the project is **Rs. 34,52,760/- (Rupees Thirty four lakhs fifty two thousand seven hundred sixty only)** for a duration of three years (2019-20 to 2021-22). The year wise/item-wise fund requirements are as under.

2.4 **Budget requirement for the project :(Amount in Rs.)**

S.No.	Items	1st year	2nd year	3rd year	TOTAL
1.	**Manpower** (01- JRF @Rs. 31000/pm+24% HRA for first two years & @Rs.35000/p.m.+24% HRA for third year. 01-field assistant @ Rs. 8000/pm consolidated payment)	557280	557280	616800	1731360
2.	**Consumables**	200000	200000	150000	550000
3.	**Contingency**	30000	30000	30000	90000
4.	**Travel** (within India)	150000	150000	150000	450000
5.	**Equipment(** Eppendorf Master cycler gradient thermal cycler with Gel documentation system)	400000	00	00	400000
6.	**Over head Charges**	77600	77600	76200	231400
	TOTAL	**1414880**	**1014880**	**1023000**	**3452760**

9/7/2019

2.4 **Time Schedule:** The duration of the project is of three years (2019-20 to 2021-22). The detailed work/time schedule is at **Annexure-I.**

2.5 **Description and Manner in which the programme is proposed to be implemented:** The programme will be implemented by **Dr. M. Ravi** , Scientist C, Center for Ocean Research, Sathyabama Institute of Science and Technology , as Project Investigator and **Dr. Radhika Rajasree S.R.** Scientist –E, Sathyabama University and **Dr. P. Murugesan** , Assistant Professor , Centre of Advanced Study in Marine Biology, Annamalai University as Co-PI of the project.

2.6 **Project Monitoring & Evaluation:** Funded project is being monitored and reviewed by Project Appraisal Monitoring Committee (PAMC-OS) constituted by the Ministry vide O.M.No. MoES/36/OOIS/PAMC/2012 dated 27/10/2016.

2.7 **The expenditure will be debited from the following head of account:**

3425	-	Other Scientific Research (Major Head)
60	-	Others
60.200	-	Assistance to other Scientific Bodies
52	-	Research Education Training & Outreach
52.00.31	-	Grants-in-Aid-General

2.8 **Other Terms and Conditions:** The general and other Specific Terms and Conditions are given at **Annexure –II.**

2.9 This issues under powers delegated to this ministry and with the concurrence of IFD vide Dy. No.197/ IFD/5806/2018-19/REACHOUT dated 10/06/2019 also with the approval of Secretary, dated 21 /06/2019.

9/7/2019

(Manjula Daniel)
Under Secretary to the Government of India

To

The Registrar,
Sathyabama University, Chennai

Copy to:

1. Cash Section, MoES.
2. The Pay & Accounts Officer, Ministry of Earth Sciences, New Delhi.
3. **Dr. M. Ravi**, Scientist C, Center for Ocean Research, Sathyabama Institute of Science and Technology, as PI of MoES project.
4. **Dr. Radhika Rajasree S.R.** Scientist–E, Sathyabama University as Co-PI of the project.
5. **Dr. P. Murugesan** , Assistant Professor, Centre of Advanced Study in Marine Biology, Annamalai University as Co-PI of the project.
6. Controller of Accounts, MoES/PS to Secretary / PS to JS / IFD/Guard File.

9/7/2019

(Manjula Daniel)
Under Secretary to the Government of India

O/C

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FILE NO. ECR/2017/001081

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "Studies on the interaction mechanism between resistant rice varieties and planthopper assemblages mediated through the phloem" under the guidance of Dr. Thangasuja Srinivasan, Centre for Climate Change Studies, Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3855731/- (Rs. Thirty Eight Lakh Fifty Five Thousand Seven Hundred and Thirty One Only) with break-up of Rs. *888410/-* under Capital (Non-recurring) head and Rs.*2967321/-* under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3855731/- has been approved are given below:
The following budget may be considered for Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Freeze dryer/ lyophilizer	888410
A'	*Total (Non-Recurring)*	*888410*
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost)	1216800 1400000
2	Recurring - III : (Overhead Charges)	350521
B'	*Total (Recurring)*	*2967321*
C	Total cost of the project (A' + B')	3855731

2. Sanction of the SERB is also accorded to the payment of Rs. 888410/- (Rupees Eight Lakh Eighty Eight Thousand Four Hundred and Ten only) under 'Grants for creation of capital assets' and Rs. 973490/- (Rupees Nine Lakh Seventy Three Thousand Four Hundred and Ninety only) under 'Grants-in-aid General' to Pro Vice Chancellor, athyabama Institute of Science and Technology, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai being the first installment of the grant for the year 2018-2019 for implementation of the said research project.
3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on 08 November, 2018 and vide Diary No. SERB/F/9223/2018-19 dated 12 November, 2018

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 1861900/- (Rupees Eighteen Lakh Sixty One Thousand Nine Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank

details given below:

Account Name	Sathyabama Institute of Science and Technology - RESEARCH
Account Number	6089858032
Bank Name & Branch	Indian Bank Indian Bank, Sathyabama Institute of Science and Technology Branch, Jeppiaar Nagar, Rajiv Gandhi Salai,Chennai - 600 119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	provc@sathyabama.ac.in
Email id of PI	sujasree07@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2017/001081 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Thangasuja Srinivasan Centre for Climate Change Studies Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 Email: sujasree07@gmail.com Mobile: 917598240054 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Pro Vice Chancellor, Sathyabama Institute of Science and Technology, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai (Receipt of Grant may be intimated by name to the undersigned)

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

(27)

156. -55

56.

FILE NO. ECR/2016/000956

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "Silencing of TCTP gene expression to study the regeneration in earthworm Perionyx excavatus" under the guidance of Dr. Selvanchristyraj Jacksondurairaj, Centre for Nanoscience and Nanotechnology, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3745043/- (Rs. Thirty Seven Lakh Forty Five Thousand and Forty Three Only) with break-up of Rs. *981225*/- under Capital (Non-recurring) head and Rs.*2763818*/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3745043/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Fluorescent Microscope -> Gel Documentation -> Rotary Microtome	981225
A'	*Total (Non-Recurring)*	*981225*
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 980000
2	Recurring - IV : (Overhead Charges)	0
B'	*Total (Recurring)*	340458
C	Total cost of the project (A' + B')	*2763818*
		3745043

2. Sanction of the SERB is also accorded to the payment of Rs. 981225/- (Rupees Nine Lakh Eighty One Thousand Two Hundred and Twenty Five only) under 'Grants for creation of capital assets' and Rs. 904725/- (Rupees Nine Lakh Four Thousand Seven Hundred and Twenty Five only) under 'Grants-in-aid General' to **The Registrar, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on 19 March, 2019 and vide Diary No. SERB/F/12905/2018-2019 dated 26 March, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 1885950/- (Rupees Eighteen Lakh Eighty Five Thousand Nine Hundred and Fifty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction

as per their Bank details given below:

Account Name	Sathyabama University Research
Account Number	6089858032
Bank Name & Branch	Indian Bank Indian BankSathyabama University BranchSathyabama UniversityJeppiaar Nagar Rajiv Gandhi Road Chennai - 600119.
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	deanoffice@sathyabamauniversity.ac.in
Email id of PI	jacksondurairaj@yahoo.com

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2016/000956 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Selvanchristyraj Jacksondurairaj Centre for Nanoscience and Nanotechnology Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119 Email: jacksondurairaj@yahoo.com Mobile: 919655049326 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	The Registrar, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

National Centre for Polar and Ocean Research
Earth System Science Organisation
(Ministry Of Earth Sciences, Government of India)
Headland Sada, Goa - 403804

Date: 05/07/2019

SANCTION ORDER (NCPOR/2019/ PACER-POP/ BS-08)

Director, NCPOR, is pleased to sanction a sub-project entitled " **Diversity and distribution of culturable and non-culturable forms of marine actinobacteria and its role in Southern Ocean biogeochemistry** " to Sathyabama Institute of Science & Technology, Chennai under the Project Monitoring Committee Meeting of The Pacer Outreach Programme (POP) under The Polar Science And Cryosphere (PACER) Programme Initiative at a total cost of **Rs. 38,30,200/- (Rupees Thirty Eight Lakh Thirty Thousand and Two Hundred Only)** for a period of three years (2019-2022) on the terms and conditions detailed here under:

1. **The Project**

   PACER (POP): Diversity and distribution of culturable and non-culturable forms of marine actinobacteria and its role in Southern Ocean biogeochemistry

2. **Implementation:**

   This project will be carried out at the Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai as detailed at Annexure I. The project will be executed by Dr.M.Radhakrishnan, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai as Principal Investigator (PI) and Dr. V. Gopikrishnan, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology,Chennai (Co-PI). The concerned PI will report about the progress to Head of the respective institution and will be responsible for implementation of the project. The time period for implementation of the project is for three years (2019-2022). The project will be initially funded for a period of one year from date of sanction. The release of funds for the subsequent years will be based upon recommendation of the duly constituted Project Monitoring Committee based on the progress of the project.

   Dr. P.V. Bhaskar, Scientist D is the collaborator (Co-PI) for the project from ESSO-NCPOR.

3. Project Objectives

1. Collection of water samples from the Indian sector of Southern Ocean and their physico-chemical characterization
2. Determination of unculturable actinobacterial diversity through metagenomic approach
3. Determination of culturable actinobacteria diversity
4. Characterization and taxonomy of actinobacterial strains isolated from Indian sector of Southern Ocean and their *ex situ* conservation

4. Manpower

The following manpower is sanctioned under this project.

- Junior Research fellow (01 No)
- Research Assistant (01 No)

The host institutes may follow their own guidelines in respect of the manpower engaged by them for the said project. In the absence of host institute guidelines, guidelines of DST, Government of India, should be followed.

5. Terms & Conditions:

5.1 The Principal Investigator (PI) shall be a permanent employee of the host Institution / University/ Research Laboratory/ Organization, and is expected to have sufficient exposure and prior experience in the proposed field. All basic facilities by way of accommodation, infrastructure etc. required for the project shall be provided by the host organization.

5.2 Project will be sanctioned for a specific period and the date of commencement of the project will be the issue of sanction order. The release of further funds will be only against the submission of (i) Audited Utilization Certificate, (ii) Audited Statement of Expenditure, (iii) List of assets acquired from the Project Grants, and (iv) Annual Progress Report.

5.3 Accounts should be maintained in a separate Register by controlling authority.
This account shall be subjected to the audit and the report should be submitted periodically. If it is found expedient to keep a part or whole of the grant in bank account earning interest, the interest thus yielded should be reported to the NCPOR. This will be treated as credit to the host Institution / University / Organization and will be adjusted in the subsequent releases of

the grant by NCPOR. The final audited statement of accounts pertaining to the grant should be submitted within 3 months of the termination / completion of the project. The audited accounts shall be submitted and the unspent balance if any shall be remitted to NCPOR. The Comptroller and Auditor General of India at its discretion shall have the right to access the books and audits of the Institution / University / Organization for the grants received from NCPOR.

5.4 Allocation of funds for various budgetary items as sanctioned shall be adhered strictly. Any deviation either in spending the money from the sanctioned amount for each head or after the lapse of time should be spent only after obtaining the prior approval from NCPOR. No amount can be transferred from one head to other head without the prior approval of NCPOR.

5.5 The host Institution / University / Organization is not permitted to seek or utilize funds from any other organization (Government / Semi-Government / Autonomous or Private) for the same project.

5.6 Research Associates / Fellows and Technical Supporting Staff, can be appointed as per the guidelines of the concerned host institute. The project staff shall not to be treated as employees of the NCPOR. The deployment of such staff after the completion / termination of the project is not the concern / responsibility of the NCPOR.

5.7 The PI shall submit one hard copy and a soft copy of the annual progress report of the project by **last week of June every year** during the entire duration of the project. The review committee constituted by NCPOR will review the progress of the work and suggest measures to ensure an early realization of the results of the project. During the execution period of the project, the host Institution / University / Organization shall extend all facilities to the committee of experts who will be on inspection / review.

5.8 Internal Travel can be included for participation in scientific conferences / symposia / workshops etc connected with the project. **International Travel cost is not allowed out of project funds.**

5.9 Minor equipment not available in the nearby and expendable items to laboratory supplies and cost of computer time etc, may be proposed. However, equipment should be ordered within ninety days from the date of sanctioning of the project. Major equipments may be shared from NCPOR or collaborative institutions.

5.10. For permanent / semi permanent assets acquired solely or mainly out of the grant including books, furniture, etc., an audited record in the form of a register shall be maintained by the host Institution / University / Organization for the record purpose. The term Asset means (i) Immovable

property or (ii) Movable Property of a capital nature where the value exceeds Rs.10,000/-. However, the grant shall not be utilized for construction of any building. At the end of each financial year, a physical stock verification certificate together with asset details is to be provided for the assets acquired under the project grants for the audit purpose.

5.11. All the assets including equipment, prototype acquired or fabricated out of project funds etc, will be property of NCPOR. They will remain with the host Institution / University / Organization concerned unless or otherwise directed by NCPOR. These should not be disposed off or encumbered or utilized for any purpose other than those for which the grant is sanctioned during the project period.

5.12. At the conclusion of the Project, NCPOR will decide about the assets acquired under the project funding. NCPOR has the discretion to give the assets to the Institution if it considers it appropriate. The money generated out of sale proceeds of assets of NCPOR if any, shall be remitted to NCPOR account. However, the host Institution / University / Organization shall render necessary facilities for arranging the sale of assets or transfer them to other places as per the desires of NCPOR.

5.13. Reports / Dissertation / Thesis / Publications coming out of this research work shall be forwarded to NCPOR immediately after their release. Proper acknowledgement should be given to NCPOR and the PACER Outreach Programme (POP) Project in all publications (reports/scientific papers/review articles, etc.) emerging out of the research/activity undertaken under this project as follows:
"The author/authors acknowledge the financial support given by the ESSO-National Centre for Polar and Ocean Research, Ministry of Earth Sciences, under the PACER Outreach Programme (POP) Initiative, to undertake this research".

5.14. The host Institution / University / Organization shall submit all drawings, source codes and technical documentations pertaining to the products of the project at any time as desired by NCPOR. The know-how generated either from the project or the receipts by way of sale of know-how, royalty, etc. will be property of NCPOR. The NCPOR may, at its discretion allow a portion of such receipts to be retained by the host organization. However, sale of know-how, collection and settling the rate of royalty etc. would be decided by the NCPOR.

5.15. In case of change of PI to whom the project is sanctioned, due to unforeseen circumstances, the PI shall submit an upto date status report of the project and accounts and shall hand over the same to the first Co-PI who will become PI after obtaining the necessary permission from the host organization as well as from NCPOR.

(29)

159-58

National Coordinator

SPARC

Scheme for Promotion of Academic and Research Collaboration

No.: SPARC/2018-2019/P872/SL

Dt.: 25.06.2019

To
Dr. Vinita Vishwakarma,
Centre for Nanoscience and Nanotechnology,
Sathyabama Institute of Science and Technology,
India

Dear Sir/Madam,

Sub: Sanction letter of SPARC proposal

Based on the recommendation of the Apex Committee of SPARC, MHRD has sanctioned the following project. The details are mentioned below

Project Code	:	P872
Proposal-Id	:	872
Title	:	Development of Nanostructured Polymetallic Antifouling Coatings in Oil and Gas/Biofuel Pipelines
Indian PI	:	Dr. Vinita Vishwakarma (Sathyabama Institute of Science and Technology)
Indian Co-PI(s)	:	Dr. Dawn S S (Sathyabama Institute of Science and Technology)
International PI	:	Dr. Saravanamuthu Vigneswaran (UNIVERSITY OF TECHNOLOGY SYDNEY (UTS))
International Co-PI(s)	:	Dr. Gayathri Danasamy Naidu (UNIVERSITY OF TECHNOLOGY SYDNEY (UTS))

Sanctioned Budget Details :

Budget Head	Sanctioned Amount (in INR)
Travel - International Faculty	21,18,640
Travel - International Scholar	0
Travel - Indian Scholar	7,38,400
Publication - Monograph	1,00,000
Workshop / Symposium	3,00,000
Overhead and Contingency	7,02,000
Total	**39,59,040**

The start date and the duration for the project are as follows

Start Date: 25.06.2019 **Duration:** 2 years

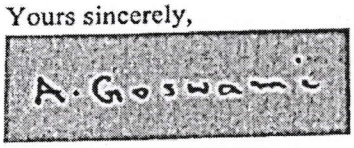
All procedures to be followed including expenditure will be as per SPARC norms.

As per rule 211 of GFR, the accounts of project shall be open for inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The Institute Coordinator of SPARC is requested to arrange for uploading provisional statement of accounts/UC in the site for all projects approved for the Institute during the 1st week of April and to upload the audited statement of accounts/UC by July.

The sanction is issued as per the approval of the National Coordinator, SPARC.

Yours sincerely,



For National Coordinator
IIT, Kharagpur

(30)

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FILE NO. CRG/2018/001448
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 11-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled **"Design, Fabrication and Evaluation of Compositionally Graded Nanocomposite Hard Coatings for High-Temperature Tribological Applications"** under the guidance of Dr. Dinesh Kumar D, Centre for Nanoscience and Nanotechnology, Department of Physics , Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 and by Dr. Kuppusami Parasuraman, Senior Scientist, Centre For Nanoscience And Nanotechnology, Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4343020/-** (Rs. Forty Three Lakh Forty Three Thousand and Twenty Only) with break-up of **Rs. *1925000*/-** under **Capital (Non-recurring)** head and **Rs.*2418020*/-** under **General (Recurring)** head for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4343020/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Linear Reciprocating Tribometer (LRT)	1925000
A'	*Total (Non-Recurring)*	*1925000*
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1513200 450000 60000
2	Recurring - IV : (Overhead Charges)	394820
B'	*Total (Recurring)*	*2418020*
C	**Total cost of the project (A' + B')**	4343020

2. Sanction of the SERB is also accorded to the payment of **Rs. 1925000/-** (Rupees Nineteen Lakh Twenty Five Thousand only) under 'Grants for creation of capital assets' and **Rs. 846000/-** (Rupees Eight Lakh Forty Six Thousand only) under 'Grants-in-aid General' to **Chancellor, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Condensed Matter Physics and Material Sciences)**

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **09 March, 2019** and vide Diary No. **SERB/F/12036/2018-2019 dated 09 March, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2771000/- (Rupees Twenty Seven Lakh Seventy One Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Sathyabama Institute of Science and Technology
Account Number	6089858032
Bank Name & Branch	Indian Bank Sathyabama Institute of Science and Technology Branch, Rajiv Gandhi Salai,Chennai 600 119.
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	provc@sathyabama.ac.in
Email id of PI	ddinesh.tribology@gmail.com

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. CRG/2018/001448 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

Nilotpal Ghosh

(Dr.Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

4.	Dr. Dinesh Kumar D Centre for Nanoscience and Nanotechnology, Department of Physics Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 Email: ddinesh.tribology@gmail.com Mobile: 919976563823 Dr. Kuppusami Parasuraman Centre For Nanoscience And Nanotechnology Sathyabama Institute Of Science And Technology (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Chancellor, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai (Receipt of Grant may be intimated by name to the undersigned)

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

(31)

National Coordinator

SPARC
Scheme for Promotion of Academic and Research Collaboration

Scheme for Promotion of Academic and Research Collaboration

No.: SPARC/2018-2019/P974/SL

Dt.: 15.03.2019

To
Dr. Krupakar Parthasarathy,
Centre for Drug Discovery and Development,
Sathyabama Institute of Science and Technology,
India

Dear Sir/Madam,

Sub: Sanction letter of SPARC proposal

Based on the recommendation of the Apex Committee of SPARC, MHRD has sanctioned the following project. The details are mentioned below

Project Code	:	P974
Proposal-Id	:	974
Title	:	Identification of Biomarkers for the development of Rapid diagnostics of Pulmonary Tuberculosis by quantum dot bio-imaging
Indian PI	:	Dr. Krupakar Parthasarathy (Sathyabama Institute of Science and Technology)
Indian Co-PI(s)	:	Dr. Govindaraju Kasivelu (Sathyabama Institute of Science and Technology), Dr. Sheela Rani (Sathyabama Institute of Science and Technology), Mr. Anbarasu Sivaraj (Sathyabama Institute of Science and Technology)
International PI	:	Prof. Gerhard Gruber (NANYANG TECHNOLOGICAL UNIVERSITY (NTU))
International Co-PI(s)	:	Dr. Shashi Bhushan (NANYANG TECHNOLOGICAL UNIVERSITY (NTU))

Sanctioned Budget Details :

Budget Head	Sanctioned Amount (in INR)
Travel - International Faculty	26,95,870
Travel - International Scholar	72,000
Travel - Indian Scholar	6,34,740
Publication - Monograph	2,00,000
Workshop / Symposium	3,00,000
Overhead and Contingency	9,75,000
Total	**48,77,610**

The start date and the duration for the project are as follows

Start Date: 15.03.2019 **Duration:** 2 years

All procedures to be followed including expenditure will be as per SPARC norms.

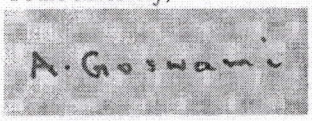
As per rule 211 of GFR, the accounts of project shall be open for inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The Institute has to maintain a separate account for each project.

The Institute Coordinator of SPARC is requested to arrange for uploading provisional statement of accounts/UC in the site for all projects approved for the Institute during the 1st week of April and to upload the audited statement of accounts/UC by July.

The sanction is issued as per the approval of the National Coordinator, SPARC.

Yours sincerely,



For National Coordinator
IIT, Kharagpur

154 - 56

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FILE NO. ECR/2017/001030

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "Sodium/glucose co-transporter-1 (SGLT1) and glucagon like peptide-1 (GLP-1) mediated nutrient sensing in metabolic disorders" under the guidance of Dr. Maharshi Bhaswant Cheethirala, Centre for Nanoscience and Nanotechnology, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 5360300/- (Rs. Fifty Three Lakh Sixty Thousand Three Hundred Only) with break-up of Rs. *2429640/-* under Capital (Non-recurring) head and Rs.*2930660/-* under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 5360300/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Langendorff	2429640
A'	*Total (Non-Recurring)*	*2429640*
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 1000000 0
2	Recurring - IV : (Overhead Charges)	487300
B'	*Total (Recurring)*	*2930660*
C	Total cost of the project (A' + B')	5360300

2. Sanction of the SERB is also accorded to the payment of Rs. 2429640/- (Rupees Twenty Four Lakh Twenty Nine Thousand Six Hundred and Forty only) under 'Grants for creation of capital assets' and Rs. 956960/- (Rupees Nine Lakh Fifty Six Thousand Nine Hundred and Sixty only) under 'Grants-in-aid General' to Pro-Vice Chancellor , Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on 19 March, 2019 and vide Diary No. SERB/F/12903/2018-2019 dated 26 March, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 3386600/- (Rupees Thirty Three Lakh Eighty Six Thousand Six Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SATHYABAMA UNIVERSITY - RESEARCH
Account Number	6089[illegible]8032
Bank Name & Branch	INDIAN BANK INDIAN BANK, SATHYABAMA UNIVERSITY BRANCH, JEPPIAR NAGAR, RAJIV GANDHI ROAD, CHENNAI-600119
IFSC/RTGS Code	IDIB[illegible]0S201
Email id of A/C Holder	provc@sathyabamauniversity.ac.in
Email id of PI	cm[illegible]harshi@gmail.com

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. [illegible]CR/2017/001030 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their publications as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Holder, SERB, New Delhi.
3.	File Copy
4.	Dr. Ma[illegible]shi Bhaskavant Cheethirala Centre for Nanoscience and Nanotechnology Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119 Email: cmsharshi@gmail.com Mobile: 917093038003 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Pro-Vice-Chancellor, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

33

Date:09.01.2020

F.No.9-96/RIFD/MOD/Policy-I/2018-19

All India Council for Technical Education
(A Statutory Body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

MODROB - Sanction Letter

F.No.9-96/RIFD/MOD/Policy-I/2018-19 Date:09.01.2020

To,

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

Sub: **Release of a sum of Rs.1040000/- (Rupees Ten Lakh Forty Thousand Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.**

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1300000/- (Rupees Thirteen Lakh Only)** as Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	**Director/ Principal/ Registrar, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI Tamil Nadu -600119**		
2.	Title of Project:	Modernisation of Electronics Lab		
3.	Name of Coordinator:	**Dr. VIJAYA BASKAR VEERAIYAN**		
4.	Duration of the project:	**2 Years**		
4.	Total Grant-in-aid Sanctioned:	**Total: Rs.1300000/-**	**Non-Recurring (85%):** Rs.1105000/-	**Recurring (15%):** Rs.195000195000/-
5.	Amount to be released during the year 2019-20:	**1st Installment Rs.1040000/-**	**Non-Recurring (85%):** Rs.884000/-	**Recurring (15%):** Rs.156000/-
6.	Sanctioned grant-in-aid is debitable to:	**Major Head 601.18(a) Gen. (Plan Head)**		

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the institute through RTGS/PFMS.

2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION

I. Release of funds:

a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Branch Address	Account Holder Name	Account Type	Account Number	IFSC
AAITS6572P	INDIAN BANK	Sathyabama	[illegible]	Sathyabama Institute of Science and Technology-Research	Current Account	48296506!	IOIB0005201

In case of any omission the same should be reported to AICTE immediately.

b. *The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.*

c. 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.

d. To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

II. **Maintenance of accounts:**

a) The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-96/RIFD/MOD/Policy-I/2018-19 Dated 15.11.2019 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project, failing which correspondence will not be entertained.

b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.

c) The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure *(list enclosed)*.

d) The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

e) The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.

f) After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. **Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi:**

a) If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.

b) If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.

c) In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.

d) It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

e) As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. **Submission of documents by college/institution after completion of Project/Subsequent years:**

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

a) Feedback form in the prescribed proforma.

b) The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.

c) The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.

d) In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Charted Accountant *(with membership no., full address & stamp)*. Photocopies of formats are enclosed.

Date:09.01.20120

e) Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be as under:

i Principal Director/Registrar of the Institution(Chairperson)
ii Coordinator of the project (Member Secretary).
iii Two HODs and one subject expert (Members).
iv The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

f) Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
g) Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
h) Photographs of equipment's purchased.
i) The balance amount of the grant will be reimbursed to the univ/college/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

a) The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
b) Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-96/RIFD/MOD/Policy-1/2018-19 in your future correspondence.
c) The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
d) The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
e) The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
f) The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR. rules. (@https://doe.gov.in/order-circular/general-financial-rules2017-0) should be followed during utilization of grant.

List of Equipment's approved :

Name of Equipments
Software: NI Circuits Simulation Software - Multisim
Hardware: NI ELVIS III Hardware for Circuit Prototyping and Characterization

Yours sincerely,

Prof. Dileep N. Malkhede
Advisor-I (RIFD)

Date:09.01.20120

F.No.9-96/RIFD/MOD/Policy-1/2018-19

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,
   Dr. VIJAYA BASKAR VEERAIYAN,
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI Tamil Nadu -600119

2. The Registrar / Director / Principal,
   SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY,
   JEPPIAAR NAGAR, RAJIV GANDHI SALAI Tamil Nadu -600119

3. *Guard File*

Prof. Dileep N. Malkhede
Advisor-I (RIFD)

2019

MoES/11-MRDF/ESTC-MEB(SU)/2/2014 PC-III

भारत सरकार

Government of India

पृथ्वी विज्ञान मंत्रालय

Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi-110003
Dated: -06-2019

Administrative Order

विषय: Revised A.O. of Earth Science & Technology Cell (ESTC) **Network** Project entitled "Marine Biotechnological Studies (MBS)" of Sathyabama Institute of Science and Technology (SIST), Chennai under Research & Development in Earth and Atmospheric Sciences.

In supersession of Ministry's A.O. of even number dated 07/08/2018, sanction of President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules, 1978 for implementation of the project(s) of "Earth Science & Technology Cell (ESTC) on Marine Biotechnological Studies (MBS)" of Sathyabama Institute of Science and Technology, Chennai, deemed to be University at an estimated cost of **Rs. 3,12,11,740 (Rupees Three crore twelve lakhs eleven thousand seven hundred and forty only)** for the period of 3 years (Rs. **2,02,45,020/-** during 1st Year(2019-20), Rs. **55,68,690/-** during 2nd Year(2020-21) and Rs. **53,98,030/-** during 3rd Year(2021-22).

2.0 Objectives: The main objectives of establishment of ESTC on "Marine Biotechnological Studies (MBS)" under Marine Ecology & Biology(MEB) and its initial network projects are as following.

- To augment marine living resources and biotechnology in collaboration with Centre For Marine Living Resources and Ecology(CMLRE), kochi and National Institute of Ocean Technology(NIOT), Chennai..
- To identify the R&D requirements and to fulfill the gap to develop potent marine bioactive products.
- To establish collaboration between National and international Institutions. .
- To create infrastructure facilities related to advance research in marine biotechnological studies.

3.0 Programs:-

The main purpose of the ESTC on Marine Biotechnological Studies (ESTC-MBS) is innovation and application of high end biotechnologies upon Marine Bio Resources of Indian Coast for genetic characterization, assessment, conservation and bio-prospection of and potent bioactive molecules for sustainable utilization, Intellectual Property rights, economical benefits and Posterity. Vision is to realize the potential of Marine Biotechnology for safe marine environment and marine bioproducts, leading to overall socio-economic growth, welfare and progress of humanity. This ESTC (MBS) will promote, support and facilitate the research to

18/6/2019

Tele: 011-23007437
Telefax : 011-23017582

No ERIP/ER/18-19/C/048

Directorate of Extramural Research and Intellectual Property Rights (ER&IPR)
IIIrd Floor, Room Nos 348 & 349
DRDO Bhawan, Rajaji Marg, DHQ PO
New Delhi – 110 011

erip_conf@hqr.drdo.in

30 Dec 2018

To

Dr. Anoop Kumar Mishra
Sc'F', Centre RS and GIS,
Sathyabama Institute of Science and Technology,
OMR, Chennai, Tamil Nadu- 600 119

Sub : **Payment regarding "Two Days Traning Program on Applications RS & GIS with Special Reference to Disaster Management" on 10-11 Dec 2018 at Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu**

1. An amount of **Rs 40,000/- (Rupees Forty Thousand only)** has been transferred by PCDA (R&D), New Delhi in favour of **"SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY - RESEARCH"** through ECS mode on account of the subject conference.

2. उपर्युक्त विषय पर **40,000/- (Rupees Forty Thousand only)** की धनराशि ईसीएस मोड के द्वारा **"SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY - RESEARCH"** के पक्ष में हस्तांतरित की गई है।

3. The under mentioned documents are to be forwarded (within 60 days after completion of events) to this office as per Instructions and conditions of the grants :-

(a) An official Receipt of **Rs. 40,000/-** duly signed **immediately** for our records.

(b) One copy of the proceedings of the event.

(c) Utilisation Certificate duly signed. (Format enclosed) along with statement of Expenditure.

(d) Details of Participants from DRDO (if any)

4. अनुदान के अनुदेशो तथा शर्तों के अनुसार निम्नलिखित दस्तावेजों को भी इस कार्यालय को अग्रेषित किया जाए:-

क) विधिवत हस्ताक्षरित **40,000/-** रूपये की रशीद ।

ख) इस कार्यक्रम की कार्यवाहियों की एक प्रति ।

ग) विधिवत हस्ताक्षरित उपयोगिता प्रमाणपत्र दो प्रतियों में (फॉर्मेट संलग्न)

ख) DRDO प्रतिभागियो की सूची (यदि कोई है)

Vashishtha

Encls: As above
सलंग्नक: यथोपरि

(MM Vashishtha/ एम एम वशिष्ठ)
Asstt. Director/ सहायक निदेशक

Sathyabama Institute of Science & Technology WEBMAIL

inba kandan <inbakandan@sathyabama.ac.in>

Your Proposal DBT/CTEP/01/20190649791 has been approved

2 messages

ctepcell@dbt.nic.in <ctepcell@dbt.nic.in> Wed, Aug 7, 2019 at 11:32 AM
To: inbakandan@sathyabama.ac.in
Cc: vc@sathyabama.ac.in

Respected Sir/Madam,
Dr. D. INBAKANDAN
Sathyabama Institute of Science and Technology

Congratulations!

Your proposal with ID DBT/CTEP/01/20190649791 has been approved by DBT. You have been granted financial assistance of Rs. 75000. Financial assistance would be released as per DBT-CTEP norms.

Below is the committee's remarks:
Recommended

Claims should be submitted within 3 months of the successful completion of the event. Any claim received beyond this period will not be considered for payment.

The grant would be released on submission of the claim along with all the requisite documents at the earliest, subject to availability of funds.

The recommendation is also available on our website.

Sincerely yours,
DBT-CTEP Management Cell
Biotech Consortium India Limited,
5th Floor, Anuvrat Bhawan | 210, Deen Dayal Upadhyaya Marg,
New Delhi - 110002 | India,
Tel.: 91-11-23219064-67 | Fax: 91-11-23219063,
E-mail ctepcell@dbt.nic.in
(To keep receiving our mails in your mailbox, please add our email address ctepcell@dbt.nic.in in your contact list)

---

inba kandan <inbakandan@sathyabama.ac.in> Wed, Aug 7, 2019 at 1:00 PM
To: Director Research <directorresearch@sathyabama.ac.in>

Dr. D. INBAKANDAN, M Sc, ADAB, PGDMBT, Ph D.
Course Coordinator - PGDFFPT
Head & Scientist – E / Associate Professor
Centre for Ocean Research (DST-FIST Sponsored Centre)
MoES - Earth Science & Technology Cell (Marine Biotechnological Studies)
Col. Dr. Jeppiaar Research Park
Sathyabama Institute of Science and Technology
Chennai - 600 119, Tamil Nadu, India.
Email : inbakandan@gmail.com
inbakandan@sathyabama.ac.in
Mobile : 91-9965540310
Websites:
http://www.centreforoceanresearch.in
https://scholar.google.co.in/citations?user=dM6FkdIAAAAJ&hl=en

@ Please consider the environment before printing this e-mail

FILE NO. SSY/2018/000226

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: **10-May-2018**

ORDER

Subject: Financial assistance for the organizing National Symposium on "National Symposium on the Impact of Biofouling on Coastal Structures & Marine Industries (BIOFOULING 2018)" by Dr. D Inbakandan, Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 being held from 08-Aug-2018 to 09-Aug-2018 (2 days).

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 100000/- (Rs. One Lakh Only)** to Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2018-2019 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing and Contingencies in connection with the above event.

2. The amount of **Rs. 100000/- (Rs. One Lakh Only)** will be drawn by Under Secretary, SERB and disbursed by the means of Cheque or Electronic Fund Transfer (NEFT/RTGS) as beneficiary's Bank Details given below.

Account Name	**Sathyabama Institute of Science and Technology Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Indian Bank, Sathyabama Institute of Science and Technology Branch, Sollinganalloor, Chennai**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabama.ac.in**
Email id of PI	**inbakandan@gmail.com**

to Registrar, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee)

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide sanction number to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **23 April, 2018** and vide Diary No. **SERB/F/297/2018-2019** dated **08 May, 2018**

5. As per Rule 211(1) of GFRs, the accounts of the Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

6. It is **mandatory** that the grantee institution is required to submit to this office, audited Statement of Income-Expenditure, Utilization Certificate (in duplicate as per prescribed format) and brief report of above event (max. 04 pages) within three months after the date of completion. .

7. The balance amount, if any, may be returned through DD in favor of "Fund for Science & Engineering Research" payable at New Delhi.

8. The Organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Science and Engineering Research Board, a statutory body of the Department of Science and Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

9. In addition, the investigator / host Institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science and Engineering Research Board, a statutory body of the Department of Science andTechnology (DST), Government of India.

10. The logo of SERB is to be displayed on all Conferences / Seminars / Symposium material being used for the event.

(Dr. Ramesh Vijayan)
Scientist C
seminar.symposia@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. D Inbakandan** **Centre for Ocean Research** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: inbakandan@gmail.com** **Mobile: 919965540310** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
Scientist C
seminar.symposia@serb.gov.in

5

No.MoES/SSWC/14/2016-PC-V
Government of India
Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi
/04/2018

SANCTION ORDER

Sanction of the competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978 for release of an amount of Rs.2,00,000/- (Rs. Two lakhs only) to Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu to meet the expenditure for National Conference on "Recent Trends in Climate Change Studies" which was held on 26-27 March, 2018 at Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu.

2. The above expenditure will be debitable to the following head of account:

3425	-Other Scientific Research (Major Head)
60	-Others
60.200	- Assistance to Other Scientific Bodies (Minor Head)
52	- Research Education & Training Outreach
52.00.31	- Grant-in-aid-General

Under demand no.25 of the Ministry of Earth Sciences for year 2018-19 (Plan)

3. The amount of Rs.2,00,000/- (Rs. Two lakhs only) will be drawn by the DDO, MoES and disbursed to the Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu through ECS/RTGS to "Sathyabama Institute of Science and Technology" payable at Chennai, Tamil Nadu as per following bank details.

1.	Name of Account Holder	Sathyabama Institute of Science and Technology
2.	Name of Bank	Indian Bank
3.	Name of Branch	Sathyabama University, Jeppiaar Nagar, Chennai-600119, Tamil Nadu
4.	Account Type	-
5.	Account Number	6089858032
6	IFSC/RTGS/NEFT Code	IDIB000S201
7.	MICR Code	600019229

4. The Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu shall render the Utilization Certificate indicating the amount received and expenditure incurred by the Institute within three months after the specified date of the event as per the format given along with the application form which is available on Ministry's web page. UC's should be submitted to head, Awareness and Outreach Programme, Ministry of Earth Sciences, Prithvi Bhawan, Lodhi Road, New Delhi 110003.

5. No Utilization Certificate is pending against the Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu.

Biswastar
24.4.18

6. The accounts of grantee Institution/Organization shall be open to inspection by the sanctioning authority and audit by the Controller and Auditor General of India under the provision of CAG (DPC) Act 171 and internal audit by the Principal Accounts Office of the Ministry whenever the Institution or Organization is called upon to do so.

7. This issues under the delegated powers of the Ministry and with the concurrence of IFD vide their diary No.05/IFD/2756/2018-19/Reachout dated.06/04/2018.

8. The expenditure has been entered in E.C.R. at Page No.110. Sl. No.04.

Srivastava 24.4.18
(Archana Srivastava)
Under Secretary to the Govt. of India

To
The Pay & Accounts Officer, Pay & Accounts Office,
Ministry of Earth Sciences, Prithvi Bhawna, Lodhi Road, New Delhi – 110003

Copy to:

1. The Principal Director of (Audit Scientific Deptts), AGCR Building, I.P Sta1te, N. Delhi.
2. Cash Section, MoES for necessary action.
3. The Registrar, Sathyabama Institute of Science and Technology, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu.
4. Dr. Jagvir Singh, Sci-F/US(A)/AD(OL) for Hindi translation/Guard file/ Sanction folder.
5. The Controller of Account, Ministry of Earth Sciences, Prithvi Bhawan, New Delhi.

Srivastava 24.4.18
(Archana Srivastava)
Under Secretary to the Govt. of India

7,8

No. BT/IN/Indo-US/Foldscope/39/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No.2, 6-8th Floors,
CGO Complex, Lodi Road,
New Delhi - 110 003.
Dated: 20.03.2018

Admin Order

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the payment of **Rs.3120.00 Lakhs (Rupees Thirty One Crore Twenty Lakhs Only)** to Biotech Consortium India Limited (BCIL), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhaya Marg, New Delhi - 110002 towards the **"Towards disbursement of Micro grant for implementation of projects under the Foldscope scheme"** as per break-up given below:

(Rs. in Lakhs)

Sr. No.	Item	Number of Schools/ Colleges/ Institute/ University	Total budget per School/ Colleges/Institute/ University	Total Budget	1st Installment (75%of total budget)	2nd Installment (25%of total budget)
I	NER Schools (Category-A)	33	4.00	132.00	98.00	34.00
II	Other Regions of India Schools (Category-A)	84	4.00	336.00	252.00	84.00
III	NER Colleges/Institute / Universities (Category-B)	81	8.00	648.00	486.00	162.00
IV	Other Regions of India Colleges/Institute / Universities (Category-B)	247	8.00	1976.00	1483.00	493.00
	Total (A)			3092.00	2319.00	773.00
V	Budget for the Project Secretariat to BCIL (B)			28.00	28.00	0.00
	Grand Total (A+B)			3120.00	2347.00	773.00*

*The second installment will be released after the review of technical & scientific progress report and submission of UC/SE after 6 months.

2. The list of approved School/Colleges/Institute/ Universities of category A & B may be seen at **Annexure-I to IV.**

3. The budget details for awardees under category 'A' and category 'B', and the budget breakup of Project Secretariat to BCIL may be seen at **Annexure- V.**

4. The budget for Item-I [NER (Schools)] and Item-III [NER (Colleges/Institute/ University)] will be debitable by the NER budget head.

5. The budget for Item-II (Other Regions of India Schools), IV (Other Regions of India Colleges/Institute/ Universities) & V (Project Secretariat to BCIL, Detailed Budget for Category A &B) will be debitable from Biotechnology Research and Development (R&D) head.

6. The Foldscope and Micro grants shall be disbursed to the Schools, Colleges and Universities by the NER-BPMC/BCIL as per the **Annexure-I to V.**

7. **Time Schedule:** The duration of the project is 1 Year 0 Month from the date of this sanction order.

8. The expenditure involved is debitable to:

Demand No. 85	**Department of Biotechnology**
3425	**Other Scientific Research 2017-2018**
3425.60	**Others (Sub Major Head)**
3425.60.200	**Assistance to other Scientific Bodies (Minor Head)**
3425.60.200.29	**Biotechnology Research and Development**
3425.60.200.29.17	**Assistance for Research and Development**
3425.60.200.29.17.31	**Grants-in-aid General**

9. The other terms and conditions governing this sanction are attached at **Annexure- VI.**

10. A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release.

11. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

12. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

13. The Managing Director, Biotech Consortium India Limited (BCIL), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhaya Marg, New Delhi - 110002would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

14. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.

15. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest thereon as per Govt. of India shall be recovered.

16. As per Ministry of Finance OM. No. C-13015(34)/MF CGA/PFMS/Misc/2014-15/2095-2127 dated 03.03.2015 all transaction involving cash component has to be made through Public Financial Management System (PFMS) w.e. 01.04.2015 to each beneficiaries.

17. UC/SE must show all the heads as per the sanction order.

18. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **SAN. No. 102/IFD/SAN/4849/2017-18 dated 16.03.2018.**

19. This sanction order has been noted at Serial No. in the Register of Grants.

Vaishali Panjabi

(Vaishali Panjabi)
Scientist 'D

To,

The Pay & Accounts Officer
Department of Biotechnology
Ministry of Science & Technology
Lodhi Road, New Delhi-110 003

Copy to:-

1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002.
2. The Pay & Accounts Officer, Department of Science & Technology, New Delhi–110016.
3. Cash Section, DBT. (2 copies).
4. IFD, DBT.
5. The Managing Director, Biotech Consortium India Limited (BCIL), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhaya Marg, New Delhi - 110002
6. Sanction Folder.
7. **US (IFD) to re-appropriate the budget for Item –I & III from the NER Budget.**

Vaishali Panjabi

(Vaishali Panjabi)
Scientist 'D

Annexure-V

Budget Details for Awardees under the Category 'A' (Educational and Training Tool):

The budget of **Rs. 4.00 lakhs** will be provided with the following breakup:

S.No.	Items	Amount (Rs. in lakhs)
1.	Consumables	1.00
2.	Travel	2.50
3.	Contingency	0.50
	TOTAL	4.00

Each school will be twinned with a North East school

Budget Details for Awardees under the Category 'B' (Research Tool):

The budget of **Rs. 8.00 lakhs** will be provided with the following breakup:

S.No.	Items	Amount (Rs. in lakhs)
1.	Consumables	2.00
2.	Travel	2.00
3.	Contingency	1.00
4.	Manpower (1 JRF @ 25,000/- p.m.)	3.00
	TOTAL	8.00

Budget for the Project Secretariat:-

(Rs. in lakhs)

Sl. No.	Item	Amount
1	Hiring Finance Officer (1nos.) @ Rs. 45,000/-pm	5.40
2	Hiring of Programme Officer (1no.) @Rs. 35,000/- pm	4.20
3	Overhead Charges for management of the Scheme	18.40
	Total	28.00

Roles and Responsibilities of the Project Secretariat:-

- Manage disbursement of funds to the 4454 applications, maintenance of accounts for disbursed amount, financial check and balances, monitor progress of the proposals.
- Telephone/ courier/photocopy etc. (Communication with PIs, photocopies of UC/SE formats, large number of mailers etc).
- Cost towards travel of the NERBPMC/BCIL team for organizing workshops.
- Courier of Foldscopes to the applicants.
- Customs clearance of the Foldscope consignment.
- Assist DBT in organising workshops

INDIAN COUNCIL OF MEDICAL RESEARCH

(Ministry of Health & Family Welfare, Govt. of India)
V. Ramalingaswami Bhawan, Ansari Nagar,
New Delhi-110029
Correspondence at ICMR Campus II
Tuberculosis Association of India, 1st Floor, 3 Red Cross Road, New Delhi-110001

No. 3/1/2/77/2018-(Nut). Dated: 10/12/2020

Dr. D. Inbakandan,
Scientist-E,
Centre for Ocean Research
Sathyabama University,
Chennai- 600119.

Subject: Project entitled, "Molecular Evaluation of Chitosan Nanoparticle mediated curcumin delivery against pathogen induced oxidative stress in Liptopenaeus vannamei" Payment of fellowship Stipend, HRA and Contingent Expenditure to **Miss Subashni B** /SRF.

Sir/Madam,

The Director General, ICMR, sanctions the payment of Rs. 2,70,400/- (Rupees two lakh seventy thousand four hundred only) as the **3rd installment of 2nd year** grant for covering the payment of fellowship Stipend, HRA and funds for Contingent expenditure to the **Miss Subashni B /SRF** for the period from **11.05.2020 to 10.11.2020**.

1) Stipend @ Rs.35,000/- p.m. (11.05.20 to 10.11.20) 6 months	Rs.	2,10,000 /-
2) HRA @ Rs. 8,400/- p.m. (11.05.20 to 10.11.20) 6 months	Rs.	50,400/-
3) Contingencies @ Rs. 20,000/- pa (11.05.20 to 10.11.20) 6 months	Rs.	10,000/-
Total	Rs.	2,70,400/-

An amount of Rs. 2,70,400/- will be sent to the **Sathyabama University-Research** through **RTGs in Account No. 6089858032 MICR CODE OF BANK No. 600019229 IFSC Code No. IDIB000S201 Indian Bank, Sathyabama University, Jeppiaar Nagar, Chennai-600119.** The grant has been sanctioned on the conditions laid down in our letter of even number dated 14.06.2018.

Yours faithfully,

(Harish Sharma)
Admn Officer
For Director General

Copy to;
1. Accounts Section – V, ICMR.
2. Miss Subashni B /SRF, Department of Centre for Ocean Research, Sathyabama University, Chennai- 600119.
3. IRIS No. 2017-2576.
4. The Registrar, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119.

For Director General

(12)

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूरु - 560 231 भारत
दूरभाष : +91 80 2341 5474

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bengaluru - 560 231, INDIA
Tel (Off) : +91 80 2341 5474
Fax :

इसरो ISRO

To:
M. A. Paul
Dy. Director, RESPOND & AI
CBPO

☎: 080-23415269/22172269
FAX-080-23412471
email: ddrespond@isro.gov.in

ISRO/RES/3/792/18-19

December 12, 2018

Dear Dr Theerthagiri,

Subject: RESPOND Project - "Development of Morphology-Controlled Transition Metal sulfides Supported on Carbon-Based Materials as Advanced Electrodes for Supercapacitor Applications" – reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a **period of Two Years** at a total outlay of **₹14.92 Lakhs (Rupees Fourteen Lakh and Ninety Two Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of grant of **₹7.76 Lakhs (Rupees Seven Lakh and Seventy Six Thousand only)** towards meeting the First Year expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to submit a comprehensive report covering total project activities. The copies of reports should be sent to **Director, VSSC, Thiruvananthapuram (Attn: Shri S. Sridharan, Respond Coordinator, VSSC, Thiruvananthapuram)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to submit the final FUC and Audited Account Statement for the total expenditure incurred in the project.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to the Registrar, Sathyabama Institute of Science and Technology (Deemeed to be University), Chennai) at the earliest

With Regards,

Yours sincerely.

(M.A. Paul)

Dr J Theerthagiri
Scientist-C
Centre of Excellence for Energy Research /
Centre for Nano Science & Nano Technology
Sathyabama Institute of Science and Technology
(Deemed to be University)
Rajiv Gandhi Salai
Chennai : 600 119
Tamil Nadu.

CC: Director, CBPO, ISRO HQ
Director, VSSC, Thiruvananthapuram
Vice Chancellor, Sathyabama Institute of Science and Technology (Deemed to be University) Chennai
Registrar, Sathyabama Institute of Science and Technology (Deemeed to be University), Chennai
Smt. S. Sujatha, PCM, VSSC, Thiruvananthapuram
Shri S. Sridharan, Respond Coordinator, VSSC, Thiruvananthapuram

(13)

Indian Institute of Science

Bangalore - 560 012. India

DBT Research Associateship Program in Biotechnology and Life Sciences

Department of Biochemistry

Email : kmbc@biochem.iisc.ernet.in

Off. Tel : (80) 2293 2462
Lab. Tel : (80) 2293 2235
Dept. Fax : (80) 2360 0814
Inst. Fax : (80) 2360 0683

May 29, 2018

Ms. Suraiya Saleem
Sathyabama Institute of Science and Technology,
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600119.

Dear Ms. Suraiya Saleem,

I am pleased to inform you that you have been selected for the Post of Project Assistant funded by the Department of Biotechnology, GOI, New Delhi, to work with Dr. Rajesh R. Kannan. The terms and conditions are as follows. For additional terms and conditions, see Annexure I.

1. The duration of the Project Assistant is for one year from **July 1, 2018.** However, if you produce Ph.D degree certificate by the end of one year, you will be re-designated as Research Associate I. The tenure of PA/RA is for a period of 5 years, renewal annually depending on satisfactory progress. To avail the Project Assistant you must accept the offer and report for duty latest by **July 31, 2018.** Please note that request for extension of date of joining will **not** be considered. If you do not report by this date, you will forfeit the Project Assistantship.

2. You will be designated as DBT - Project Assistant with a consolidated remuneration of **Rs.28,000/- p.m** and a contingency grant of **Rs.50,000/-** per year. After the award of the Ph.D degree you will be redesignated as Research Associate with a remuneration of **Rs. 36,000/-pm.** The contingency grant must be utilized with the approval of your supervisor. If accommodation is not provided, you will be entitled to HRA and other benefits as per the DBT guidelines applicable to research fellowships/associateships.

3. Your stipend and contingency grant will be released to the host institute/university after you report for duty. You must send your joining report through proper channel (Director/Registrar) along with (a) filled Data Sheet indicating the name/designation of the Financial Official empowered to receive the contingency grant and stipend , (b) API Details and (c) Certificate of undertaking by **August 5, 2018.**

You are requested to indicate your acceptance, or otherwise, of the offer at the earliest.

Sincerely,

Prof. K. Munikappa
Co-ordinator, DBT-RA Program

Cc: Dr. Rajesh R. Kannan

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DBT Research Associateship Program In Biotechnology and Life Sciences
Department of Molecular Reproduction, Development & Genetics
New Biological Sciences Building
Indian Institute of Science
Bangalore 560012, India
Off Tel: 080-2293 2462; Lab Tel: 080-2293 2998; Email: arunk@iisc.ac.in
Web: http://www.mrdg.iisc.ernet.in/dbt-ra-program/

July 19, 2019

Dear Dr. Suraiya Salim
C/o Dr. R Rajesh Kannan
Sathyabama Institute of Science & Technology

I am pleased to inform you that the DBT-RA National Program Coordinator has scrutinized your Scientific Progress Report and renewed your DBT-Research Associateship for the 2nd year from **July 01, 2019 to June 30, 2020.**

I wish to mention that you should acknowledge the financial support from the DBT-RA Program in your future publication(s) in the following manner: **"Financial support from the DBT-RA Program in Biotechnology and Life Sciences is gratefully acknowledged".**

With best wishes,

Sincerely,

Prof. Arun Kumar
National Program Coordinator,
DBT-Research Associateship Program in Biotechnology & Life Sciences

Cc: Dr. R Rajesh Kannan

(14)

FILE NO. PDF/2017/001192

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 15-Jul-2019

ORDER

Subject: Research project entitled "ATOMISTIC MODELLING AND SIMULATION OF MUCIN 1 AUTOPROTEOLYSIS USING UMBRELLA SAMPLING AND REPLICA EXCHANGE ALGORITHMS" under the guidance of **Dr. Lesitha Jeeva Kumari** , Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "PDF/2017/001192" dated "16 August, 2018 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 9,00,796/-** (Rupees Nine Lakh Seven Hundred and Ninety Six only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the 2nd grant for the financial year 2019-2020 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 47390/-** (Rupees Forty Seven Thousand Three Hundred and Ninety only) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2018-2019 to FY 2019-2020 for the same purpose for which it was sanctioned

.

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under **National Post Doctoral Fellowship (N-PDF). (EC Life Sciences)**

7. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/2448/2019-2020** dated **04 July, 2019**

8. The release amount of **Rs. 9,00,796/-** (Rupees Nine Lakh Seven Hundred and Ninety Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	NA
Account Name	SATHYABAMA UNIVERSITY - RESEARCH
Account Number	6089858032
Bank Name & Branch	INDIAN BANK INDIAN BANKSATHYABAMA UNIVERSITY BRANCHJEPPIAAR NAGAR, RAJIV GANDHI SALAICHENNAI 600 119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	provc@sathyabamauniversity.ac.in
Email id of PI	lesitha@gmail.com
Email id of Mentor	chellamjaynthy@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Lesitha Jeeva Kumari Department of Bioinformatics Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119 Email: lesitha@gmail.com Mobile: 919840965438 Dr. Jaynthy Chellam Professor and Head Department of Bioinformatics Sathyabama University, Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119 chellamjaynthy@gmail.com
5.	THE REGISTRAR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

141 - 43

(16)

Science and Engineering Research Board (SERB)
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

Approval Letter

File Number: PDF/2017/001383

Dated: 06-Oct-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear Dr. S Sundarraj,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount	Total Grant
1.	Fellowship	Rs. 55,000/- per month (consolidated)	Rs. 13,20,000/-
2.	Research Grant	Rs. 2,00,000/- per annum	Rs. 4,00,000/-
3.	Overheads	Rs. 1,00,000/- per annum	Rs. 2,00,000/-
		Total	Rs. 19,20,000/-

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the NPDF and submission of required documents.
2. You are requested to inform the tentative date of joining the fellowship in the host institute and submit relevant documents such as RTGS details, ethical / biosafety / stem cell / wildlife clearances and other relevant documents as applicable to your project within three months from the date of receipt of this letter.
3. The fellows shall be allowed to join in the host institute only after the issue of"Sanction Order" which is subject to the acceptance of the above documents by the competent authority in SERB and the fund availability aspects.
4. The fellow is required to join within a month of issue of sanction order and submit the joining report, pending which the approval shall stand withdrawn. In exceptional cases, the joining period can be extended by another one-month subject to the approval of competent authority in SERB.
5. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of issue of sanction order or date of joining in the host institution whichever is later.
6. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
7. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The Fellowship reference no.**PDF/2017/001383** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,
(Dr. Thangaradjou T)
Scientist E
Ph: Ph: 40000345
Email: msls@serb.gov.in

Dr. S Sundarraj
Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119

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19

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FILE NO. ECR/2017/002694

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 14-Sep-2018

ORDER

Subject: Financial Sanction of the research project titled "**Can Seaweed Contribute Towards Sustainable Future by playing a role in Climate Change Mitigation and Adaptation?**" under the guidance of Dr. Amit Kumar, CENTRE FOR CLIMATE CHANGE STUDIES, Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai Tamil nadu 600119 - Release of 1st grant

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2953500/-** (Rs. Twenty Nine Lakh Fifty Three Thousand Five Hundred Only) with break up of **Rs. *618700/-* under Capital (Non-recurring) head** and **Rs.*2334800/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2953500/-** has been approved are given below:
The following budget may be considered for **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Laminar air flow -> Autoclave -> Shaker incubator -> Soxhlet apparatus + 18% GST -> Diving Pulse Amplitude Fluorometer (PAM)	618700
A'	*Total (Non-Recurring)*	*618700*
B	**Recurring Items**	
1	Recurring - I . (Manpower) Recurring - II . (Consumables, Travel, Contingencies)	1216800 850000
2	Recurring - III . (Overhead Charges)	268000
B'	*Total (Recurring)*	*2334800*
C	**Total cost of the project (A' + B')**	2953500

2. Sanction of the SERB is also accorded to the payment of **Rs. 618700/-** (Rupees Six Lakh Eighteen Thousand Seven Hundred only) under 'Grants for creation of capital assets' and **Rs. 761300/-** (Rupees Seven Lakh Sixty One Thousand Three Hundred only) under 'Grants-in-aid General' to **REGISTRAR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on **12 September, 2018** and vide Diary No. **SERB/F/6815/2018-2019** dated **12 September, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in)

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB

10. The release amount of **Rs. 1380000/-** (Rupees Thirteen Lakh Eighty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

Account Name	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
Account Number	6089858032

Bank Name & Branch	INDIAN BANK SATHYABAMA UNIVERSITY BRANCHJEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI-600119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	amit.kumar.szn@gmail.com

11 The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants in aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year

12 The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2017/002894 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required,

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India

(Dr. Prahlad Ram)
Scientist C
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB New Delhi
3.	File Copy
4.	Dr. Amit Kumar CENTRE FOR CLIMATE CHANGE STUDIES Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119 Email: amit.kumar.szn@gmail.com Mobile: 919094486533 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in)
5.	REGISTRAR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai (Receipt of Grant may be intimated by name to the undersigned)

14-09-18

(Dr. Prahlad Ram)
Scientist C
prahlad@serb.gov.in

दूरभाष / Phone : 044 - 26364013
Fax /फैक्स : 044 - 26383661

सभी पत्रादि निदेशक के पते से भेजे जाने चाहिए और कोई अन्य अधिकारी के नाम से नहीं।

All Correspondence should be addressed to DIRECTOR and not to any Officer by Name

ISO 9001 : 2008

भारत सरकार, रक्षा मंत्रालय
अनुसंधान तथा विकास संगठन
संग्राम वाहन अनुसंधान तथा विकास स्थापन
आवडी, चेन्नई - ६०० ०५४

Govt. of India, Min of Defence
Defence Research & Dev. Orgn.
Combat Vehicles Res. & Dev. Estt.
Avadi, Chennai - 600 054

पत्र संख्या/Letter No. CVRDE/ 17CR0005 / MBT/ 16-17/ LP

दिनांक / Date : 05 April 2018

To,

CVRDE- Anderson

THE VICE CHANCELLOR,
SATHYABAMA UNIVERSITY,
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600 119.

Kind Attn: Dr. S. RAMACHANDRAN, PROFESSOR & RESEARCH HEAD,
FACULTY OF MECHANICAL ENGINEERING

Dear Sirs,

Sub : STUDY ON DEVELOPMENT OF POLYUREA COATING FOR PROTECTION AGAINST MINE BLAST

Ref : **Our Contract No. CVRDE/ 17CR0005/ MBT/ 16-17/ LP, Dt. 04.06.2016.**

With reference to the above, it is intimated that the date for submission of final report has been extended from **T0 + 18 months to T0 + 21 months (i.e. 08.02.2018 to 08.05.2018)** vide enclosed Amendment to CARS, Annex 3.

Thanking you,

Encls: as above

(Dr R. SIVABALAN)
SCIENTIST 'E'
For DIRECTOR

Copy to :-

1. ADDL. DIR (MBT)
2. SAO(R&D)
3. SO BILLS
4. SO R&I
5. BUDGET - Cost debitable to Budget LP – General Revenue, Unit code – **310000015 - REV**, Major Head – **2080**, Minor Head – 110.

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ANNEX I

Amendment to CARS

By signature of authority identified at (12) below DRDO hereby amends extant CARS on the Research Service Provider identified at (3).

Title of CARS: Study on Development of Polymer coating for protection against mine blast	CARS Number: CVRDE/TECH0005/MST/16-17/1P Date: 01/06/2016

Amended RSQR Ref No	Date of issue YY	MM	DD	Issuing DRDO Lab/Est/Project	CARS Amendment No	Date of amendment

Name and address of RSP in CARS:
Dr. S.S. RAU, Registrar, Sathyabama Institute of Science and Technology

RSP is authorized to substitute/change/add key professionals/research consultants as follows:
Dr. M. Anderson, Associate professor, School of Mechanical Engineering, Sathyabama Institute of Science and Technology

Principal technical features of Research Service to be provided by RSP are amended to read:
Finite Element Analysis & Polymer Absorbing Composition coating on plates

List of DRDO-owned equipment made available to RSP is changed to read:
Nil.

Date of submission of Final Report is amended to read:

Expenditure on items below shall not exceed amended sums shown against each	Rs. in lakhs
a) Personnel	4,14,000
b) Equipment	Nil
c) Others	4,65,000
Total: >	9,39,633

Amended schedule of payments (Rs. in lakhs)	Date	Payment@
a) at Performance Milestone I (Initial advance (on receipt of Supply order))		2,81,890
b) at Performance Milestone II		1,87,927
c) at Performance Milestone III		2,81,890
d) On submission of Final Report (Refer also entry 8 above)	Total 12 months	1,87,926
Total: >		9,39,633

@payments will be made within 45 days of receipt by L/E/P of Contingent Bill

General conditions of CARS remain unchanged. Other specific conditions in CARS are amended to read:

RSP's signatory to original contract:	12. Signature of L/E/P contract administrator:
[Sign over seal]	
Name: Dr. S.S. RAU, M.B.A., Ph.D., REGISTRAR	Name:
Designation:	Designation: DIRECTOR, CVRDE

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119.

डॉ.पी.शिवकुमार / Dr. P. SIVAKUMAR
विशिष्ट वैज्ञानिक / Distinguished Scientist
निदेशक / Director

May 2001

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2018

2/24/2018 Print window

NPDF Approval (15)

Subject: SERB-Notification

From: SERB_Administrator@serbonline.in
To: "info@serbonline.in"@imsva02.cdacnoida.in
Date: Friday 6 October 2017, 4:21:24 PM IST

SERB India

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: PDF/2017/000646

Dated: 06-Oct-2017

Subject: Application from **Dr. Premalata Pati** for the award of the SERB National Post-Doctoral Fellowship

Dear Dr. M. RADHAKRISHNAN,

We are happy to inform you that application cited above from **Dr. Premalata Pati** has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme under your mentorship. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 55,000/- per month (consolidated) (Rs. 35,000/- per month (consolidated) for applicants who have submitted the thesis & awaiting the award of the Ph.D degree)
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

1. The fellow should join your institute within three months from the date of receipt of this letter.
2. After joining the host institute, he/she is expected to upload the joining report through the online portal www.serbonline.in along with RTGS details of the host institution in the prescribed formats.
3. The Sanction Order for the release of fund will be issued within a month after the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order.
4. The fellow will be governed by the norms of the host institution during the tenure of the fellowhip. The terms & conditions of the grant can be found on our website www.serbonline.in

With kind regards,

(Dr. Thangaradjou T)

Scientist E

Ph: Ph: 40000345

Email: msls@serb.gov.in

Dr. M. RADHAKRISHNAN

Bioprospecting Division, Centre For Drug Discovery And Development

Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

This is a system generated information and does not require any signature.This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intendedrecipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely,secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

****

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No SR/FST/ETI-413/2016(C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

21

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016

8th February, 2018

ORDER

Subject: Financial assistance (1st installment) to the Department of Computer Science and Engineering, Sathyabama University Rajiv Gandhi Salai Chennai-600119, (Tamil Nadu) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 56,00,000/- (Rupees Fifty six Lakh only)** for 5 years The detailed breakup of the grant for General as well as Capital Components are given below:

To strengthen the Research facilities in the Department 50:50 Mode (Being a Private University)
Capital Assets: Rs. 50.0 L
E–Rs. 50.0L [i) Wireless Sensor Network Equipment, II) Sensor Analyzer and IOT Kit and III) Data Server Equipment]
General Components: Rs. 6.0 L
M– Rs. 6.0 L
Total : Rs. 56.00 Lakh [DST's contribution Rs.28.0 lakh & University's Share-Rs.28.0 lakh]

2 The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1st year	2nd year	3rd year	4th year	5th year	Total
Equipment	50.0	-	-	-	-	50.0 [DST share Rs. 25.0 and University's share-Rs. 25.0 L]
Maintenance	-	2.0	2.0	1.0	1.0	6.0 [DST share Rs. 3.0 and University's share-Rs. 3.0 L]
Total	50.0	2.0	2.0	1.0	1.0	56.0 [DST share Rs. 28.0 and University's share-Rs. 28.0 L

3. The sanction of the President is hereby accorded to the release of **Rs. 25,00,000/- (Rupees Twenty five lakh only)** to the **Registrar, Sathyabama University Rajiv Gandhi Salai Chennai-600119, (Tamil Nadu)** under FIST Program as a 1st installment of the grant in 2017–2018 under '**creation of capital assets**' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the '**Equipment**'. The break-up of the 1st installment grant released now would be '**Equipment': Rs. 25.0 lakh for procurement of Equipment mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process]**

4. **The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id genrated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7 If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.

Contd..2/.

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8 There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.

9 The grant-in-aid being released is subject to the condition that:

(a) a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and

(b) while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

c) Grantee Institute may furnish copy of invoice in respect of equipments worth Rs. 5.0 L and above along with coustoms clearance certification (in case of imported equipments) after procurement of the equipments.

d) Servers, Desktops, Workstations, Printers etc. may be procured through GeM (Government E-Market) platform.

e) Grantee Institute will furnish copy of bills showing expenditure incur on maintenance of the equipments after warranty period of respective equipments are over.

10 The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organisation, which will be adjusted towards future release of grant.

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13 Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure involved is to be debited to

Demand No. -84 Department of Science & Technology;
"3425" -Other Scientific Research (Major Head);
60-Others (Sub-Major Head);
60.200-Assistance to other Scientific Bodies (Minor Head);
68– Science and Technology Institutional and Human Capacity Building
68.00.35–Grants for creation of capital assets for the year 2017-2018 (Voted)
[Previous: R&D Support: 3425.60.200.25.01.35]
The above release is made under 'R&D ' Scheme.

16. The amount of **Rs. 25,00,000/- (Rupees Twenty five lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Sathyabama University Rajiv Gandhi Salai Chennai-600119, (Tamil Nadu).** The bank details for electronic transfer of funds through RTGS are given below:-

9. Name of the Account Holder: **Registrar, Sathyabama University**
9. Name of the Bank: **Indian Bank.**
9. Bank Account Number: **6089858032**
9. IFSC Code: **IDIB000S201**
9. MICR Code:

Prabir Utha Pandey

Contd..3/..

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17 As per Rule 234 of GFR 2017, this sanction has been entered at S. No.387 in the register of grants maintained in the Division for the scheme (R&D Support).

18 This issues with the concurrence of IFD Vide their Concurrence Dy.No. 4679 dated the 07.02.2018.

Pratishtha Pandey
(Pratishtha T. Pandey)
Scientist 'E'
Email: pratishtha.tp@nic.in

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy forwarded for information and necessary action to:

1 Cash Section (with two spare copies).

2 Registrar,
Sathyabama University
Rajiv Gandhi Salai
Chennai-600119,
(Tamil Nadu)

4 Head,
Department of Computer Science and Engineering,
Sathyabama University
Rajiv Gandhi Salai
Chennai-600119,
(Tamil Nadu)

5 Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002.
6 Office of Account General, Tamil Nadu, Chennai.
7 FIST-Secretariat
8 CoA / IFD, DST, New Delhi.
9 Head, R & D (Infrastructure), DST New Delhi.
10 Sanction Folder

Pratishtha Pandey
(Pratishtha T. Pandey)
Scientist 'E'
Email: pratishtha.tp@nic.in

Scanned by CamScanner

FILE NO. PDF/2017/002894

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 30-Jun-2018

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. Senthilvelan T,** under the mentorship of **Dr. L. Stanley Abraham,** at **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/-** (Rs. Nineteen Lakh Twenty Thousand **Only)** for a duration of 24 months.
The date of start of the fellowship will be **16 April, 2018.**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under National Post Doctoral Fellowship (N-PDF). (Life Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/2954/2018-2019** dated **29 June, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University Branch, Sathyabama University, Jeppiaar Nagar, Chennai-600119, Tamilnadu**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**mtsenthil85@yahoo.com**
Email id of Mentor	**louisstanley@gmail.com**

9.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **PDF/2017/002894** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

T.T

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Senthilvelan T** **Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119** **Email: mtsenthil85@yahoo.com** **Mobile: 919942121191** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

T.T

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

No. BT/PR15485/AAQ/3/754/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 19.09.2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Studies on the anti-cancer potential of venom proteins from jellyfish species and their structural characterization**" for a period of 3 Year 0 Month at a total cost of Rs. **2831800** (Rupees Twenty Eight Lakhs Thirty One Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Studies on the anti-cancer potential of venom proteins from jellyfish species and their structural characterization**"

2.2 Details of the Investigatiors:

Dr. Govindaraju Kasivelu
Scientist C
Centre for Ocean Research
Sathyabama University
Scientist C
Centre for Ocean Research
Sathyabama University
Chennai, Kanchipuram,Tamilnadu,
600119

CO-PI:

Dr. Bhaskaran Rajagopalan
Scientist G
Centre for Drug Discovery and Development
Sathyabama University
Centre for Drug Discovery and Development ,
Sathyabama University, Rajiv Gandhi Road,
Chennai, - 600119, Tamilnadu

Dr. Inbakandan D
Scientist E
Centre for Ocean Research
Sathyabama University
Centre for Ocean Research
Sathyabama University, Rajiv Gandhi Road,
Chennai-600119, - 600119, Tamilnadu

2.3 Objectives:

1. Identification of novel anti-cancer potent venom proteins from jellyfishes (Acromitus flagellates and Chrysaora quinquecirrha)
2. Screening and assessment of jellyfish venom proteins for cytotoxicity, induction of apoptosis and cell cycle analysis in various human cancer cell lines
3. Purification and structural characterization of the active proteins from Acromitus flagellates and Chrysaora quinquecirrha venom

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **2831800**/-(Rupees Twenty Eight Lakhs Thirty One Thousand Eight Hundred Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total(Rs.)
Manpower	390000.00	390000.00	436800.00	**1216800.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Overhead	65000.00	60000.00	40000.00	**165000.00**
Consumables	450000.00	400000.00	300000.00	**1150000.00**
Total (Rs.)	**1005000.00**	**950000.00**	**876800.00**	**2831800.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Recurring** expenditure involved is debitable to:

2018

No. BT/HRD/01/05/2017
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8th Floors
CGO Complex, Lodi Road
New Delhi-110003
Dated 06/06/2018

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the approval of one year "**Postgraduate Diploma Course on Skill Development in Fishery Food products Technology**" under skill development program for implementation by Centre for Ocean Research, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600119 (Tamil Nadu) at total cost of **₹ 83.36 lakhs** (Rupees eighty three lakhs and thirty six thousand only) for three years period. The details of budget are given below in table:

(₹ in lakhs)

S. No.	Head	1st year (for 20 students)	2nd year (for 20 students)	3rd year (for 20 students)	Total Budget for three years
A	Non-recurring Equipment	15.91	Nil	Nil	**15.91**
B	Recurring				
1.	Consumables @ ₹ 0.35 lakhs per annum/student	7.00	7.00	7.00	**21.00**
2.	Contingency @ ₹ 0.50 lakhs per annum	0.50	0.50	0.50	**1.50**
3.	Books/Journals @ ₹ 0.75 lakhs per annum	0.75	0.75	0.75	**2.25**
4.	Travel (Domestic) @ ₹ 0.50 lakhs per annum	0.50	0.50	0.50	**1.50**
5.	Visiting Faculty @ ₹ 0.40 lakhs per annum	0.40	0.40	0.40	**1.20**
6.	Annual Maintenance Cost @ **₹ 2.00 lakhs** per annum (second year onwards)	0.00	2.00	2.00	**4.00**
7.	**Studentship for:** B.Sc. in Biotechnology/ Zoology with specialization in fisheries/ Fisheries Sciences/ Aquaculture @ ₹ 5000/- p.m. for 12 months for 20 students	12.00	12.00	12.00	**36.00**
	Total:	**37.06**	**23.15**	**23.15**	**83.36**

2. **Dr. Radhika Rajasree S. R.** Scientist-'E' and Associate Professor & Head, Centre for Ocean Research, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600119 (Tamil Nadu) will be the full time course coordinator for Skill Development Program: **Postgraduate Diploma Course on Skill Development in Fishery Food products Technology** and will submit utilization certificate and statement of expenditure duly signed by her and finance/ accounts officer of University, head of the institution in duplicate at the end of financial year

Continue...2/-

FILE NO. SSY/2017/000590

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: **10-Jul-2017**

ORDER

Subject: Financial assistance for the organizing National Symposium on "National Symposium on "Recent Advances in Marine Sciences"" by Dr. Ganesh Vijay Kumar, Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 being held from 06-Sep-2017 to 07-Sep-2017 (2 days).

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 75000/- (Rs. Seventy Five Thousand Only)** to Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2017-2018 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing and Contingencies in connection with the above event.

2. The amount of **Rs. 75000/- (Rs. Seventy Five Thousand Only)** will be drawn by Finance & Budget Officer, SERB and disbursed by the means of Cheque or Electronic Fund Transfer (NEFT/RTGS) as beneficiary's Bank Details given below.

Account Name	**Sathyabama University Research**
Account Number	**6089858032**
Bank Name & Branch	**INDIAN BANK INDIAN BANK Sathyabama University Branch Jeppiaar Nagar, Rajiv Gandhi Salai Chennai 600 119**
IFSC/RTGS Code	**IDIB000s201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**ganesv@gmail.com**

to REGISTRAR, Sathyabama University, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee)

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide sanction number to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **03 July, 2017** and vide Diary No. **SERB/F/2591/2017-2018** dated **06 July, 2017**

5. As per Rule 211(1) of GFRs, the accounts of the Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

6. It is **mandatory** that the grantee institution is required to submit to this office, audited Statement of Income-Expenditure, Utilization Certificate (in duplicate as per prescribed format) and brief report of above event (max. 04 pages) within three months after the date of completion. .

7. The balance amount, if any, may be returned through DD in favor of "Fund for Science & Engineering Research" payable at New Delhi.

8. The Organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Science and Engineering Research Board, a statutory body of the Department of Science and Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

9. In addition, the investigator / host Institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science and Engineering Research Board, a statutory body of the Department of Science andTechnology (DST), Government of India.

10. The logo of SERB is to be displayed on all Conferences / Seminars / Symposium material being used for the event.

(Dr. Ramesh Vijayan)
Scientist C
ms_seminar@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Ganesh Vijay Kumar** **Center for ocean research** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: ganesv@gmail.com** **Mobile: 919841472463** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, Sathyabama University,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
Scientist C
ms_seminar@serbonline.in

No.MoES/SSWC/166/2013 PC-V (PF-III)
Government of India
Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi
06/03/2017

SANCTION ORDER

Sanction of the competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978 for release of an amount of Rs.1,50,000/- (Rs.One lakh fifty thousand only) Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu to meet the expenditure for National Conference on "Advances in water resources and environment research" which is to be held on 06th – 7th March, 2017 at Chennai, Tamil Nadu.

2. The above expenditure will be debitable to the following head of account:

3425	-Other Scientific Research (Major Head)
60	-Others
60.200	- Assistance to Other Scientific Bodies (Minor Head)
52	- Research Education & Training Outreach
52.00.31	- Grant-in-aid-General

Under demand no.26 of the Ministry of Earth Sciences for year 2016-17 (Plan)

3. The amount of Rs.1,50,000/- (Rs.One lakh fifty thousand only) will be drawn by the DDO, MoES and disbursed to the Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu through ECS/RTGS to "Sathyabama Univesity" payable at Chennai as per following bank details.

1.	Name of Account Holder	Sathyabama University
2.	Name of Bank	Indian Bank
3.	Name of Branch	Sathyabama University, Jeppiaar Nagar, Chennai
4.	Account Type	Current
5.	Account Number	6089858032
6	IFSC/RTGS/NEFT Code	IDIB000S201
7.	MICR Code	600019229

4. The Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu shall render the Utilization Certificate indicating the amount received and expenditure incurred by the Institute within three months after the specified date of the event as per the format given along with the application form which is available on Ministry's web page. UC's should be submitted to head, Awareness and Outreach Programme, Ministry of Earth Sciences, Prithvi Bhawan, Lodhi Road, New Delhi 110003.

5. No Utilization Certificate is pending against the Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu.

13/07/2017

6. The accounts of grantee Institution/Organization shall be open to inspection by the sanctioning authority and audit by the Controller and Auditor General of India under the provision of CAG (DPC) Act 171 and internal audit by the Principal Accounts Office of the Ministry whenever the Institution or Organization is called upon to do so.

7. This issues under the delegated powers of the Ministry and with the concurrence of IFD vide their No.1004/IFD/2016 dated.23/02/2017.

8. The expenditure has been entered in E.C.R. at Page No.16. Sl. No.122.

(A K Bhattacharyya)
Under Secretary to the Govt. of India

To
The Pay & Accounts Officer, Pay & Accounts Office,
Ministry of Earth Sciences, Mausam Bhawan, Lodhi Road, New Delhi – 110003

Copy to:

1. The Principal Director of (Audit Scientific Deptts), AGCR Building, I.P Statte, N. Delhi.
2. Cash Section, MoES for necessary action.
3. The Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119. The institution will follow the rules as per GFR/DFPRs of GOI instructions issued from time to time on the subject matter.
4. DR. Kishan Singh Rawat, Scientist-C, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119.
5. Dr. G.Iyengar, Sci-G/US(A)/AD(OL) for Hindi translation/Guard file/ Sanction folder.
6. The Controller of Account, Ministry of Earth Sciences, Mausam Bhawan, New Delhi.

(A K Bhattacharyya)
Under Secretary to the Govt. of India

13/07/2017

FILE NO. YSS/2014/000641

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 12-Jan-2017

ORDER

Subject: Research project entitled **"Interactive influence of temperature, CO2, light and nutrient fluctuations on marine microorganisms with implications to global climate change: a mesocosm study"** under the guidance of Dr. Vinitha Ebenezer, Center for Climate Change Studies, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119.

1. This is in continuation of SERB's sanction order No. "YSS/2014/000641" dated "26 October, 2015 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of
   - Rs. 250000/- (Rupees Two Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Scientist C, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**
     being the 2nd grant for the financial year 2016-2017 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 317379/-** (Rupees Three Lakh Seventeen Thousand Three Hundred and Seventy Nine only) (Recurring Rs. 317379 and Non-Recurring Rs. 0) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2015-2016 to FY 2016-2017 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Start Up Research Grant (Young Scientist). (EC Life Sciences)

7. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on **23 December, 2016** and vide Diary No. **SERB/F/7127/2016-17** dated **27 December, 2016**

8. The release amount of **Rs. 250000/-** (Rupees Two Lakh Fifty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	REGISTRAR
Account Number	482965061
Bank Name & Branch	Indian Bank Sathyabama University,Jeppiaar Nagar,Sholinganallur,Chennai 600119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabamauniversity.ac.in
Email id of PI	vinithaebenezer@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Vinitha Ebenezer** **Center for Climate Change Studies** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119** **Email: vinithaebenezer@gmail.com** **Mobile: 919442787278**
5.	**Scientist C,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

(6)

CRSG

B.Sc
14/2/17

No. DST/TM/WTI/2K16/254 (G)
Government of India
Ministry of Science and Technology
Department of Science and Technology

Technology Bhavan
New Mehrauli Road
New Delhi-110 016
Date: 28.02.2017

Sanction Order

Subject: Financial support for project entitled "**Strategies to harness Runoff Rundown from mountainous watersheds by rejuvenation of tanks and artificial recharge to increase utilizable water: A case of Thiruvannamalai Hills, Tamil Nadu**" submitted by **Dr. Marykutty Abraham, Sathyabama University, Chennai.**

Sanction of the President is hereby accorded to the above-mentioned project at a total cost of ***Rs. 10,34,440/- (Rupees Ten lakhs thirty four thousand four hundred and forty only)***, with **Rs. *6,33,220/-* (*Rupees Six lakh thirty three thousand two hundred and twenty only*)** under General head for a duration of 36 months. The items of expenditure for which the total allocation has been approved are given below:

S. No	Items	Amount in (Rs.)		
		1st Year	2nd Year	Total
B	**Recurring General:**			
1.	Manpower: a) JRF(non-NET) (no.1.) b) Personal Assistant – II(no.2)	1,87,200 1,92,000	1,87,200 ------	3,74,400 1,92,000
2.	Consumables	40,000	40,000	80,000
3.	Travel	50,000	50,000	1,00,000
4.	Other Cost (Fabrications and Testing)	1,00,000	65,000	1,65,000
5.	Contingencies	17,000	12,000	29,000
6.	Overhead Charges	47,020	47,020	94,040
	Total	*6,33,220*	*4,01,220*	*10,34,440*

2. The sanction of the President is also accorded to the payment of an amount of ***Rs. 6,33,220/- (Rupees Six lakh thirty three thousand two hundred and twenty only)***under 'Grants-in-aid General' to **Sathyabama University – Research** for the year 2016-17 for implementation of the said project.

3. Sanction of the grants is subject to the conditions as detailed in DST's website ***www.dst.gov.in.*** The acceptance of the grant will automatically imply acceptance of DST's term and conditions of the grant. The emoluments to the project manpower would be governed by DST guidelines, terms and conditions mentioned in OM No A. 20020/11/97-IFD dated 31st March 2010 available on DST Website. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

4. The amount of ***Rs. 6,33,220/- (Rupees Six lakh thirty three thousand two hundred and twenty only)*** will be disbursed under 'Grants-in-aid **General**' to **Sathyabama University - Research** through RTGS as per following details:

Name of the Account Holder	Sathyabama University – Research
Name of the bank	Indian Bank
Branch Address	Sathyabama University, Jeppiaar Nagar, Chennai
IFSC code	IDIB000S201
MICR code	600019229
Account Number	6089858032

Neelam
Sc. E

5. The expenditure involved is debitable to -

Demand No.77	Department of Science & Technology
3425	Other Scientific Research (Major Head)
60	Others (Sub-major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
26	Technology Development Programme (SERI/WTI)
26.01.31	**Grant-in-aid General for the year 2016-2017 (SERI/WTI)**

6. The sanction has been issued under the powers delegated to the Ministries, with the concurrence diary No. **5898,** of IFD, DST, dated: **28.02.2017.**

7. The organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science and Technology should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraph of their Annual Report.

8. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester (www.sciencecentral.in) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.

9. The Institute will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of DST. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the Institute is called upon to do so.

10. The Institute will maintain separate audited accounts for the project. The grant will be kept in a bank account earning interest; the interest earned should be reported to the DST. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

11. The Sanction Order is entered in the register of grants of TMD: WTI Division at Sl. No. **158** (WTI) for the Financial Year 2016-17.

12. It is certified that the no UCs/SEs from the grantee(s) are pending under this scheme/ project.

(Dr. Neelima Alam)
Scientist-E
Email: neelima.alam@nic.in

To: The Pay and Accounts Officer, DST, New Delhi

Copy for information and necessary action to:

1. Cash Section(3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
3. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
4. **Dr.Marykutty Abraham**
   Scientist-E
   Centre for Water Research,
   Sathyabama University,
   Jeppiaar Nagar, Rajiv Gandhi Road,
   Chennai - 19
   Email:marykutty_ab@yahoo.co.in
5. Sanction folder, 6. Office Copy, 7. Head- TMD

(Dr. Neelima Alam)
Scientist-E

FILE NO. PDF/2016/003217

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 25-Sep-2017

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. Tamilselvan Selvaraj**, under the mentorship of **Dr.V.Ganesh Kumar**, at **Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/-** (Rs. Nineteen Lakh Twenty Thousand **Only**) for a duration of 24 months.
The date of start of the fellowship will be **03 April, 2017**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under National Post Doctoral Fellowship (N-PDF). (Life Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/6032/2017-2018** dated **22 September, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University - Researsh**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University Branch, Sathyabama University, Jeppiaar Nagar, Chennai - 600 119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**tamilphd85@gmail.com**
Email id of Mentor	**ganesv@gmail.com**

9.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **PDF/2016/003217** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Tamilselvan Selvaraj** **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** **Email: tamilphd85@gmail.com** **Mobile: 919344949200** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

FILE NO. PDF/2016/002741

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 31-Jul-2017

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. SU MOHAMMED RIYAZ**, under the mentorship of **DR.D.INBAKANDAN**, at **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/- (Rs.** Nineteen Lakh Twenty Thousand **Only)** for a duration of 24 months.
The date of start of the fellowship will be **07 June, 2017**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under National Post Doctoral Fellowship (N-PDF). (Life Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/3926/2017-2018** dated **28 July, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University - Research**
Account Number	**6089858032**
Bank Name & Branch	**INDIAN BANK Branch name : SATHYABAMA UNIVERSITY Address : SATHYABAMA UNIVERSITY , JEPPIAAR NAGAR, CHENNAI - 600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**mriyaz4@gmail.com**

Email id of Mentor	**inbakandan@gmail.com**

9.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **PDF/2016/002741** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. SU MOHAMMED RIYAZ** **Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119** **Email: mriyaz4@gmail.com** **Mobile: 919940226572** **DR.D.INBAKANDAN** **SCIENTIST - E / ASSOCIATE PROFESSOR** **Centre for Ocean Research** **Sathyabama University, Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119** **inbakandan@gmail.com** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**THE REGISTRAR,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

FILE NO. PDF/2016/002806

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 21-Aug-2017

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. Kavitha Ganapathy,** under the mentorship of **Dr. D. INBAKANDAN, M. Sc., ADAB, PGDMBT, Ph. D.,** at **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/- (Rs.** Nineteen Lakh Twenty Thousand **Only)** for a duration of 24 months.
The date of start of the fellowship will be **07 June, 2017**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under National Post Doctoral Fellowship (N-PDF). (Life Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/5024/2017-2018** dated **18 August, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabhama University, Jeppiar Nagar, Chennai-600 119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**algalkavi@gmail.com**
Email id of Mentor	**inbakandan@sathyabamauniversity.ac.in**

9.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **PDF/2016/002806** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Kavitha Ganapathy** **-** **Sathyabama University , Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119** **Email: algalkavi@gmail.com** **Mobile: 919092469143** **Dr. D. INBAKANDAN, M. Sc., ADAB, PGDMBT, Ph. D.** **Scientist – E / Associate Professor** **Centre for Ocean Research** **Sathyabama University, Rajiv gandhi road, jeppiaar nagar, solinganallur, chennai, Chennai, Tamil nadu-600119** **inbakandan@sathyabamauniversity.ac.in** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**The Registrar,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

Approval Letter

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: PDF/2016/003016

Approval Letter

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear Mrs. Suja E,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 55,000/- per month (consolidated)
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal www.serbonline.in along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website www.serbonline.in for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDF and submission of required documents. NPDF position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.

Kindly quote the reference number in all future correspondence. The Fellowship reference no.**PDF/2016/003016** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,
(Dr. Thangaradjou T)
Scientist E
Ph: Ph: 40000345
Email: ttradjou@serb.gov.in

Mrs. Suja E
Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119

137. - 39 (12)

Subject: SERB-Notification

From: SERB_Administrator@serbonline.in (SERB_Administrator@serbonline.in)

To: info@serbonline.in"@imsva02.cdacnoida.in;

Date: Wednesday, 29 March 2017 11:14 AM

SERB India

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

Approval Letter

File Number: PDF/2016/003337

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear Dr. JayakarSanthosh Devakirubakaran,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 55,000/- per month (consolidated)
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal www.serbonline.in along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.

138 - 40

41

Gmail

jhansi rani <jani183lesnar@gmail.com>

SERB-Notification

3 messages

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in> Wed, Mar 29, 2017 at 12:10 PM
To: "info@serbonline.in"@imsva02.cdacnoida.in

SERB INDIA

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

Approval Letter

File Number: PDF/2016/003879

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear Dr. Jhansi Rani Nathan,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 55,000/- per month (consolidated)
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal www.serbonline.in along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website www.serbonline.in for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDF and submission of required documents. NPDF position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.
Kindly quote the reference number in all future correspondence. The Fellowship reference no.**PDF/2016/003879** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,

(Dr. Thangaradjou T)

Scientist E

Ph: Ph: 40000345

Email: ttradjou@serb.gov.in

Dr. Jhansi Rani Nathan

Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119

********** LEGAL DISCLAIMER **********

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****

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Please do not reply to this mail

---

ansi Nathan <jani183lesnar@gmail.com> Mon, Jun 12, 2017 at 2:40 PM
To: carltonbiotec@gmail.com

[Quoted text hidden]

--
Dr. Jhansi Nathan,
Post-Doctoral Fellow,
Dept. of Genetics,
Dr.ALM PG IBMS,
University of Madras,Taramani Campus,
Chennai - 113.

Jhansi Nathan <jani183lesnar@gmail.com> Fri, Jul 28, 2017 at 12:33 PM
To: Carlton Ranjith <carltonbiotec@gmail.com>

Dr. Jhansi Nathan,
National Post-Doctoral Fellow,
The Centre for Nanoscience and Nanotechnology,
Sathyabama University,
Chennai - 600119,
India.

---------- Forwarded message ---------
From: <SERB_Administrator@serbonline.in>
Date: Wed, Mar 29, 2017 at 12:10 PM
Subject: SERB-Notification
To: "info@serbonline.in"@imsva02.cdacnoida.in

[Quoted text hidden]

139. - 41 (14)

Gmail

SUJITHA MOHANAN <suji2014hcc@gmail.com>

42

SERB-Notification

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in> Wed, Mar 29, 2017 at 10:26 AM
To: "info@serbonline.in"@imsva02.cdacnoida.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

Approval

Letter

File Number: PDF/2016/002937

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear Dr. SUJITHA M. V.,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 55,000/- per month (consolidated)
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal www.serbonline.in along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website www.serbonline.in for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDF and submission of required documents. NPDF position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.

Kindly quote the reference number in all future correspondence. The Fellowship reference no.**PDF/2016/002937** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,

(Dr. Thangaradjou T)

Scientist E

Ph: Ph: 40000345

Email: ttradjou@serb.gov.in

Dr. SUJITHA M. V.

Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119

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Please do not reply to this mail

Dr. Sulakshana Jain
Scientist 'D'
International Bilateral Cooperation Division
Tel: +91-11-26590582; 410
Fax: +91-11-26862418
E-mail: jain.s@nic.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, महरौली मार्ग,
नई दिल्ली-110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110016

D.O.No. INT/NAI/CVRF/2016 Dated.....Date: 24/10/2016

Sub: Award of C V Raman International Fellowship for African Researchers

Dear Dr. Vinita Vishwakarma,

Greetings.

It gives me pleasure to inform you that **Mr. Deeh Defo Patrick Brice** from **Cameroon** has been selected for the award of **'C V Raman International Fellowship for African Researchers'** under **Doctoral Fellowship** for which you have graciously consented to be the host scientist in India. The final award to the candidate is however subject to fulfillment of acceptance criteria as required by DST and the host institution.

The selected African researchers are required to comply with requirements as indicated in the **Annexure** to this letter.

Further, as FICCI would be transferring the fellowship amount to the host institute, may I request you to send the fund transfer details (i.e. name of beneficiary/bank account, bank name and branch) along with name and details of the contact person. The host institute would be required to obtain original bills/invoices for procurement made by the fellow against contingency allocation (details given in brochure) and submit the same along with utilization certificate (duly signed by competent authority) for the entire fellowship grant after completion of fellowship tenure.

We would like to extend our sincere gratitude for your kind support to 'C V Raman International Fellowship for African Researchers' program by accepting to be a host scientist. We value your partnership and believe that your support is critical for successful implementation of this ambitious program launched by Government of India. We are sure that it will help in building contacts and linkages with African researchers and at the same time serve as a goodwill building measure. We look forward to your continued support for the program in upcoming years.

Should you have any further queries, you may kindly contact Ms. Swapna Das, FICCI, E-mail: swapna.das@ficci.com or Dr. Sulakshana Jain, DST, Govt. of India, E-mail: jain.s@nic.in

With warm regards,

Yours sincerely

Sulakshana Jain

To: Dr. Vinita Vishwakarma,
Sathyabama University,
Chennai

Gmail

Madan Kumar <madankumarbio@gmail.com>

Fwd: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2016-17

Dean Office Sathyabama University <deanoffice@sathyabamauniversity.ac.in> Fri, Mar 10, 2017 at 10:28 AM
To: Madan Kumar <madankumarbio@gmail.com>

---------- Forwarded message ----------
From: **RTF_DCS Fellowship** <rtfdcs15@gmail.com>
Date: Thu, Mar 9, 2017 at 11:49 AM
Subject: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2016-17
To: Dean Office Sathyabama University <deanoffice@sathyabamauniversity.ac.in>
Cc: directors@sathyabamauniversity.ac.in, Samkeliso Takaidza <samkelisot@vut.ac.za>, Sammoy79@yahoo.com, registrar@sathyabamauniversity.ac.in

No. NAM – 05/74/2016

9th March 2017

Dear Dr. T. Sasipraba,

Sub: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2016-17

Greetings from the NAM S&T Centre!!!

2. Please refer to our correspondence with you in connection with the Fellowship under our RTF-DCS scheme offered to **Ms. Samkeliso Takaidza** from **South Africa** to carry out research work in your University for six months.

3. As we had informed you, Ms. Samkeliso Takaidza will reach Chennai on Saturday, 1st April 2017 at 0240 hrs. from Dubai by Flt No. EK-542. Kindly make arrangements to receive her at the Chennai airport and for her transportation to your University and also for her accommodation in your Guest House during the Fellowship period. In case guest house facility is not available, a suitable accommodation may be arranged for her in the vicinity of your University at a reasonable cost.

4. Regarding the financial entitlement to Sathyabama University, Chennai as the host institution for this Fellowship programme, we are pleased to inform you that the total amount as per following break-up will be released to you in advance.

a) Overhead charges Rs.30,000/- (@Rs.5,000/- per month for 6 month)

b) A one-time grant of maximum INR 30,000 for research contingencies and domestic travel for airport transfers and visiting research institutions, attending scientific events and field-trips within India: **The expenditure on domestic travel will be disbursed to the Fellow on actual basis.**

c) A consolidated Fellowship amount of Rs.2,10,000/- @INR 35,000 per month for 6 months (non-taxable) for accommodation, meals and other miscellaneous expenses of the Fellow – **to be disbursed to the scientist on a monthly basis.**.

Total Rs. 2,70,000/-

For this purpose, you are requested to send us the bank particulars [i.e. i) name of the account holder, ii) account number, iii) name of the bank and branch name and address, and iv) IFSC Code] of your University to which the amount can be transferred.

Your organisation will return to the NAM S&T Centre the unspent balance with your institute, if any, including that arising out from early departure of the fellow due to any unforeseen reason, along with a Statement of Expenditure and Utilisation Certificate after the completion of the Fellowship period.

5. You are also requested to ensure that the foreign scientist affiliated with you under RTF-DCS scheme gets herself registered with the nearest Foreigner Regional Registration Office (FRRO) as the same is mandatory for the foreigners as per the requirements of the Government of India. We will appreciate it to receiving a copy each of the Indian visa as well as the FRRO endorsement certificate in respect of the foreign scientist after completion of all formalities, for our records.

6. Finally, as we believe, in your organisation too in accordance with the prevailing administrative norms the first payment to the Fellow might be made only after completion of various financial procedures. If such is the case, the Fellow will not have any Indian currency to take care of the immediate needs till such time as the fellowship amount gets released by your Accounts Office on a regular basis. Under the circumstances we will greatly appreciate it if you may kindly make arrangement for a suitable advance payment to the visiting Fellow.

With kind regards,

Yours Sincerely,

M. Bandyopadhyay

Senior Expert & Administrative Officer

(NAM S&T Centre)

++++++++++++++++++++++++++++++

From: RTF_DCS Fellowship <rtfdcs15@gmail.com>
Date: Wed, Dec 28, 2016 at 12:33 PM
Subject: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2016-17
To: Dean Office Sathyabama University <deanoffice@sathyabamauniversity.ac.in>, registrar@sathyabamauniversity.ac.in
Cc: directors@sathyabamauniversity.ac.in, samkelisot@vut.ac.za, Sammoy79@yahoo.com

No. NAM – 05/74/2016

28th December 2016

Dear Dr. T. Sasipraba,

Sub: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2016-17

Greetings from the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; www.namstct.org) and wishing you a happy and prosperous New Year 2017!!

2. Please refer to your email of 11th August 2016 and also your correspondence with **Ms. Samkeliso Takaidza** from **South Africa,** confirming to accept her to work in your institute under our '**Research Training Fellowship for Developing Country Scientists (RTF-DCS)**' scheme.

In this connection, we are pleased to inform you that **Ms. Samkeliso Takaidza** has been selected for the award of this Fellowship to carry out research work in your university for six months under your guidance for a research project titled **"Evaluating selected species in the genus Tulbaghia for anticancer activity".**

The contact details of the selected scientist are as under:

Ms. Samkeliso Takaidza

Research Technologist,

Vaal University of Technology,

Andres Potgleter BLVD,

Vanderbijpark, 1900

Annex-2

Contract for Acquisition of Research Services (CARS)

By signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows

1	Short title of Research Service to be provided: Development and Characterisation of Tribological Coatings on Inner and Outer Races of Ball Bearings Prepared by Reactive Magnetron Sputtering In response to Letter No CVRDE/MMG/SPC/16-17/159/14-3-2017				Contract Number: CVRDE/18CR0008/RND/17-18/LP Date: 23.08.2017
2	RSQR Document Ref No	Date of Issue YY	MM	DD	Issuing DRDO LAB/Est /Project: CVRDE, Chennai Dates of CARS Amendments
3	Name and address of Research Service Provider(RSP): Dr. T. Sasipraba Pro Vice- Chancellor,Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600 119				4. RSP's Offer Ref. Letter No: NIL Date: 26/03/2017

5 (a) This contract will require a formal amendment if the following key professionals are not available to RSP
Dr. P. Kuppusami, Senior Scientist (PRINCIPAL INVESTIGATOR)
Mr. A.M. Kamalan Kirubaharan , Scientist-C (Co-INVESTIGATOR)
(b) RSP is authorized to engage these professionals as research consultants (name, institutes/companies) NIL

6 Principal technical features of Research Service to be provided: Development of TiN, TiC, Si_3N_4 based hard coating on M-50 substrates by reactive magnetron sputtering (Detailed in Attachment A)

7 DRDO will make available the following DRDO-owned equipment to RSP (Detailed in Attachment B): NIL

8 The technical performance of this contract shall be complete when RSP submits the Final Report before (date.) 24 months from the date of receipt of advance payment

9.1 Expenditure on items below shall not exceed sums shown against each

		Rs in Rupees
(a)	Personnel	4,99,200
(b)	Equipment	7,50,000
(c)	Others : (Chemicals & Raw Materials, Travel, Testing Charges, Contingencies & overhead, Visiting faculty)	11,25,920
	Total	23,75,120

9.2 Schedule of payments (Rs. in Rupees)

		Date	Payment*
(a)	Initial Advance (@15%)	To	3,56,268
(b)	On procurement of equipment & consumables/submission of Proforma Invoice (@ 30%)	Upon submission of Invoice	7,12,536
(c)	At performance Milestone I of RSQR (@ 30%)	To+12 months	7,12,536
(d)	At Performance Milestone II of RSQR (@15%)	To+18 months	3,56,268
(e)	At Performance Milestone III of RSQR and on final report submission (@10%)	To+24 months	2,37,512
		Total	23,75,120

* Payments will be made within 45 days of receipt by I/E/P of contingent Bill

10 DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g Registrar) competent to enter into this contract

Name Dr. T. Sasipraba
Designation Pro Vice-Chancellor, Sathyabama University

Sign over seal

Dr. T. SASIPRABA, M.E.,Ph.D.,
Pro Vice Chancellor
Sathyabama University
Chennai-600 119.

11 Signature of I/E/P contract administrator

Name :
Designation:
Address:

DIRECTOR, CVRDE

Telephone:
Fax:
Email

डॉ.पी.शिवकुमार / Dr. P. SIVAKUMAR
विशिष्ट वैज्ञानिक / Distinguished Scientist
निदेशक / Director

Conditions of this contract appear on reverse Please read them

I. Specific conditions of this Contract: The following conditions apply to L/P to signal or in addition to General Conditions refer at II below

1. Technical performance: The satisfactory execution of the technical features of this contract shall be established against Performance Measures as follows
2. Delivery schedules: The interim reports and /or other outcome(s) of this contract shall be delivered as follows
3. Other specific conditions:

II. General Conditions of this CARS

1. Equipment:

1.1 All equipment of a capital nature purchased, by the Research Service Provider (RSP), to execute this contract are the property of DRDO (L/E/P). These shall be returned to L/E/P within 03 months of expiry of this contract, unless L/E/P specifies otherwise separately
Note: Should there be a difference of opinion between the RSP and L/E/P on whether or not a piece of equipment is of 'capital nature' the decision of L/E/P shall be final and binding on the RSP

1.2 Equipment included in the Summary Offer of Research Services [at entry 9.1(b)] shall be procured by the RSP

1.3 The RSP shall be responsible for the proper maintenance of the equipment and shall not alienate them, or use them without the prior permission of L/E/P for purposes other than those specified in this contract

2. Financial provisions: By entering into this contract, the RSP agree to make available to the L/E/Ps, or to any person or bodies designated by it, if requested by the L/E/Ps, all financial documentation and records on supplies and services purchased or acquired by the RSP for executing the contract

2.1 Advances, work-in progress and schedule of payments:

(a) Advances or milestone payments are interim payments, which shall be deducted from the total sums due to the RSP
(b) The L/E/P shall make payments for executing this contract on demands made through 'Contingent Bills' after certification by the pertinent financial authority of the RSP that the monies already released have been utilized for the purposes for which they were provided
(c) Statements on expenditures incurred on items at 9.1 overleaf as certified by the internal auditors of the RSP shall be submitted within 30 days of crossing of each performance Milestone identified in the schedule of payments at 9.2 overleaf
(d) Except with the specific written pre-agreement of the L/E/P, the RSP shall not use for any purposes other than those specified in this contract, any material or services for which advances or milestone payments have been made

2.2 Financial documentation and records:

(a) For work whose estimated time for completion is six months or less, the RSP shall submit only those reports as relate to the purchase of equipment by the RSP, within thirty days of such purchase
(b) For contracts whose estimated time for completion is more than six months, the RSP shall provide the L/E/P, not later than thirty (30) days after the end of each half-year, with a half-yearly financial report showing the actual expenditure incurred, against each of the entries at 'item 9.1' overleaf, for the execution of the contract up to the end of the previous half-year
(c) The L/E/P, or other authority specified by DRDO, may inspect all books bills, vouchers and other financial records at any time until the final settlement of accounts. The RSP shall supply the L/E/P with such documents as are necessary for final settlement of claims, without explicit request by the L/E/P, within three (3) months after the date of submission of the final report
(d) The documents supporting claims shall be preserved by the RSP until one year after the contract accounts are finally settled

3. Disclosure and use of information by the RSP: The RSP will ensure that the documents supplied by the L/E/P are not disclosed to any person other than a person authorized by the L/E/P. Any pattern, sample or information in documentary or other physical form remains the property of the L/E/P throughout the period of the contract and shall be returned to the L/E/P after execution of the contract, unless their disposal is otherwise provided for in the contract

4. Delivery schedule:

4.1 The interim outcomes of the contract shall be delivered at the time or times and in the manner specified in I above.
4.2 The RSP shall inform the L/E/P promptly of any occurrence that is likely to cause delay in delivery of above contracted outcomes. The L/E/P shall determine, in the light of circumstances reported, the extent of change(s) required in the delivery schedule of the contract
Note: The above covers only unexpected technical difficulties, gross delays in deliveries by suppliers of purchased equipment or consumables, illness or other justifiable cause of unavailability of research personnel and similar unforeseen circumstances.
4.3 An extension of the time limit for execution of the contract, or a postponement of delivery of outcomes shall require the explicit approval of the L/E/P, which approval shall be contractually valid only when this contract is formally amended by the L/E/P, as recorded on top right-hand corner overleaf

5. Short-closure of contract: The contract may be short-closed at any time during the currency of its execution if the L/E/P feels that no useful purpose will be served by continuing its implementation. The sort closure will be deemed to be effective from the day the short closure order is received by the RSP. Subsequent to this short-closure the RSP will submit a technical report on the work done till short-closure. The monies left unspent on the date of receipt of short-closure order by the RSP shall be returned to L/E/P. All equipment/stores acquired out of contract monies shall also be returned to L/E/P

6. Reports: Reports giving details of the progress of the work shall be sent to the L/E/P at intervals as specified in I above. On completion of the contract, the RSP will submit a final report (Contractor Report). All reports shall be in a formal conforming to Indian Standard IS 10864-1980, bound with Bibliographic description sheet conforming to IS: 9400-1980

7. Ownership of Intellectual Property (IP):

7.1 The ownership of intellectual property, whether or not legally protected, generated by contract research performed under this contract shall vest in DRDO. However, the RSP shall receive, upon demand by it, a royalty-free license from DRDO to use these intellectual properties for its own purposes, which purposes specifically exclude sale or Licensing to third parties
7.2 Not withstanding the above, all documents and information detailing the technical performance of this contract (including pertinent laboratory notebooks sketches, photographs, video tapes of experiments, electronic data acquisition records and other similar) shall be the property of DRDO, whether or not in the physical possession of DRDO

8. Publications: Interim technical results and the outcome of the contract, intellectual or physical, are the property of DRDO. If the investigator intends publishing the technical outcome, he shall send a written request L/E/P for permission to publish along with a copy of the manuscript. Within 60 (sixty) days of the receipt of such request, the L/E/P will inform the investigator(s) about its decision. If no communication is received from the L/E/P by the investigator/RSP within this period of 60 (sixty) days, the investigator/RSP shall be free to publish the material as proposed by him

9. Publicity relating to this contract: The existence of the contracts or the status of their execution shall not be publicized by the RSP in the media or in its periodic/Annual report except with the written consent of L/E/P. The latter shall specify the text relating this contract that may be made public

10. Communications: All communications affecting the performance of the contract, or its terms and conditions, shall be contractually valid only when confirmed by formal amendments to this contract made by the original signatories to the contract, and recorded in the box at the top right-hand corner overleaf

11. Compliance with law: Not withstanding anything contained in this contract, the RSP shall be wholly responsible for complying with all laws in force in India

12. Settlement of disputes: All disputes relating to this contract shall be settled mutually between the Vice-Chancellor/Director of the academic institution and Director of L/E/P placing this contract. Any remaining unresolved disputes shall be referred to final binding settlement by authorities mutally decided by the Secretary, Defence Research & Development, Ministry of Defence, and Secretary, HRD, Government of India, unless otherwise provided for in Specific Conditions at I(4) above

13. Liquidated Damages: Liquidated Damages @0.5% per week not exceeding max. of 5% of the total value of the order will be imposed for the delayed delivery period

(118)

FILE NO. EMR/2016/000285

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 24-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled **"Modeling Regional Soil Moisture through Microwave Remote Sensing and Water Cloud Model"** under the guidance of Dr. Kishan Singh Rawat, CRSG, Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 and by Dr. Anoop Kumar Mishra, Scientist D, Centre For Remote Sensing And Geoinformatics, Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2684000/- (Rs.** Twenty Six Lakh Eighty Four Thousand **Only)** with break-up of **Rs. *1260000/-* under Capital (Non-recurring) head** and **Rs.*1424000/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2684000/-** has been approved are given below:
The following budget may be considered for **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Soil Oven -> Soil Augar -> Microwave RS Software (Sarscape software Licence on windows and ENVI+IDL software lincense on window -> TDR -> High Configuration Lap-Top and accessories -> Microwave and Optical data sets	1260000
A'	*Total (Non-Recurring)*	***1260000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1180000
2	Recurring - B : (Overhead Charges)	244000
B'	*Total (Recurring)*	***1424000***
C	**Total cost of the project (A' + B')**	**2684000**

2. Sanction of the **SERB** is also accorded to the payment of
- **Rs. 1260000/-** (Rupees Twelve Lakh Sixty Thousand only) under 'Grants for creation of capital assets' and **Rs. 474666/-** (Rupees Four Lakh Seventy Four Thousand Six Hundred and Sixty Six only) under 'Grants-in-aid General' to **Registrar, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **22 March, 2017** and vide Diary No. **SERB/F/9809/2016-17** dated **23 March, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1734666/-** (Rupees Seventeen Lakh Thirty Four Thousand Six Hundred and Sixty Six only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University, jeppiaar Nagar, chennai-600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**ksr.kishan@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/000285 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. Rajwant SERB)
Scientist E
rajwant@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

4.	Dr. Kishan Singh Rawat CRSG **Sathyabama Institute of Science and Technology , Sathyabama university, jeppiar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119** Email: ksr.kishan@gmail.com Mobile: 918681882352 **Dr. Anoop Kumar Mishra** **Centre For Remote Sensing And Geoinformatics** **Sathyabama Institute Of Science And Technology** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Rajwant SERB)
Scientist E
rajwant@serb.gov.in

(19)

REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 24(0350)/17/EMR-II
From : Head, Human Resources Development Group

Dated : 1-6-2017

To

DR ANOOP KUMAR MISHRA
CTR FOR REMOTE SEN & GEO INF
SATHYABAMA UNIV
CHENNAI 600119 T N

Subject : Grants-in-aid for your scheme entitled DEVELOPING NEAR REAL TIME HIGH RESOLUTION PRECIPITATION PRODUCT USING MULTI-SATELLITE SENSORS FOR NEAR REAL TIME FLASH FLOOD MONITORING

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	2 RA / JRF / SRF-		
III	Contingency (per annum in ₹)	1st Year : 70,000	2nd Year : 70,000	3rd Year 70,000
IV	Equipment (lumpsum in ₹)	₹ 2,33,000 (1 S)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	7,92,000
II	Contingency	64,167
III	Equipment	2,33,000
	Total :	10,89,167

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :

1. Registrar/Principal/Director Sathyabama University Chennai - 600119 (TN) The utilization of grant is subject to compliance of para-I of the terms and conditions stated overleaf.
2. Sr. F.A.O.(EMR) alongwith FVC for first year's grant.

undergo environmental moisture correction and will be validated against ground based rain gauges radars.
Expected outcome: A near real time rainfall information at higher temporal and spatial scale over Indian which can be used for flash flood monitoring

8. References of 2 best papers published by the PI in last 5 years

(i) **Mishra, A.**, (2013), A new technique to estimate precipitation at fine scale using multi-frequency satellite observations over Indian land and oceanic regions. IEEE Transaction on Geoscience and Remote Sensing, 51(7), pp. 4349-4358, doi.10.1109/TGRS.2012.2226733.

(ii) **Mishra, A.**, and S. C. liu (2014), Changes in precipitation pattern and risk of drought over India in the context of global warming. Journal of Geophysical Research-Atmosphere, Vol. 119, pp. 7833-7841, DOI: 10.1002/2014JD021471

9. **Budget**	1st Year	2nd Year	3rd Year
Equipment 1. Laptop 2. Software 3. Printer	60,000 1,10,000 (MATLAB) 50,000 (Origin) 13,000		
Contingencies Travel	20,000 50,000	20,000 50,000	20,000 50,000
JRF/SRF/RA Two JRFs (Revised fellowship 25000 INR per month+20% HRA for initial 2 years and 28000 INR+20% HRA for 3rd year) SRF	3,60,000×2= 7,20000	3,60,000×2= 7,20000	4,03,200×2= 8,06400
Total	10,23000	7,90000	8,76,400

Grand total for whole project: 26,89,400 excluding overhead charges

Signature of PI

INDIAN COUNCIL OF MEDICAL RESEARCH
ANSARI NAGAR, NEW DELHI-110 029

F.No.5/8/5/19/2014-ECD-I Dated, 10/02/2017

Subject: - Payment of 1st and final installment of grant-in-aid for the research scheme entitled, "The project entitled "Bacteriocins from marine lactic acid bactria against drug resistant and latent tuberculosis" " under Dr. Shivraj Anbarasu

MEMORANDUM

Reference this office letter F.No.5/8/5/19/2014-ECD-I dated

The Director-General, ICMR sanctions the payment of Formal bill **Rupees 9,18,000.00 Rupees Nine lakh eighteen thousand only** as the 1st and final installment of 1st year w.e.f. 1/03/2017 to 28/02/2018the grant for incurring expenditure in connection with the above mentioned research scheme. The amount of Rs. 9,18,000.00 may be debited in the provision of Rs. 9,18,000.00 made for the above mentioned research scheme for the current financial year.

A formal bill for Rs. 9,18,000.00 is sent herewith for payment by cheque/demend draft to the Sathyabama University , Research

(Ishwar Likhar)
Administrative Officer
for Director General.

Accounts Section, ICMR. Alongwith mandate form and cancelled cheque.

Copy to: -

1. The Director, Sathyabama University Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119.1st and Final installment of 1st year will be sent to you in due course. The grant has been sanctioned on the conditions laid down in our letter referred to above.
2. Dr. Shivraj Anbarasu, Scientist 'C' Sathyabama University Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119..It is requested that part-2 undertaking in r/o of staff may be sent to this office in due course.
3. IRIS Cell(P & I) Section, ICMR
4. DEO, ICMR

for Director General.

INDIAN COUNCIL OF MEDICAL RESEARCH
ANSARI NAGAR, NEW DELHI-110 029

F.No.5/8/5/29/2014-ECD-I
19

Dated, 10/02/2017

To

The Director,
Sathyabama University Jeppiaar Nagar,
Rajiv Gandhi Road, Chennai-600119.

Subject: The project entitled "Bacteriocins from marine lactic acid bactria against drug resistant and latent tuberculosis" " under Dr. Shivraj Anbarasu

Sir,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of one year from 1/03/2017 to 28/02/2018

The Director General of the Council also sanctions the budget allotment of **Grand total Rupees 9,18,000.00 Rupees Nine lakh eighteen thousand only** as detailed in the attached statement for the year 1/03/2017 to 28/02/2018 The grant-aid will be given subject to the conditions:

1. The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma attached.

2. The staff appointed on the project should be paid as indicated in the budget statement attached.

3. The approved duration of the scheme Three year. The annual extension will be given after review of the work done on the scheme during the previous year.

4. A report on the progress made will be submitted to the Council as and when called for.

Contd...2.

5. The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.
6. The other terms and conditions are indicated in Annexure I. The receipt of this letter may please be acknowledged.

Yours faithfully,

(Ishwar Likhar)
Administrative officer,
for Director General.

No. 5/8/5/19/2014 -ECD-I

Copy together with a copy of the budget statement forwarded for information to: -

1. Dr. Shivraj Anbarasu, Scientist 'C' Sathyabama University Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119. You are requested to send part -1, undertaking in r/o staff joining
2. Copy together with two copies of the budget statement forwarded to the Accounts Section, ICMR for information and necessary action. RFC No. ECD/Adhoc/22/2016-17 dated 10/2/2017
3. IRIS Cell (Division of P & I), ICMR.
4. DEO, ICMR

for Director General.

(21)
(6-1)

No. BT/HRD/02/02/2016
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th floors
CGO Complex, Lodi Road,
New Delhi-110003
Dated:16/11/2017

ORDER

Sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978, for the approval of an amount of **₹3.50 lakhs(Three lakhs and fifty thousand only)** for conducting of short term training course on **"Recent Trends in Thin Film, Development and their Applications in Biomedical and Biosensor Devices"** for mid-career scientists and UG & PG teachers involved in life sciences & Biotechnology teaching at Sathyabhama University from 12th March 2018 to 28th March 2018 as per the budget details given below in table.

S.No.	Heads	Total Amount Sanctioned (in Lakhs)	Amount for First Release (in Lakhs)
	Non-Recurring		
1.	Minor Laboratory Equipment Cover Bacteriologic Incubator	1.00	0.80
	Recurring		
1.	Consumables/Chemicals	1.30	1.00
2.	Printing of laboratory manual	0.10	0.05
3.	TA/DA	0.60	0.50
4.	Technical fees	0.15	0.10
5.	Cost of Advertisement	0.10	0.05
6.	Stationary	0.10	0.05
7	Contingency	0.15	0.10
Total		**3.50**	**2.65**

Dr. K Gobi Saravanan Scientist-'C' Centre for Nanoscience and Nanotechnology , Sathyabhama University ,Chennai -600119 will be the Course Director.

2. The Course Director is requested to furnish to this Department, "Utilization Certificate" and an audited "Statement of Expenditure" in the enclosed formats, immediately after completion of the Short Term Training Course, along with the refund of unspent balance, if any

3. No Utilization Certificate/Statement of Expenditure pertaining to this short term training course is pending with the institute as it is a first time grant to the grantee Institution/University..

4. The accounts of the programme to be maintained by **Sathyabhama University, Chennai** shall be open to inspection by the sanctioning authority/audit, whenever the Institute/University is called upon to do so by the sanction authority.

5. **As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, Both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department. Whenever the Institution or Organisation is called upon to do so.**

6. The Institute /Agency will keep the Whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The interest so earned will be treated as a credit to the Institute /Agency and shall be adjusted towards further installment of the grant and /or at the time of Final Settlement of Accounts.

Continue...2/-

7 The domestic Travel by Air-India in refundable economy class is admissible under travel expenses as per GOI norms. There will be no international travel undertaken from the grant release under the STTP.

8 **All payments to be transferred to all beneficiaries by RTGS only & no payment will be made in cash/Cheque.**

9 The scheme will be implemented as per the guidelines given in the **Annexure I.**

10 The other terms and conditions given in the **Annexure II.**

11 The expenditure involved is debitable to:

Demand No. 85	:	Department of Biotechnology,
3425	:	Other Scientific Research (Major Head)
60	:	Others (Sub Major Head)
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
29	:	Biotechnology Research and Development, Human Resource Development, Research resources and facilities
29.17	:	Assistance for Research and Development
29.17.31	:	Grants-in-Aid General for the FY 2017-18
29.71.35	:	Grants for Creation of Capital Assets

12 This issues under power delegated to this Dept. And with the concurrence of IFD, DBT vide their **San. No. 102/IFD/SAN/2845/2017-18 dated: 24.10.2017**

13 This sanction order has been noted at serial no...68... in the register of grants.

Rohilla

Dr. Manoj Singh Rohilla
(Scientist- 'D')

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi- 110 003

Copy forwarded for information/necessary action to:-

1. The Principal Director of Audit (Scientific Dept.), AGCR Building, New Delhi-110002.
2. Cash Section, DBT (2 copies).
3. IFD, DBT.
4. **Dr. K Gobi Saravanan,** Scientist-'C' Centre for Nanoscience and Nanotechnology , Sathyabhama University ,Chennai -600119
5. **The Registrar**, Sathyabhama University ,Chennai -600119
6. Sanction folder.

Rohilla

(Dr. Manoj Singh Rohilla)
Scientist- 'D'

Dr. A Mukhopadhyay
Adviser/ Scientist `G'
SERC Division
Email: tsd@nic.in
Phone: 26590445
26602193 (direct)
Fax: 011-26602193

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलाजी भवन नया महरोली मार्ग नई दिल्ली - 110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhawan, New Mehrauli Road, New Delhi-110016

23

SR/FST/ LSI-110/2011 *2nd December 2011*

Subject: Your Proposal under "**FIST Program** - 2011" [293]

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level-I category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

To strengthen the research facilities in the Department.

(Being Private academic institution, support will be in the ration of 50:50)

E – Rs 80 L[AFM]

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School and actual cost of this project shall firmed up based on these inputs from you. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please submit the following documents **latest by before 16th January 2012 (Monday):**

1) One Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submits quotations of the identified & prioritized Equipment only.

2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the *Terms and Conditions* of DST-FIST Program available at the Website: www.fist-dst.org. Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.

3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.

2017

24

No.SR/FST/ETI-364/2014(C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016

23rd November, 2015

ORDER

Subject: Financial assistance (1st installment) to the Faculty of Computing, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119, (Tamil Nadu) on FIST Program.

Sanction of the President is hereby accorded to the implementation of the aforesaid project at a total cost of **Rs. 22,00,000/- (Rupees Twenty two lakh only)** for 5 years at the Faculty of Computing Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119, (Tamil Nadu). The details of this are given below:

To strengthen the research facilities in the Department on 50:50 Mode (Being a Private Institute)
Capital Assets:Rs.20.0L
E–Rs. 20.0L [i) 2 nos. server, ii) 1 no. UPS, iii) 1 no. Switch, iv) 1 no. Server Rack, v) 30 nos. Desktops].
General Components: Rs.2.0L
M– Rs. 2.00 L
Total : Rs. 22.00 Lakh [DST's contribution Rs.11.0 lakh & Sathyabama's Share-Rs.11.0 lakh]

2 The sanction of the President is also accorded to the release of **Rs. 10,00,000/- (Rupees Ten lakh only)** to the **Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119 (Tamil Nadu)** under FIST Program as 1st installment of the grant in 2015–2016 under *'creation of capital assets'* head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the **'Equipment'**. The break-up of the 1st installment grant released now would be **'Equipment': Rs. 10.0 lakh for procurement of Equipments mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only].**

3 **The Department/College/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year.

4 The Faculty of Computing, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119, (Tamil Nadu) shall implement the aforesaid project on FIST Program with the 'Terms and Conditions' already agreed to by the University. Further, as per Rule 211 of revised GFRs the accounts of this Project Grants at Grantee Organization shall be made available for inspection by the sanctioning authority/ audit where ever the Organization is called upon to do so.

5 **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**

6 The University/ Institute/College will furnish to the DST, Utilization Certificate and an audited Statement of Expenditure pertaining to the grant immediately after the end of each financial year.

Contd 2/

7 The grant is being released subject to the 'Terms & Conditions' of the Program being agreed to by the Faculty of Computing, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119 (Tamil Nadu). The University/Institute/College will maintain separate audited accounts and would keep whole of the grant in a bank account earning interest, the interest earned should be reported to the DST. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

8 The expenditure involved is to be debited to
Demand No. - 86-Department of Science & Technology,
"3425" -Other Scientific Research (Major Head),
60-Others (Sub-Major Head),
60 200-Assistance to other Scientific Bodies (Minor Head),
25--Research & Development Support
25 01--Grants for Research & Development Support
25.01.35--Grants for creation of capital assets for the year 2015-2016(Plan)

The above release is made under 'R&D' Scheme.

9 The amount of **Rs. 10,00,000/- (Rupees Ten lakh only)** will be disbursed to the **Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119 (Tamil Nadu)** in it's A/c No.**6089858032, IFSC Code:IDIB000S201** with **Indian Bank, Indian Bank, No.1, OMR Road, Rajiv Gadhi Salai, Sholinganallur branch, Chennai-600119 (Tamil Nadu).**

10 The sanction issues under the powers delegated to the Ministries and with the concurrence of the Integrated Finance Division, Department of Science & Technology vide their **C Dy.No. 1965 /IFD/2015-2016 dated. 16.07.2015.**

11 The sanction order is entered vide FIST Sl.No. 302 dated 23.11.2015 in the register of grants.

Pratishtha Pandey

Pratishtha T. Pandey)
Scientist 'E'
Email: pratishtha.tp@nic.in

Copy forwarded for information and necessary action to

1 Pay & Accounts Officer, Department of Science & Technology, New Delhi - 110 016
2 Cash Section (with two spare copies)
3 Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119, (Tamil Nadu)
4 Head, Faculty of Computing, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119, (Tamil Nadu) (PI Note the New Project No.) In case the sanctioned amount transferred under this sanction is not received by the P.I within 15 days from the date of issue of the sanction, the PI may intimate the fact with details of the IFD Diary No. & Date to the Joint Secretary and Financial Adviser at the e-mail address fin.adv.dst.dbt@gmail.com for looking into the matter and resolving it.
5 Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002
6 Office of Account General, Tamil Nadu, Chennai
7 FIST-Secretariat
8 CoA, IFD, DST, New Delhi
9 Head, R & D (Infrastructure), DST New Delhi
10 Sanction Folder

Pratishtha Pandey

Pratishtha T. Pandey)
Scientist 'E'
Email: pratishtha.tp@nic.in

Dr. A Mukhopadhyay
Head
R&D Infrastructure Division
Email: tsd@nic.in
Tel. + Fax: 011-26602193

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलाजी भवन नया महरौली मार्ग नई दिल्ली - 110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhawan, New Mehrauli Road, New Delhi-110016

SR/FST/ESI-145/2016 *16th December 2016*

Subject: Your Proposal under "**FIST Program - 2016**"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level-I or Level II category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

To augment the research facilities in the Department (Being Private University, the amount would be shared on 50: 50 ratio).

E – Rs 24.0L [i) Total Organic Carbon Analyzer, ii) Under Water hydrophone & Transducer, iii) Water quality probe , Hydrolab iv) Air Sampler]
M – Rs 4.0 L

Total: Rs.28.0 Lakh

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School and actual cost of this project shall be firmed up based on these inputs from you and finally it may be less. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please submit the following documents **latest by before 10th February 2017 (Friday):**

1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submits quotations of the identified & prioritized Equipment only.

2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the *Terms and Conditions* of DST-FIST Program available at the Website: www.fist-dst.org. Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.

3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.

4) For implementation of the project, the Department/School/Centre shall constitute an '**Project Implementation Group**' who shall be responsible & accountable for its implementation during the project duration of 5 years. The composition of the '**Project Implementation Group**' shall be informed to DST by the Department/School/ Centre.

5) The respective Department/ School/ Centre shall handle this project grant through only Saving Bank Account at the University/ Institute level. **Hence, the concerned Department/Centre/School shall need to forward a photocopy of a Blank Cheque only for their Institute/ University Saving Bank Account which is maintained & operated by the Registrar (for University) or Director (for Institute) or Comptroller (for Agricultural University) to facilitate the transfer of grants through ECS Transfer System. The Department/Centre/School shall also ensure the registration of their respective organization under Plan Finance Monitoring Scheme (PFMS) [www.cga.nic.in] for R&D Support (1009) head of A/c and attach the Registration Details of their University/Institute along with other documents.**

6) The respective Department/ School/ Centre shall also provide the 12(B) Certificate issued by the University Grants Commission (UGC) towards the eligibility of that University/Institution of receiving Central assistance under the FIST program of the DST.

The Department/ Centre/ School who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: www.fist-dst.org.

Departments/ Centres/ Schools are also requested for sending all documents at one stage instead of sending them in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department/Centre/School deemed to be forfeited automatically for considering support under DST-FIST Program.

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. **Please submit the following documents before 10th February 2017 (Friday). All documents will be required to send by Post. Documents shall not be sent by E-mail for releasing fund.**

With best regards.

Amukhopadhyay

(A. Mukhopadhyay)

To

Head **,**
Centre for Ocean Research, Sathyabama University,
Jeppiaar Nagar,
Rajiv Gandhi Salai,
Chennai-600119
Tamil Nadu

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]

No SR/FST/PSI-193/2014(C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016

23rd November, 2015

ORDER

Subject: Financial assistance (1st installment) to the Department of Science & Humanities, Sathyabama University, Sholinganallur, Chennai-600119, (Tamil Nadu) on FIST Program.

Sanction of the President is hereby accorded to the implementation of the aforesaid project at a total cost of **Rs. 74,00,000/- (Rupees Seventy four lakh only)** for 5 years at the Department of Science & Humanities, Sathyabama University, Sholinganallur, Chennai-600119, (Tamil Nadu). The details of this are given below:

To strengthen the research facilities in the Department on 50:50 Mode.
Capital Assets:Rs.66.0L
E–Rs. 50.0L [i) FTIR, ii) TGA/DTA/DSC and iii) Bridgeman set up].
NW–Rs. 16.0 L [Setting up a Computer lab]
General Components: Rs.8.0L
M– Rs. 8.00 L
Total: Rs.74.00 lakh [DST's Contribution-Rs.37.0 lakh & Sathyabama University's Share-37.0 lakh]

2. The sanction of the President is also accorded to the release of **Rs. 25,00,000/- (Rupees Twenty five lakh only)** to the **Registrar, Sathyabama University, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai-600119 (Tamil Nadu)** under FIST Program as 1st installment of the grant in 2015–2016 under '**creation of capital assets**' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the '**Equipment**'. The break-up of 1st installment grant released now would be '**Equipment': Rs. 25.0 lakh for procurement of Equipments mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only].**

3. **The Department/College/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year.

4. The Department of Science & Humanities, Sathyabama University, Sholinganallur, Chennai-600119, (Tamil Nadu) shall implement the aforesaid project on FIST Program with the 'Terms and Conditions' already agreed to by the University. Further, as per Rule 211 of revised GFRs the accounts of this Project Grants at Grantee Organization shall be made available for inspection by the sanctioning authority/ audit where ever the Organization is called upon to do so.

5. **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**

6. The University/ Institute/College will furnish to the DST, Utilization Certificate and an audited Statement of Expenditure pertaining to the grant immediately after the end of each financial year.

Contd. 2/

FILE NO. ECR/2016/000438
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 21-Sep-2016

ORDER

Subject: Financial Sanction of the research project titled **"Bioprospecting of fish-associated actinobacteria for Quorum sensing inhibitors effective against microbial biofilms"** under the guidance of Dr. Venugopal Gopikrishnan, CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 1870000/- (Rs.** Eighteen Lakh Seventy Thousand **Only)** with break-up of **Rs. *0*/- under Capital (Non-recurring) head** and **Rs.*1870000*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 1870000/-** has been approved are given below:
The following budget may be considered for **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment	0
A'	*Total (Non-Recurring)*	***0***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies, Other Cost)	1700000
2	Recurring - B : (Overhead Charges)	170000
B'	*Total (Recurring)*	***1870000***
C	**Total cost of the project (A' + B')**	**1870000**

2. Sanction of the **SERB** is also accorded to the payment of
- and **Rs. 623332/-** (Rupees Six Lakh Twenty Three Thousand Three Hundred and Thirty Two only) under 'Grants-in-aid General' to **The Vice Chancellor, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on **20 September, 2016** and vide Diary No. **SERB/F/4282/2016-17** dated **21 September, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 623332/-** (Rupees Six Lakh Twenty Three Thousand Three Hundred and Thirty Two only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University - Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University Branch, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai 600119**

IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	vc@sathyabamauniversity.ac.in
Email id of PI	gopivktk@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2016/000438 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Venugopal Gopikrishnan** **CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **Email: gopivktk@gmail.com** **Mobile: 919786374744** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**The Vice Chancellor,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूर – 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो isro

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

Dr. K Ganesha Raj
Director, RESPOND

☎: 080-23415269/22172269
FAX-080-23412471
email:director-respond@isro.gov.in

ISRO/RES/4/637/16-17

December 23, 2016

Dear Dr. Anoop Kumar,

Subject: RESPOND Project-**"Detecting Convective Clouds over India using multi-spectral satellite observations and quantifying their variability in changing climate"** -reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of Three years at a total outlay of **₹19.87 Lakhs (Rupees Nineteen Lakhs and Eighty Seven Thousand only)** towards meeting the expenditure of the project (budget details enclosed).
2. Release of grant of **₹7.80 Lakhs (Rupees Seven Lakhs and Eighty Thousand only)** towards meeting the first year expenditure of the project.

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, NARL, Gadanki (Attn: Dr. S Sridharan, RESPOND Coordinator, NARL, Gadanki)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231; Director, NARL, Gadanki (Attn: Dr. S

Sridharan, RESPOND Coordinator, NARL, Gadanki) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to send the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants (to the Vice-Chancellor, Sathyabama Univeristy, Chennai) at the earliest.

With Regards,

Yours sincerely,

(K Ganesha Raj)

Dr. Anoop Kumar Mishra
Scientist-D,
Centre for Remote Sensing and Geo-informatics,
Sathyabama University
Rajiv Gandhi Road
Jeppiar Nagar
Chennai: 600 119
Tamil Nadu

CC: Scientific Secretary, ISRO
Director, NARL, Gadanki
Vice Chancellor, Sathyabama Unversity, Chennai
→Registrar, Sathyabama University, Chennai
Dr. T Narayana Rao, Head, C& CSG, NARL, Gadanki
Dr. S Sridharan, Sci/Eng. SF, RESPOND Coordinator, NARL, Gadanki

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Krishi Anusandhan Bhawan- II, New Delhi-110012

F. No. NRM. 11(16)/2015-AFC (4) **Dated: 13/1//2016**

OFFICE ORDER

Sanction of Competent Authority in the Indian Council of Agricultural Research is hereby conveyed for ₹ **11,96,000 (Eleven Lakh Ninety Six Thousand only)** in favour of Comptroller, Sathyabama University, Chennai, Tamilnadu in respect of **Dr. K. Govindaraju** (Pr. Investigator), for the Project Nano micronutrients: preparation and foliar application in agriculture.

This issues with the approval of Addl. Secretary & Financial Adviser (DARE/ICAR) vide Dy. No. 152/F dated 08/01/2016.

Year-wise and Head-wise budget details are as under:

Year-wise total fund allocation (Rs. in Lakhs)						Grand Total (A+B)
Grant in Aid Capital			**Grant in Aid General**			
2015-16	**2016-17**	**Total (A)**	**2015-16**	**2016-17**	**Total (B)**	
-	-	-	1.592	10.368	11.96*	**11.96#**
Share of coordinating centre : TNAU, Coimbatore						
-	-	-	-	1.00	1.00	**1.00**

* includes salary for one SRF and contractual services, , chemicals, consumables, TA, contingency, overheads, workshops, institutional charges etc.

includes share for coordinating centre.

(**S. K. Chaudhari**) 13/1/16
ADG(SWM)

Distributio :

1. **Dr. K.Govindaraju**, PI & Scientist C, Centre for Ocean Research (R&D), Sathyabama University, Rajiv Gandhi Road, Chennai-600119
2. Comptroller, Sathyabama University, Rajiv Gandhi Road, Chennai-600119, Tamilnadu
3. ADG(Cdn.), ICAR, Krishi Bhavan, New Delhi
4. IFD, ICAR, New Delhi

NO SB/EMEQ-111/2014

SCIENCE & ENGINEERING RESEARCH BOARD
(SERB)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

Dated 9-2-2016

ORDER

Subject: Financial Sanction of the research project titled ***"Late Holocene tectonic land-level changes and tsunamis: Comparison between Muthupet Lagoon, Bay of Bengal and Rocky Island Creek, South Andaman, Indian Ocean."*** under the guidance of **Dr. P.M. Velmurugan, Centre for Earth and Atmospheric Sciences, SATHYABAMA UNIVERSITY, Chennai- 600 119.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs.34,24,968/-(Rupees Thirty four lakh twenty four thousand nine hundred & sixty eight only)** with break-up of **Rs.3,80,008/- under Non-Recurring head** and **Rs.30,44,960/- under Recurring head** for a duration of **4 years**. The items of expenditure for which the total allocation of **Rs.34,24,968/-** has been approved for a period of **4 years**, are given below:

Sl. No	Head	Total (in Rs.)
A	**Non-recurring Items**	
	Equipment 1.UV Spectrophotometer	3,80,008/-
	2.Flame Photometer	
A'	**Total (Non-Recurring)**	**3,80,008/-**
B	**Recurring Items**	
1.	Recurring –A [Manpower –One; Consumables; Analytical Cost, National Travels;& Contingencies]	27,33,600/-
2.	Recurring –B Overhead Charges	3,11,360/-
B'	Total (Recurring)	**30,44,960/-**
C	**Total cost of the project (A' + B')**	**34,24,968/-**

2.Sanction of the **SERB** is also accorded to the payment of **Rs.3,80,008/-(Rupees Three lakh eighty thousand & eight only) under "Non-Recurring"** and **Rs.7,50,000/-(Rupees Seven lakh fifty thousand only) under "Recurring"** being the grant for the year 2015-16, for implementation of the above said research project.

3.The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-SCPS)** This release is made under ***"Empowerment and Equity Opportunities for Excellence in Science" program.***

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, **SERB/F/7785/2015-16 dated 08.02.2016.**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in**.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

Cont.2/-

8. The total release amount of **Rs.11,30,008/- (Rupees Eleven lakh thirty thousand & eight only)** will be drawn by the **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank, Sathyabama University Branch**
IFSC/RTGS Code	**IDIB000S201**

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization Certificate and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

13. The sanctioned equipment & consumables would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(AMITAVA ROY)
SCIENTIST-F

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr.P.M. Velmurugan**
   Centre for Earth and Atmospheric Sciences
   Sathyabama University
   Chennai- 600 119
   Email id:velapmv@gmail.com

5. **The Registrar**
   Sathyabama University
   Chennai- 600 119.

(AMITAVA ROY)
SCIENTIST-F

(31)

No.22/02/2012-NEB (C)
Government of India
Ministry of Science & Technology,
Department of Science and Technology
(National S&T Entrepreneurship Development Board)

Technology Bhawan
New Delhi 110016
Dated: 04.03.2016

ORDER

Sub: Extension as Phase-II of a Technology Business Incubator (TBI) –"SU-TBI – Society of Sathyabama University-Technology Business Incubator" at Sathyabama University, Chennai.

Approval of the President is hereby accorded for the Extension as Phase-II of SU-TBI – Society of Sathyabama University-Technology Business Incubator at Sathyabama University, Chennai at a total cost of **Rs.112.40 Lakhs (Rupees One Crore Twelve Lakh and Forty Thousand only)** for a period of three years.

2. The SU-Technology Business Incubator (SU-TBI) will cater to the demands of business incubators and start-ups in Chennai and support design interventions to the innovations and development of technology & engineering products by providing a comprehensive package of assistance which addresses the particular needs of new companies during key stages of development such as product characterization, prototyping, market development and continuous innovation. The thrust area will be Marine Bioresource Utilization, Engineering and Technology, Biotechnology and applied products and waste management.

3. The break-up of the total approved cost for the TBI project is as under:-

Item	1st Year (Rs. In Lakhs)	2nd Year (Rs. In Lakhs)	3rdYear (Rs. In Lakhs)	Total	Funding Support
Recurring Expenses	14.25	15.10	17.15	**46.50**	DST-35.10 HI – 11.4
Revenue generation	3.10	3.70	4.60	**11.40**	-
Non-Recurring Expenses	-	-	-	**65.90**	DST-49.425 HI- 16.475

4. The required funds for the project would be raised through the following means.

	Means of Financing	Rs. In lakhs
1	Capital grant from DST	49.425
2	Recurring grant from DST for 3 years	35.10
3	Contribution of HI towards Capital expenses	16.475
4	Revenue Generation from TBI activities	11.40
		Total: 112.40

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No.SR/WOS-A/PM-3/2016 (G)

Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi-110016
Dated 04.08.2016

ORDER

Sub: Financial approval of the project under Women Scientist Scheme-A (WOS-A) entitled "Synthesis, characterization and collective properties of active particles."

PI: Ms. Reenu Mary Kuriakose, Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119, TN.

Sanction of the President is hereby accorded to the above mentioned project at a total cost of ₹ 13,80,000/- (Rupees Thirteen Lac Eighty Thousand only) for a duration of three years. The items of expenditure for which the total allocation of ₹ 13,80,000/- (recurring) has been approved for three years are given below:

Sl. No.	Heads	1st Year	2nd Year	3rd Year	Total
A.	*Non-Recurring* (Capital Items)				
	Equipments: Nil	----------	----------	----------	----------
B.	*Recurring*(General)				
	Fellowship for M.Sc@ ₹ 30,000/-	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
	Consumables	20,000/-	20,000/-	20,000/-	60,000/-
	Contingencies	20,000/-	20,000/-	20,000/-	60,000/-
	Travel	20,000/-	20,000/-	20,000/-	60,000/-
C.	Overhead	40,000/-	40,000/-	40,000/-	1,20,000/-
D.	Total of Recurring Grant (B+C)	4,60,000/-	4,60,000/-	4,60,000/-	13,80,000/-
E.	GRAND TOTAL (A+D)	4,60,000/-	4,60,000/-	4,60,000/-	13,80,000/-

2. Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project, etc.

3. Sanction of the grant is subject to the conditions as detailed in website www.online-wos.gov.in

4. Sanction of the President is accorded to the payment of ₹ 4,60,000/- (Rupees Four Lac Sixty Thousand only) as first installment of recurring grant as per following budget heads during the year 2016-2017:

Demand No.77 Department of Science & Technology

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
55 Disha Programme for Women in Science
55.01 Disha Programme for Women in Science
55.01.31 Grants-in-aid General for the year 2016-2017 (Plan Expenditure-General)

This release is being made under the Disha Programme for Women in Science.

Contd..p/- 2

5. The Sanction has been issued under the powers delegated to the Ministries and with the concurrence of IF Division of Department of Science & Technology vide their Concurrence Diary Number C/2535/IFD/2016-17 dated 03.08.2016.

6. The institute will furnish to the DST, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of the each financial year. As this is the first grant being released for the project, no previous U/C is required.

7. The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to DST. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

8. The amount of ₹ 4,60,000/- (Rupees Four Lac Sixty Thousand only) as recurring grant will be Disbursed to the Registrar, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Old Mamallapuram Road, Chennai-600119, TN by means of electronic transfer as per the details given below:

Institute name	:	Sathyabama University
Bank Name	:	Indian Bank
Account No.	:	6089858032
Branch	:	Sathyabama University
IFSC code	:	IDIB000S201

9. As per Rule 211(1) of GFRs, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

10. There is no due pending UC from the Institute for this Scheme/Project as per details in the PFMS also.

11. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "author acknowledge Department of Science & Technology, Government of India for financial support vide reference no.....under Women Scientist Scheme to carry out this work". Also she is advised to be either 'first' or 'corresponding' author in all publications.

12. This sanction has been entered Sl. No.....in the Register of Grants (2016-17).

(Vandana Singh)
Scientist-D

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Registrar, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Old Mamallapuram Road, Chennai-600119, TN.
4. Dr. Brijitta J., Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Old Mamallapuram Road, Chennai-600119, TN.
5. Ms. Reenu Mary Kuriakose, Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Old Mamallapuram Road, Chennai-600119, TN.
6. Pay & Accounts Officer, DST, New Delhi
7. Accounts Section, DST, New Delhi
8. Head, KIRAN Division
9. Sanction Folder.
10. COA, DST, New Delhi
11. IFD DST, New Delhi
12. KIRAN Secretariat

(Vandana Singh)
Scientist-D

FILE NO. PDF/2016/000942
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 04-Jul-2017

ORDER

Subject: Research project entitled **"Medicinal plants mediated green synthesis of gold nanoparticles and its antimalarial activity against Plasmodium falciparum and Plasmodium berghei"** under the guidance of Mr. Jayaseelan Chidambaram, Department of Life Sciences, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "PDF/2016/000942" dated "23 December, 2016 " of **Science and Engineering Research Board (SERB)**.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 4,48,511/-** (Rupees Four Lakh Forty Eight Thousand Five Hundred and Eleven only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 158626/-** (Rupees One Lakh Fifty Eight Thousand Six Hundred and Twenty Six only) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under National Post Doctoral Fellowship (N-PDF). (EC Life Sciences)

7. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/2379/2017-18** dated **03 July, 2017**

8. The release amount of **Rs. 4,48,511/-** (Rupees Four Lakh Forty Eight Thousand Five Hundred and Eleven only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**SATHYABAMA UNIVERSITY-RESEARCH**
Account Number	**6089858032**
Bank Name & Branch	**INDIAN BANK SATHYABAMA UNIVERSITY, JEPPIAAR NAGAR, CHENNAI 600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**registrar@sathyabamauniversity.ac.in**
Email id of PI	**jayaseelancahc@gmail.com**
Email id of Mentor	**radhiin@gmail.com**

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Mr. Jayaseelan Chidambaram** **Department of Life Sciences** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **Email: jayaseelancahc@gmail.com** **Mobile: 919843429490** **Dr. S.R. Radhika Rajasree, Ph.D.,** **Scientist E & Head** **Department of Life Sciences, Centre for Ocean Research** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **radhiin@gmail.com**
5.	**Registrar,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

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FILE NO. YSS/2015/001887

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 11-Mar-2016

ORDER

Subject: Financial Sanction of the research project titled **"Exploring the antibiotic potential of siderophores (sideromycins) from marine -derived actinobacteria against multi drug resistant Gram negative bacterial pathogens"** under the guidance of Dr. Radhakrishnan Manikkam, CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119 - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 1820000/- (Rs.** Eighteen Lakh Twenty Thousand **Only)** with break-up of **Rs. *0*/- under Capital (Non-recurring) head** and **Rs.*1820000*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 1820000/-** has been approved are given below:

The following budget may be considered for **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment	0
A'	*Total (Non-Recurring)*	***0***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies, Other Cost)	1650000
2	Recurring - B : (Overhead Charges)	170000
B'	*Total (Recurring)*	***1820000***
C	**Total cost of the project (A' + B')**	**1820000**

2. Sanction of the **SERB** is also accorded to the payment of

- and **Rs. 600000/-** (Rupees Six Lakh only) under 'Grants-in-aid General' to **The Vice Chancellor, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Start Up Research Grant (Young Scientist). (Life Sciences)

4. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on **09 March, 2016** and vide Diary No. **SERB/F/8452/2015-16** dated **11 March, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 600000/-** (Rupees Six Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University - Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University Branch, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai, Tamil Nadu**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**vc@sathyabamauniversity.ac.in**
Email id of PI	**mrkactinos@yahoo.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. YSS/2015/001887 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.

3.	File Copy
4.	**Dr. Radhakrishnan Manikkam** **CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, TAMIL NADU-600119** **Email: mrkactinos@yahoo.com** **Mobile: 919047513606** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**The Vice Chancellor,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

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FILE NO. PDF/2015/000060
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 04-Jul-2016

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to **Dr. Nagasundaram Nagarajan**, under the mentorship of **Dr RajeshKannan R**, at **Sathyabama Institute Of Science And Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/-** (Rs. Nineteen Lakh Twenty Thousand Only) for a duration of Two years.
The date of start of the fellowship will be **14 March, 2016**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the SERB is also accorded to the payment of **Rs. 10,06,400/-** (Rupees Ten Lakh Six Thousand Four Hundred only) under 'Grants-in-aid General' to **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to
Fund for Science & Engineering Research (FSER)
This release is being made under National Post Doctoral Fellowship (N-PDF). (Life Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/1784/2016-17 dated **30 June, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 10,06,400/-** (Rupees Ten Lakh Six Thousand Four Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Indian Bank, Sathyabama Univesity Branch, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road,Chennai-600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**deanoffice@sathyabamauniversity.ac.in**
Email id of PI	**naga25_sundar@yahoo.co.in**
Email id of Mentor	**rajesh.icn@gmail.com**

9.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **PDF/2015/000060** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Nagasundaram Nagarajan Centre for Nanoscience and Nanotechnology Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 Email: naga25_sundar@yahoo.co.in Mobile: 919600283832 Dr RajeshKannan R Scientist D Centre for Nanoscience and Nanotechnology Sathyabama Institute of Science and Technology Rajiv Gandhi Road, Jeppiaar NagarCHENNAI-600119 rajesh.icn@gmail.com (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Registrar, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

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111-33

FILE NO. PDF/2016/000966

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 22-Sep-2016

ORDER

Subject: Financial Sanction under National Post-Doctoral Fellowship to Dr. Dinesh Kumar Devarajan, under the mentorship of **Dr.P.Kuppusami**, at **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119**- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 19,20,000/-** (**Rs.** Nineteen Lakh Twenty Thousand Only) for a duration of Two years.
The date of start of the fellowship will be **01 September, 2016**
The items of expenditure for which the total allocation of **Rs. 19,20,000/-** has been approved are given below:

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 13,20,000 (@55,000/- per month (consolidated))
2.	Research Grant	Rs. 2,00,000/- per annum
3.	Overheads	Rs. 1,00,000/- per annum

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under National Post Doctoral Fellowship (N-PDF). (Engineering Sciences)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/4306/2016-17** dated **21 September, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 9,60,000/-** (Rupees Nine Lakh Sixty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SATHYABAMA UNIVERSITY - RESEARCH
Account Number	6089858032
Bank Name &	INDIAN BANK INDIAN BANK,SATHYABAMA UNIVERSITY BRANCH,JEPPIAAR

	(Receipt of Grant may be intimated by name to the undersigned)

(Dr. V. Ramesh)
SCIENTIST-C
drvramesh@serb.gov.in

FILE NO. PDF/2016/000108
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Jul-2017

ORDER

Subject: Research project entitled "DEVELOPMENT OF MULTICOLOR FLUORESCEIN-SORBITOL DERIVATIVES FOR BLOOD BRAIN BARRIER PERMEABILITY AND REAL TIME IMAGING STUDIES IN EMBRYONIC ZEBRAFISH" under the guidance of Dr. Rajasekar Mani, Centre for Nanoscience & Nanotechnology, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "PDF/2016/000108" dated "21 October, 2016 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 9,10,000/- (Rupees Nine Lakh Ten Thousand only) under 'Grants-in-aid General' to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 245334/- (Rupees Two Lakh Forty Five Thousand Three Hundred and Thirty Four only) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under National Post Doctoral Fellowship (N-PDF). (EC Life Sciences)

7. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/2803/2017-2018 dated 12 July, 2017

8. The release amount of Rs. 9,10,000/- (Rupees Nine Lakh Ten Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SATHYABAMA UNIVERSITY
Account Number	6089858032
Bank Name & Branch	INDIAN BANK INDIAN BANK, SATHYABAMA UNIVERSITY BRANCH, JEPPIAAR NAGAR,CHENNAI-119.
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	deanoffice@sathyabamauniversity.ac.in
Email id of PI	mrajasekar_83@yahoo.com
Email id of Mentor	rajeshnbt12@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Rajasekar Mani Centre for Nanoscience & Nanotechnology Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119 Email: mrajasekar_83@yahoo.com Mobile: 919710230530 Dr. R. Rajesh Kannan Scientist-D Department of Life Sciences (Centre for Nanoscience & Nanotechnology) Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119 rajeshnbt12@gmail.com
5.	DIRECTOR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

FILE NO. PDF/2016/000989

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 11-Aug-2017

ORDER

Subject: Research project entitled **"ISOLATION OF ACTIVE MOLECULES FROM SPONGE ASSOCIATED MICROBES AND DEVELOPMENT OF MARINE NATURAL PRODUCT-BASED ANTIFOULING COATINGS"** under the guidance of Dr. Nalini S, Centre for Ocean Research, Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "PDF/2016/000989" dated "12 October, 2016 " of **Science and Engineering Research Board (SERB)**.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 5,95,593/-** (Rupees Five Lakh Ninety Five Thousand Five Hundred and Ninety Three only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 251203/-** (Rupees Two Lakh Fifty One Thousand Two Hundred and Three only) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned

.

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under National Post Doctoral Fellowship (N-PDF). (EC Life Sciences)

7. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/4143/2017-2018** dated **02 August, 2017**

8. The release amount of **Rs. 5,95,593/-** (Rupees Five Lakh Ninety Five Thousand Five Hundred and Ninety Three only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Indian Bank, Sathyabama University, Jeppiaar Nagar, Chennai-600119**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**vc@sathyabamauniversity.ac.in**
Email id of PI	**snalini.msc@gmail.com**
Email id of Mentor	**inbakandan@sathyabamauniversity.ac.in**

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Nalini S** **Centre for Ocean Research** **Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **Email: snalini.msc@gmail.com** **Mobile: 918903239378** **Dr. D INBAKANDAN** **Scientist – E / Associate Professor** **Centre for Ocean Research** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119** **inbakandan@sathyabamauniversity.ac.in**
5.	**Vice chancellor,** **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai**

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

दूरभाष / TELEPHONE : 91-22-2599 0100 / 0101
फैक्स / FAX : 91-22-2599 0650, 2558 3230
वेबसाइट / WEBSITE : www.aerb.gov.in

नियामक भवन / NIYAMAK BHAVAN,
अणुशक्तिनगर / ANUSHAKTINAGAR,
मुंबई / MUMBAI-400 094.

सत्यमेव जयते

ISO 9001:2008

भारत सरकार
GOVERNMENT OF INDIA
परमाणु ऊर्जा नियामक परिषद
ATOMIC ENERGY REGULATORY BOARD

Resources and Documentation Division
Committee for Safety Research Programmes

AERB/CSRP/Proj. No.65/07/2016/ December 22, 2016

Dr. V. Ganesh Kumar
Scientist D
Centre for Ocean Research,
Sathyabama University, Chennai
Chennai - 600 119, Tamilnadu

Sub: First Grant-in-Aid for the project titled "Utilization of Steel Slag materials in concrete for Radiation shielding Studies"

Principal Investigator (PI) and Institute : Dr. V. Ganesh Kumar, Sathyabama University, Chennai

Project No. : AERB/CSRP/65/07/16

1. The Committee for Safety Research Programmes (CSRP) of the Atomic Energy Regulatory Board has recommended the above project proposal for Grant-in-Aid from AERB, in its meeting No. 65 held on September 28, 2016. The details of the funding are given below:

Sr. No.	Budget Head	Amount Estimated	
		I Year (Rs.)	II Year (Rs.)
1.	Salary of 1 JRF Rs 25,000/- per month with 30% HRA	3,90,000/-	3,90,000/-
2.	Equipment*	2,10,000/-	Nil
3.	Consumables	2,00,000/-	2,00,000/-
4.	Contingencies	2,00,000/-	1,50,000/-
5.	Overheads (15% excluding contingencies)	1,20,000/-	88,500/-
	Total	11,20,000/-	8,28,500/-
Grand Total = Rs. 19,48,500/- (Rupees Nineteen lakhs forty eight thousand five hundred only)			

* Muffle Furnace

2. Chairman, AERB has accepted the recommendations of the CSRP.

3. **The CSRP booklet containing the Terms & Conditions governing the Grant-in-Aid is enclosed herewith. In accordance with the General Financial Rules (GFR), this Sanction will lapse if no payment in whole or part has been made during a period of 12 months from date of its issue. You are requested to go through the booklet for better understanding about the procedures followed by CSRP.**

4. The grant for the year 2016-17 will be paid in one installment after Member-Secretary, CSRP-AERB receives from you a claim **(in duplicate)** in the format shown in the Annexure.

5. As recommended by CSRP, **Shri Sourav Acharya, SSED, AERB, Shri J. Mishra, SRI, Kalpakkam and Shri Arvind Shrivastava, C&ESG, NPCIL** will be the project coordinators. Terms and reference of the project coordinators are attached as Appendix.

6. You are requested to interact with the Coordinators on regular basis for effective implementation of the project. The Coordinators will monitor the progress of the project and also suggest any mid-way changes felt necessary for the project. The Principal Investigator should provide necessary cooperation in this regard. All correspondence regarding the progress report and budget details should be sent to the Coordinators in addition to Member Secretary, CSRP.

7. Six-monthly progress reports on the project should be sent to the Coordinators and Member Secretary, CSRP, AERB.

8. **The Statement of Accounts and Utilization Certificate should be submitted to Pay & Accounts Officer, AERB' at end of each year of the project with a copy marked to Member Secretary, CSRP.**

9. The receipt of this letter may please be acknowledged.

22.12.16

(P. Shylamoni)
Member Secretary, CSRP, AERB

Copy to: Pay and Accounts Officer, AERB

Project Coordinators

1.	Shri Sourav Acharya	SSED, AERB	sacharya@aerb.gov.in Tel.: 022-25990453
2.	Shri J. Mishra	SRI, Kalpakkam	jmishra@aerb.gov.in Tel.: 044-27480165
3.	Shri Arvind Shrivastava	C&ESG, NPCIL	ashrivastava@npcil.co.in Tel.: 022-25994110

109. -31 AD

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FILE NO. ECR/2015/000213
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 26-Sep-2016

ORDER

Subject: Financial Sanction of the research project titled "**Physiology and Molecular Adaptations of Coral Reef Dwelling Caridean Shrimps to Climate Change** " under the guidance of Dr. Prakash S, Centre for Climate Change Studies, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 and by Dr. Thanumalaya Perumal Subramoniam, Senior Scientist, Centre For Climate Change Studies, Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 2182000/- (Rs.** Twenty One Lakh Eighty Two Thousand **Only)** with break-up of **Rs. *0*/- under Capital (Non-recurring) head** and **Rs.*2182000*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2182000/-** has been approved are given below:
The following budget may be considered for **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment	0
A'	*Total (Non-Recurring)*	*0*
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2020000
2	Recurring - B : (Overhead Charges)	162000
B'	*Total (Recurring)*	*2182000*
C	**Total cost of the project (A' + B')**	2182000

2. Sanction of the **SERB** is also accorded to the payment of
and **Rs. 854000/-** (Rupees Eight Lakh Fifty Four Thousand only) under 'Grants-in-aid General' to **DEAN, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **26 September, 2016** and vide Diary No. **SERB/F/4534/2016-17** dated **26 September, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 854000/-** (Rupees Eight Lakh Fifty Four Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**SATHYABAMA UNIVERSITY-RESEARCH**
Account Number	6089858032
Bank Name & Branch	**INDIAN BANK Sathyabama University Branch, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai 600119**
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	deanoffice@sathyabamauniversity.ac.in
Email id of PI	prakash.s1311@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2015/000213 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Prahlad Ram)
Scientist C
prahlad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

(41)

FILE NO. YSS/2015/001858
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 25-Oct-2017

ORDER

Subject: Research project entitled "Identification and Characterization of molecular link between lamin A and Telomere in the context of aging" under the guidance of Dr. Johnsonretnaraj Samuel Selvanchristyraj, , Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "YSS/2015/001858" dated "30 March, 2016 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of
- Rs. 650000/- (Rupees Six Lakh Fifty Thousand only) under 'Grants-in-aid General' to REGISTRAR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai

being the 3rd grant for the financial year 2017-2018 for implementation of the above said project.

3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

4. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

5. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Start Up Research Grant (Young Scientist). (EC Life Sciences)

6. The Sanction has been issued to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai with the approval of the competent authority under delegated powers on 09 October, 2017 and vide Diary No. SERB/F/6961/2017-2018 dated 18 October, 2017

7. The release amount of Rs. 650000/- (Rupees Six Lakh Fifty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SATHYABAMA UNIVERSITY - RESEARCH
Account Number	6089858032
Bank Name & Branch	INDIAN BANK INDIAN BANK SATHYABAMA UNIVERSITY BRANCH SATHYABAMA UNIVERSITYJEPPIAAR NAGAR RAJIV GANDHI ROAD CHENNAI 600 119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	deanoffice@sathyabamauniversity.ac.in
Email id of PI	sambt@yahoo.co.in

8. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

9. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

10. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

12. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Johnsonretnaraj Samuel Selvanchristyraj Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119 Email: sambt@yahoo.co.in Mobile: 918012261482
5.	REGISTRAR, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

FILE NO. ECR/2015/000460

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 08-Aug-2016

ORDER

Subject: Financial Sanction of the research project titled "**Immune enhancement using sulfated polysaccharides isolated from marine algae (Seaweeds) against Mycobacterium marinum**" under the guidance of Dr. Rajasekar Thirunavukkarasu, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2766500/- (Rs.** Twenty Seven Lakh Sixty Six Thousand Five Hundred **Only)** with break-up of **Rs. *800000/-* under Capital (Non-recurring) head** and **Rs.*1966500/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs.** 2766500/- has been approved are given below:

The following budget may be considered for **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> RT PCR	800000
A'	*Total (Non-Recurring)*	***800000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1715000
2	Recurring - B : (Overhead Charges)	251500
B'	*Total (Recurring)*	***1966500***
C	**Total cost of the project (A' + B')**	**2766500**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 800000/-** (Rupees Eight Lakh only) under 'Grants for creation of capital assets' and **Rs. 662166/-** (Rupees Six Lakh Sixty Two Thousand One Hundred and Sixty Six only) under 'Grants-in-aid General' to **Vice chancellor , Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

  being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **03 August, 2016** and vide Diary No. **SERB/F/2923/2016-17** dated **06 August, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1462166/-** (Rupees Fourteen Lakh Sixty Two Thousand One Hundred and Sixty Six only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SATHYABAMA UNIVERSITY-RESEARCH
Account Number	6089858032
Bank Name & Branch	INDIAN BANK SATHYABAMA UNIVERSITY BRANCH, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI 600119, TAMIL NADU
IFSC/RTGS Code	IDIB0005201
Email id of A/C Holder	vc@sathyabamauniversity.ac.in
Email id of PI	microraja09@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2015/000460 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

T.Thgi

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Rajasekar Thirunavukkarasu** **Centre for Drug Discovery and Development** **Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119** **Email: microraja09@gmail.com** **Mobile: 919751236647** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Vice chancellor ,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

T.Thgi

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

No. BT/PR10814/AAQ/3/669/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Characterization, structure elucidation and druggability studies of three potential anti TB metabolites from novel Streptomyces sp ANS2 isolated from Andaman and Nicobar marine sediments**" for a period of 3 Year 0 Month at a total cost of Rs. **6153253** (Rupees Sixty One Lakhs Fifty Three Thousand Two Hundred and Fifty Three Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Characterization, structure elucidation and druggability studies of three potential anti TB metabolites from novel Streptomyces sp ANS2 isolated from Andaman and Nicobar marine sediments**"

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Ramasamy Balagurunathan
Professor and Head
Microbiology
Periyar University Salem
Department of Microbiology
Periyar University
Salem – 600 011. Tamil Nadu, Salem, Tamilnadu, 600011

Principal Investigators:

Dr. Jerrine Joseph
PI
Centre for Drug Discovery and Development
Sathyabama University, Chennai
17/3 leslyn heights, Siruvallur High

Dr. Ramasamy Balagurunathan
Professor and Head
Microbiology
Periyar University Salem
Department of Microbiology
Periyar University

CO-PI:

Dr. M Radhakrishnan
Co-PI
Centre for DrugsDiscovery and Development
Sathyabama University, Chennai
Sathyabama University, Jeppaiaar Nagar, Rajiv Gandhi Road, Chennai-600119, Chennai - 600119, Tamilnadu

2.3 Objectives:

Institute wise Objectives:

Periyar University Salem

1. Fermentative production of anti TB metabolites from actinomycete strain ANS2 and process optimization - (Periyar University)
2. Determination of MIC, time kill kinetics and cytotoxicity of active metabolite (s) against methicillin resistant Staphylococcus aureus (Periyar University).
3. Anticancer, antioxidant and larvicidal activity of three purified metabolites (Sathyabama University and Periyar University)

Sathyabama University, Chennai

1. Isolation, physico-chemical characterization and structure elucidation of active metabolite
2. Determination of anti tubercular activity against
   A. Drug resistant M. tuberculosis, B. MTB biofilm, C. Latent tubercle bacilli and, D. MTB enzymes (DNA gyrase and pantothenate synthase)
3. Identification of protein drug target on M. tuberculosis for the active metabolite (s) ADMET profiling and druggability studies of the active metabolite (s)
4. Anticancer, antioxidant and larvicidal activity of three purified metabolites .
5. Molecular taxonomy and detection of secondary metabolite biosynthetic genes present in strain ANS2 (Newly added).

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **6153253**/-(Rupees Sixty One Lakhs Fifty Three Thousand Two Hundred and Fifty Three Only) as per details given below :

ICAR-Central Research Institute for Dryland Agriculture
National Innovations in Climate Resilient Agriculture
(NICRA), Saidabad:: Hyderabad-500 059

Dr.Ch.Srinivasa Rao
Director

F.No.2-12(8)/CGC/16-17/NICRA
Dated 1st August, 2016

To
Dr.K.Govindaraju
Scientist C
Centre for Ocean Research (R&D)
Sathyabama University
Rajiv Gandhi Road, Chennai-600119

Sub: Sanction for the Project Proposal on **"Studies on the impact of elevated levels of water temperature and acidity on the developmental stages, biochemical, immunological and molecular responses in marine organisms (artemia, rotifer and *Penaeus vannamei*) as model"** under Competitive Grants Component (CGC) of the National Innovations in Climate Resilient Agriculture (NICRA)

Sir,

Sanction of the competent authority is hereby conveyed for the project on **"Studies on the impact of elevated levels of water temperature and acidity on the developmental stages, biochemical, immunological and molecular responses in marine organisms (artemia, rotifer and *Penaeus vannamei*) as model"** under Competitive Grants Component (CGC) of the National Innovations in Climate Resilient Agriculture (NICRA). The total outlay for the project will be **Rs. 31.00 lakhs (Rupees Thirty one lakhs only)** for a period of **Three years from 2016-17 to 2018-19.** The Budget sanctioned for the **First year (2016-17)** is **Rs. 7.65 lakhs (Rupees Seven lakhs sixty five thousand only).** The financial sanction for the remaining period would be issued as a part of next Plan subject to approval by Council.

1. The Project is approved for **Centre for Ocean Research (R&D), Sathyabama University, Chennai-600119**
2. The name and address of PI and Co PI's are given in **Annexure I.**
3. The head-wise/year-wise and head-wise/centre-wise budget allocations for the Competitive Project are given in **Annexure II.**
4. The details of approved items under Non-recurring component and sanctioned contractual staff are given in **Annexure-III.**
5. The sanction will be subject to the following conditions: -

The PI has the overall responsibility of carrying out the work assigned and shouldering other responsibilities duly listed in the Final proposal approved for **Centre for Ocean Research (R&D), Sathyabama University, Chennai-600119.** He will submit Statement of Expenditure (SOE) as per schedule. He is also responsible to requisition for the funds in the prescribed format.

(i) The expenditure will be made only on the approved items. The amount sanctioned under each head/sub head is the maximum budgetary limit for that item and the expenditure shall be made following the ICAR rates/norms wherever prescribed, such as TA/DA, contractual manpower etc. **A separate Books of Accounts shall be opened by the concerned institution/institutions if not already opened, exclusively for operating all receipt and**

payment transactions under NICRA. The utilization of funds and subsequent reporting, audit etc would be governed as per ICAR Procedures. Detailed accounts and records in respect of all transactions should be maintained separately in a classified manner so that Statements of Expenditure could be submitted to CRIDA as and when required apart from furnishing the quarterly accounts in respect of the NICRA activities. The accounts would identify all **Project expenditure** transactions under NICRA on an ongoing basis. Supporting documents should be retained for review by ICAR.

(ii) **One Senior Research Fellow (SRF)** under contractual services have been approved for the Project and to be positioned on ICAR approved rates following the prescribed procedure given in ICAR website **http://www.icar.org.in**. The ICAR will have no liability, whatsoever, for the contractual staff RA/SRFs employed under the Project.

(iii) The budgetary provision made under the sub-head 'Operational Expenses' may be utilized for meeting recurring contingent charges for lab and field operations such as chemicals/glassware, stationary items, rentals, AMC/repair of equipment, communication charges, labour (skilled/un-skilled) charges, hiring of vehicle, printing charges and other miscellaneous items etc.,

(iv) Wherever permissible, Institutional charges may be utilized for meeting expenditure on overheads, institutional services being provided by the institute for running Competitive Project.

(v) The procurement of goods, equipment, furniture, services, contracts, civil work etc., would be carried out as per the ICAR Guidelines, available at ICAR Website **http://www.icar.org.in**.

(vi) Periodical reports (quarterly, half yearly, annual and completion) and any other information sought from time to time would have to be submitted by the PI after consolidation of reports from Co-PI/Office if any.

5. Where the lead center is an NGO or a private company an MOU will have to be executed between the lead center of approved Competitive project and CRIDA.

6. A copy of this sanction letter and that of the approved research proposal may please be made available to the Co-PIs if any. Receipt of this letter may be acknowledged.

This issues with the approval of **the Competent authority**.

Yours faithfully,

(Ch.Srinivasa Rao)
DIRECTOR
Central Research Institute
for Dryland Agriculture
P.O. Saidabad, Hyderabad-500659.

Copy to:

Dr.B.Sheela Rani, Vice-Chancellor,
Sathyabama University
Jeppiaar Nagar, Rajiv Gandhi Salai
Chennai-600119
Tamilnadu

to be added 45

FILE NO. ECR/2016/000469

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Dec-2016

ORDER

Subject: Financial Sanction of the research project titled **"Targeting the Herpes Simplex Virus (HSV) entry and fusion by identifying the glycoprotein inhibitors from marine algae Sargassum "** under the guidance of Dr. Manikannan Mathaiyan, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 and by Dr. Krupakar Parthasarathy, Scientist D, Center For Drug Discovery And Development (CDDD), Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3362480/- (Rs.** Thirty Three Lakh Sixty Two Thousand Four Hundred and Eighty **Only)** with break-up of **Rs. *700000*/- under Capital (Non-recurring) head** and **Rs.*2662480*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 3362480/-** has been approved are given below: The following budget may be considered for **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> FPLC (Fast protein Liquid Chromatography) -> Incubator	700000
A'	*Total (Non-Recurring)*	***700000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2356800
2	Recurring - B : (Overhead Charges)	305680
B'	*Total (Recurring)*	***2662480***
C	**Total cost of the project (A' + B')**	**3362480**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants for creation of capital assets' and **Rs. 887493/-** (Rupees Eight Lakh Eighty Seven Thousand Four Hundred and Ninety Three only) under 'Grants-in-aid General' to **Vice Chancellor, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **07 December, 2016** and vide Diary No. **SERB/F/6636/2016-17** dated **09 December, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1587493/-** (Rupees Fifteen Lakh Eighty Seven Thousand Four Hundred and Ninety Three only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as

per their Bank details given below:

Account Name	**Sathyabama University-Research**
Account Number	**6089858032**
Bank Name & Branch	**Indian Bank Sathyabama University BranchJeppiaar Nagar, Rajiv Gandhi RoadChennai-600119.Tamilnadu**
IFSC/RTGS Code	**IDIB000S201**
Email id of A/C Holder	**vc@sathyabamauniversity.ac.in**
Email id of PI	**maniibms@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2016/000469 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Manikannan Mathaiyan** **Centre for Drug Discovery and Development** **Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119** **Email: maniibms@gmail.com** **Mobile: 919965692038** **Dr. Krupakar Parthasarathy** **Center For Drug Discovery And Development (CDDD)** **Sathyabama Institute Of Science And Technology** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Vice Chancellor,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai** (Receipt of Grant may be intimated by name to the undersigned)

T. Thangaradjou

(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

No. SR/FTP/ES-116/2014
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A Statutory Body of the Department of Science & Technology, Government of India)

Technology Bhavan
New Mehrauli Road
New Delhi – 110016
Dated: 2nd July, 2015

ORDER

Subject: Financial assistance for the Research Project under START UP GRANT FOR YOUNG SCIENTISTS entitled "An investigation of the changes in cloud cover using long term trends in precipitation extremes and their impact on radiation feedback".

PI: Dr. Anoop Kumar Mishra, Principal Investigator/Scientist C, Centre for Remote Sensing and Geoinformatics, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamilnadu.

Sanction of the Science and Engineering Research Board (SERB) is here by accorded to the above mentioned project at a total cost Rs. 6,50,000/- only (Rupees Six Lakh and Fifty Thousand only) with a break up of non recurring (Capital Budget Head) grant of Rs. 1,00,000/- only (Rupees One Lakh only) and recurring (General) grant of Rs. 5,50,000/- only (Rupees Five Lakh and Fifty Thousand only) for a period of three years to Vice Chancellor, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamilnadu towards implementation of the above said project as per the following breakup of funds:

Sl. No.	Head	Total (in Rs.)
A	**Non-recurring (Capital Items)**	
1	Equipments [Laptop, software's like Sigma Plot, Matlab and Origion]	1,00,000
A'	Total (Capital)	1,00,000
B	**Recurring Items (General)**	
1	General – A [Consumables, Contingency, Travel-domestic]	4,50,000
2	General – B (Overhead Charges)	1,00,000
B'	Total (General)	5,50,000
C	**Total cost of the project (A'+B')**	6,50,000

2. Sanction of the SERB is also accorded to the payment of Rs. 3.00 Lakh only with a break up of Rs. 1.00 Lakh only under Non-Recurring and Rs. 2.00 Lakh only under Recurring to the Vice Chancellor, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamilnadu being the grant for the year 2015-16 for implementation of the said research project.

3. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

4. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

5. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project

6. The expenditure involved is debitable to
Fund for Science & Engineering Research (FSER)

7. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/1711/2015-16 dated 26.06.2015.

8. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

Contd...2/-

9. The total release amount of **Rs. 3,00,000/- only (Rupees Three Lakh only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of cheque/DD/RTGS favouring **"Vice Chancellor, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamilnadu"** and will be sent to Vice Chancellor, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamilnadu. For RTGS transaction their Bank details are given as below:

Account Name	Sathyabama University – Research
Account Number	6089858032
Bank Name, Branch	Indian Bank , Sathyabama University, Jeppiaar Nagar, Chennai
IFSC Code	IDBI000S201
MICR Number	600019229

10. The institute will furnish to the SERB, New Delhi, Utilization Certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13. The institute may refund any unspent balance to SERB by means of an a/c payee Demand Draft favoring **"FUND FOR SCIENCE AND ENGINEERING RESEARCH"** payable at New Delhi.

Usha

U. K. Sharma
Scientist-E

Copy forwarded for information and necessary action to: -

1. Finance & Budget Officer, SERB, New Delhi.
2. Sanction Folder, SERB, New Delhi.
3. The Principal Director of Audit
   A.G.C.R. Building
   IIIrd Floor, I.P. Estate
   New Delhi-110 002

4. The Vice Chancellor
   Sathyabama University
   Jeppiar Nagar, Rajiv Gandhi Road
   Chennai-600119, Tamilnadu

5. Dr. Anoop Kumar Mishra
   Principal Investigator/Scientist C
   Centre for Remote Sensing and Geoinformatics
   Sathyabama University
   Jeppiar Nagar, Rajiv Gandhi Road
   Chennai-600119, Tamilnadu
   E-mail: daksha112@gmail.com

6. File Copy

Usha

U. K. Sharma
Scientist-E

No. S/10/27/2014-ESD/ES
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003

Dated: 10/08/2015

ADMINISTRATIVE ORDER

Subject: :"Quantification of impact of global/local warming on changes in precipitation patterns over India", Sathyabama University, Jeppiaar Nagar, Chennai.

Approval of the President is hereby conveyed under Rule 18 of Delegation of Financial Power Rules 1978 for implementation of project entitled: **"Quantification of impact of global/local warming on changes in precipitation patterns over India", Sathyabama University, Jeppiaar Nagar, Chennai** at an estimated cost of **Rs. 15,43,200/- (Rupees Fifteen lakh forty three thousand and two hundred only)** during the period of three (03) years (2015 -16 to 2017-18) Rs. 6,40,000/- during 2015-16; Rs. 4,30.000/- lakhs during 2016-17; and Rs. 4,73,200/- during 2017-18.

2.0 Objectives:

The aim of this proposed work is to examine the quantitative impact of global/local warming on changes in precipitation patterns over India. In this context, following specific objectives will be addressed:

- ✓ To explore quantitative relationship between changes in precipitation patterns and global/local warming over India and subregions. Changes in number of rainy, non-rainy and heavy rainy days will also be related quantitatively to warming.
- ✓ Coherency of changes in precipitation patterns will be tested against changes in temperature. Normalization will be done to filter out the fluctuations caused by interannual variability.
- ✓ Reliability of this relationship will be examined using statistical significance test.
- ✓ Rain gauge station data over different parts of India will be used to examine quantitative relationship between changes in precipitation patterns and global/local warming for individual stations.
- ✓ Impact of natural forcing (IOD and ENSO) over precipitation patterns will also be examined.
- ✓ This relation between changes in precipitation extremes and temperature will be used to project changes in precipitation pattern using changes in global temperature from climate models.

R Chand 10/8/15

2.1 Programmes:-

For the proposed work, rainfall data from various sources will be utilized. These data include high resolution (1 degree) daily gridded rainfall data from IMD (from 1951-2010), very high resolution (0.25 degree) daily gridded rainfall data from IMD (1901-2010), Asian Highly Resolved Observational Data Integration Towards Evaluation of the Water Resources (APHRODITE, 1951-2007), Global Precipitation and Climatology Project (GPCP, 1979-2013) and station data from IMD rain gauge stations. Expected outcome and deliverables: Results obtained from the proposed work will give a clear idea about quantitative relationship between changes in precipitation pattern and warming. This relation can be used to project changes in precipitation extremes using predicted future changes in global temperature from climate models.

2.2 Implementing Organization

This project will be implemented by **Sathyabama University, Jeppiaar Nagar, Chennai.** .

2.3 Estimated Project Cost:-

Total estimated cost of the project is **Rs. 15,43,200/- (Rupees Fifteen lakh forty three thousand and two hundred only)** during the period of three (03) years (2015 -16 to 2017-18) Rs. 6,40,000/- during 2015-16; Rs. 4,30.000/- lakhs during 2016-17; and Rs. 4,73,200/- during 2017-18. The year-wise/item-wise fund requirement is as given below.

(Amount in Rupees.)

Head	1st year	2nd year	3rd year	Total
One JRF (Revised fellowship 25000 INR per month+20% HRA for initial 2 years and 28000 INR+20% HRA for 3rd year)	3,60,000	3,60,000	4,03,200	11,23,200
Consumables	2,10,000	0.00	0.00	2,10,000
Travel (within India)	50,000	50,000	50,000	1, 50,000
Overhead charges (10%)	20,000	20,000	20,000	60,000
	6,40,000	4,30,000	4,73,200	15,43,200

2.4 Time Schedule: 3 years (2015-16 to 2017-18).

2.5 Project Monitoring & Evaluation

The progress of the project shall be monitored by PAC/SAC during its bi-annual meetings. In addition the progress will also be reviewed against the time lines through the Annual Progress Reports

2.6 **Description and manner in which the programme is proposed to be implemented**

The project will be implemented at Sathyabama University, Jeppiaar Nagar, Chennai through the P.I. Dr. Anoop Kumar Mishra and the Co-PI Dr. Jagabandhu Panda as per details given in Annexure -I.

3.0 The expenditure will be debited to the following Head of accounts-

'3425'	Other Scientific Research (Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
52	Research Education and Training Outreach
52.00.31	Grant-in-Aid-General (Plan)

4.0 The other terms and conditions governing the sanction are enclosed.

- Allocation of budget is tentative and subject to changes after review of progress, both physical and financial as recommended by the committee of experts.
- A list of equipments procured and other assets created for this project from the funds released shall be provided to MoES in the prescribed format as per GRF and their ownership shall vest in MoES.
- The equipments procured out of the grants from MoES will be maintained by University of Pune, Pune and will be available for use by other researcher.
- All equipments/assets procured from MoES funds shall be maintained in the stock register and no asset/equipment shall be diverted and/or disposed off without prior approval of the competent authority in MoES.
- Codal provisions for procurement of goods and services and requisition of research personnel shall be ensured.
- While implementing the programme all relevant procedures will be followed and the Ministry shall be apprised of the progress of the project from time to time.
- Utilization Certificate and Statement of Expenditure for the expenditure incurred on the project shall be submitted periodically in the prescribed format as per GFR 19-A.
- The grant received shall be placed in the interest bearing account.

5.0 This issues under powers delegated to this Ministry and with the concurrence of IFD vide their Dy. No.365/IFD/15 dated 27.07.2015 and with the approval of the Secretary, MoES vide Dy. No. 390/Secy/15 dated 31/07/2015.

10/8/15
(Kailash Chand)
Under Secretary to the Govt. of India

To,

The Pay & Accounts Officer,
Pay & Accounts Office,
Ministry of Earth Sciences,
New Delhi-110003

Copy to:

1. Cash Section, MoES for information.
2. The Principal Director of Audit (Scientific Department), AGCR Building, I.P. Estate, New Delhi.
3. The Registrar, Sathyabama University, Jeppiaar Nagar, Chennai,
4. Dr. Anoop Kumar Mishra, PI, Sathyabama University, Jeppiaar Nagar, Chennai.
5. JS&FA/JS(ES)/ADV(SB)/Sct. F (PM)/ Dir(F)/CA/ IFD, MoES.
6. PPS to Secretary.
7. Sanction folder/Guard file.

10/8/17

(Kailash Chand)
Under Secretary to the Govt. of India

Amendment to CARS

By Signature of authority identified at (12) below, DRDO hereby amends extent CARS on the Research Service Provider identified at (3)

1.Short title of CARS: **GENERATION OF HIGH RESOLUTION DIGITAL ELEVATION MODEL**					CARS Number: CVRDE/16CR002/SIM/15-16/LP Date : 27/10/2015	
2. Amended RSQR Ref. No. CVRDE/MMG/SPC/15-16/22	Date of Issue			Issuing DRDO Lab/estt/project	CARS Amendment No	Date of Amendment
	YY	MM	DD	CVRDE, Avadi		
	2015	07	07			

3. Name and address of RSP in CARS:
Dr. B. Sheela Rani, Director Research
Sathyabama University,
Chennai-600119

5. RSP is authorized to substitute/change/add Key professionals/research consultants as follows:
Dr. B. Prabhu Dass Batvari, Centre for Earth & Atmospheric Sciences,Chennai-600119

6. Principal technical features of Research Service to be provided by RSP are amended to read:DEM accuracy enhancement using LIDAR & GPS survey and user interface to handle flythrough and walkthrough models.

7. List of DRDO owned equipment made available to RSP is changed to read : NA

8. Date of submission of Final Report is amemd to read:	31 October 2017
9.1 Expenditure on Items below shall not exceed amended sums shown agaist each	Rs. In Lakhs
a) Personnel	--
b) Satellite data	**6,06,000**
c) Others (Travel, Contingency and expendable)	**3,10,000**
d) Service Tax @ 12.36% (Travel, Contingency and expendable)	**43,400**
Total	**9,59,400**

9.2 Required Schedule of Payments (Rs.)	Date	**Payment**
a) Initial advance	On receipt of supply order and submission of Proforma Invoice from NRSC (T_0+2)	**6,06,000**
b) at Performance Milestone 1 of RSQR	T_0+ 14 months	**1,10,000**
c) On submission of Final Report (Refer also entry 8 above)	31 Oct 2017	**2,43,400**
@ Payments will be made within 45 days of receipt by L/E/P of Contingent Bill	Total	**9,59,400**

10. General conditions of CARS remain Unchanged. Other specific conditions in CARS are amended to read: Nil

11. RSP's Signatory to original contract:

B. Sheela Rai

Name: **Dr. B. Sheela Rani**

Designation: Director Research

12. Signature of L/E/P Contract admisistrator

DIRECTOR CVRDE
डॉ.पी.शिवकुमार / Dr. P. SIVAKUMAR
विशिष्ट वैज्ञानिक / Distinguished Scientist
निदेशक / Director

Name:

Designation:

Dr. B. Sheela Rani, M.S. (By Research), Ph.D.
Director (Research)
Sathyabama University
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai-600 119.

No. BT/PR14718/MED/32/434/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)
CGO Complex, Lodhi Road,
New Delhi- 110 003
Date: 01-07-2016

RELEASE ORDER

In continuation of this Department's sanction order of even number dated Jun 30, 2016 sanction of the President is hereby accorded, under Rule18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **755000.00** (Rupees Seven Lakhs Fifty Five Thousand Only) being the first year release for the project entitled **"Surface Modified Hybrid Bioimplants by Pulsed Laser Deposition to enhance the implant durability",** being implemented by

Dr. Vinita Vishwakarma, Sathyabama University, Chennai, Jeppiaar Nagar, Rajiv Gandhi salai, Chennai - 600119, Tamilnadu

The detailed break-up is as given below:

SNo	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	Sathyabama University, Chennai	390000.00	300000.00	15000.00	50000.00	0.00	0.00	755000.00

The amount of Rs. **755000.00 /-(Rupees Seven Lakhs Fifty Five Thousand Only)** will be drawn by the Drawing & Disbursing Officer, DBT, from the Pay & Accounts Officer, DBT, and disbursed through RTGS as per following details:

The Vice Chancellor , Sathyabama University, Chennai, JEPPIAAR NAGAR, OLD MAMALLAPURAM ROAD, SHOLINGANALLUR,, Chennai - 600119, Tamilnadu

Bank Name : Indian Bank
Branch Name : Sathyabama University campus
A/c No. : 6089858032
IFSC Code : IDIB 000S 201
MICR Code : 600019229

The expenditure involved is debitable to:

Demand No. 79	**Department of Biotechnology**
3425	Other Scientific Research 2016-2017
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-aid General

The Vice Chancellor , Sathyabama University, Chennai, Chennai, Tamilnadu will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.

5. The Accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

7. -In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate to ten percent per annum thereon shall be recovered.
The other terms and conditions governing the financial sanction will remain unaltered.

8. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/1349/2016-2017** dated **June, 30 2016.**

9. This sanction order has been noted at serial no. 07 in the Register of Grants.

(Dr. Kakali Dey Dasgupta)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi- 110 002.
2 The Vice Chancellor , Sathyabama University, Chennai, JEPPIAAR NAGAR, OLD MAMALLAPURAM ROAD, SHOLINGANALLUR,, Chennai - 600119, Tamilnadu
3 Dr. Vinita Vishwakarma, Scientist - F, Centre for Nanoscience & Nanotechnology, Sathyabama University, Chennai, Jeppiaar Nagar, Rajiv Gandhi salai, Chennai - 600119, Tamilnadu
4 Cash Section, DBT (2 copies).
5 Sanction Folder.
6 File Copy.

(Dr. Kakali Dey Dasgupta)
Scientist 'D'

ıerated through eProMIS

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भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूर – 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो ISRO

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

Dr K Ganesha Raj
Dy. Director, RESPOND

☎: 080-23415269/22172269
FAX-080-23412471
email:ddrespond@isro.gov.in

August 6, 2015

ISRO/RES/3/684/15-16

Dear Dr. Kuppusami,

Subject: RESPOND Project - "Development of $Ba_xSr_{1-x}TiO_3$(BST) tunable dielectric thin films prepared by pulsed laser deposition

This has reference to your submission of the above-mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of three years at a total outlay of ₹24.67 Lakhs (Rupees Twenty Four Lakhs and Sixty Seven thousand only) towards meeting the expenditure of the project.

2. Release of grant of ₹9.50 Lakhs (Rupees Nine Lakhs and Fifty Thousand only) towards meeting the first year expenditure of the project (budget details enclosed).

The approval is subject to fulfillment of the following conditions:

a. You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to Director, VSSC, Thiruvananthapuram (Attn:Shri S Sridharan, RESPOND Coordinator,VSSC, Thiruvananthapuram) and two copies to the undersigned.

b. You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560231; Director, VSSC, Thiruvananthapuram (Attn: Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram) with a copy to the undersigned.

Department of Space will issue a separate sanction order for the approved grant followed by release of funds to The Registrar, Sathyabama University, Chennai.

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to send the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants at the earliest.

With Regards.

Yours sincerely,

(K Ganesha Raj)

Dr. P.Kuppusami
Senior Scientist
Centre for Nanoscience and Nanotechnology
Sathyabama University
Jeppiaar Nagar
Rajiv Gandhi Salai
Chennai : 600 119.

Cc: Scientific Secretary, ISRO
Director, VSSC, Thiruvananthapuram
Vice Chancellor, Sathyabama University
Registrar, Sathyabama University
Shri S Sridharan, RESPOND Coordinator, VSSC, Thiruvananthapuram

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Indian Space Research Organisation
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New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

Dr K Ganesha Raj
Dy. Director, RESPOND

☎: 080-23415269/22172269
FAX-080-23412471
email:ddrespond@isro.gov.in

ISRO/RES/3/689/2015-16

June 22, 2015

Dear Shri Ramachandran,

Subject: RESPOND Project - "High temperature X-ray diffraction studies on precipitation behaviour of Ni and Fe based alloys"

****

This has reference to your submission of the above-mentioned research proposal for funding under RESPOND Programme from Sathyabama University, Chennai and approval of the project by Chairman, ISRO/Secretary, DOS with the following:

1. Funding of the project under RESPOND Programme for a period of three years at a total outlay of **₹18.35 Lakhs (Rupees Eighteen lakhs and Thirty five thousand only)** towards meeting the expenditure of the project.

2. Release of grant of **₹8.64 Lakhs (Rupees Eight Lakhs and Sixty four Thousand only)** towards meeting the first year expenditure of the project (budget details enclosed).

The approval is subject to fulfillment of the following conditions:

a. You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, LPSC, Valiamala (Attn:Shri K M Arul Kumar, RESPOND Coordinator, LPSC, Valiamala PO, Thiruvananthapuram 695 547)** and two copies to the undersigned..

b. You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560231; Director, LPSC, Valiamala (Attn: Shri K M Arul Kumar, RESPOND Coordinator, LPSC, Valiamala PO, Thiruvananthapuram 695 547) with a copy to the undersigned.

Department of Space will issue a separate sanction order for the approved grant followed by release of funds to **The Registrar, Sathyabama University, Jepplaar Nagar, Rajiv Gandhi Salai, Chennai 600 119.**

You are requested to send the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants at the earliest.

With Best Regards,

Yours sincerely,

(K Ganesha Raj)

Shri D Ramachandran
Scientist C
Centre for Nanoscience & Nanotechnology
Sathyabama University
Jeppiaar Nagar
Rajiv Gandhi Salai
Chennai : 600 119.

Cc: Scientific Secretary, ISRO
Director, LPSC, Valiamala, Thiruvananthapuram
Vice Chancellor, Sathyabama University, Chennai
Registrar, Sathyabama University, Chennai
Shri K M Arul Kumar, RESPOND Coordinator, LPSC, Valiamala

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Annex-2 19

Contract for Acquisition of Research Services (CARS)

By signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title of Research Service to be provided:
DEVELOPMENT OF POLYMER NANO COMPOSITES FOR ELECTROMAGNETIC SHIELDING

In response to :

Contract Number: CVRDE/16CR0003/UKS/15-16/LP
Date: 16/10/2015

2. RSQR Document Ref No: CVRDE/MMG/SPC/15-16/60
Date of Issue: YY 2015, MM 08, DD 25
Issuing DRDO LAB/Est./Project: CVRDE, Chennai
Dates of CARS Amendments:

3. Name and address of Research Service Provider(RSP):
Dr. T. Sasipraba
Dean, Sathyabama University
Jeppiaar Nagar, Rajiv Gandhi Road,
Sathyabama University, Chennai-600 119.
PIN Code: 600 119
Telephone: +0144 2450 3814
Mail id: deansathyabama@gmail.com
chennaml@yahoo.com

4. RSP's Offer Ref. Letter No:
Sathyabama/CVRDE/2015-2016/005
Date:

5.(a) This contract will require a formal amendment if the following key professionals are not available to RSP:
Dr. K. Chennakesavulu, (Principal Investigator)
Asst. Professor, Dept. of Chemistry & Centre for Nanoscience and Nanotechnology (CNSNT), International Research Centre (IRC), Sathyabama University, Chennai – 600 119.

Dr. J. Brijitta, Scientist-D (Co-PI)
Scientist 'D', Centre for Nanoscience and Nanotechnology (CNSNT), IRC, Sathyabama University, Chennai – 600 119.

(b) RSP is authorized to engage these professionals as research consultants (name, institutes/companies)
G. Bhaskar Raju
Institute /company: CSIR-NML Madras Centre, Taramani, Chennai – 600 113.

6. Principal technical features of Research Service to be provided (Detailed in Attachment A)

7. DRDO will make available the following DRDO-owned equipment to RSP (Detailed in Attachment B): Nil

8. The technical performance of this contract shall be complete when RSP submits the Final Report before (date:) — 24 months from the date of receipt of initial advance

9.1 Expenditure on items below shall not exceed sums shown against each — Rs. in lakhs

(a) Personnel	3,84,000/-
(b) Equipment	3,50,000/-
(c) Others : (Chemicals & Raw Materials, Travel, Testing Charges, Contingencies & overhead, Visiting faculty)	7,09,400/-
d) Service tax @14 % on personnel & overheads	57,876/-
Total:	15,01,276/-

9.2 Schedule of payments (Rs. in. Lakhs)

	Date	Payment*
(a) Initial Advance (10%)	-	1,44,340/-
(b) On procurement of equipment & consumables/submission of Proforma Invoice (30%)	3 months	4,33,020/-
(c) At performance Milestone I of RSQR (20%)	6 months	2,88,680/-
(d) At Performance Milestone II of RSQR (20%)	15 months	2,88,680/-
(e) At Performance Milestone III of RSQR and on final report submission (20%+ service tax)	24 months	2,88,680/- 57,876/-
Total		15,01,276/-

* Payments will be made within 45 days of receipt by L/E/P of contingent Bill

10. DRDO will deem this contract, including amendments hereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract:

Name: Dr. T. SASIPRABA

Designation: DEAN, SATHYABAMA UNIVERSITY

Sign over seal

8/10/15

Dr. T. SASIPRABA, M.E., Ph.D.,
Dean (Publications & Conferences)
Sathyabama University,
Chennai - 600 119.

18/12/15

11. Signature of L/E/P contract administrator:

Name :
Designation:
Address:

Telephone:

Fax:

Email:

DIRECTOR, CVRDE

डॉ.पी.शिवकुमार / Dr. P. SIVAKUMAR
विशिष्ट वैज्ञानिक / Distinguished Scientist
निदेशक / Director

SATHYABAMA UNIVERSITY,
Jeppiaar Nagar,
Rajiv Gandhi Road,
Chennai - 600 119.

Please read them Conditions of this contract appear on reverse

I. Specific conditions of this Contract: The following conditions apply (L/E/P to stipulate) in addition to General Conditions listed at II below:

1 Technical performance: The satisfactory execution of the technical features of this contract shall be established against Performance Milestones as follows.

2 Delivery schedules: The interim reports and /or other outcome(s) of this contract shall be delivered as follows

3 Other specific conditions:

II. General/Conditions of this CARS

1 Equipment:

1.1 All equipment of a capital nature purchased, by the Research Service Provider (RSP), to execute this contract are the property of DRDO (L/E/P) These shall be returned to L/E/P within 03 months of expiry of this contract, unless L/E/P specifies otherwise separately.

Note: Should there be a difference of opinion between the RSP and L/E/P on whether or not a piece of equipment is of 'capital nature', the decision of L/E/P shall be final and binding on the RSP.

1.2 Equipment included in the Summary Offer of Research Services [at entry 9.1(b)] shall be procured by the RSP.

1.3 The RSP shall be responsible for the proper maintenance of the equipment and shall not alienate them, or use them without the prior permission of L/E/P for purposes other than those specified in this contract

2 Financial provisions: By entering into this contract, the RSP agree to make available to the L/E/Ps, or to any person or bodies designated by it, if requested by the L/E/Ps, all financial documentation and records on supplies and services purchased or acquired by the RSP for executing the contract.

2.1 Advances, work-in progress and schedule of payments:

(a) Advances or milestone payments are interim payments, which shall be deducted from the total sums due to the RSP.

(b)The L/E/P shall make payments for executing this contract on demands made through 'Contingent Bills' after certification by the pertinent financial authority of the RSP that the monies already released have been utilized for the purposes for which they were provided.

(c) Statements on expenditures incurred on items at 9.1 overleaf as certified by the internal auditors of the RSP shall be submitted within 30 days of crossing of each performance Milestone identified in the schedule of payments at 9.2 overleaf

(d) Except with the specific written pre-agreement of the L/E/P, the RSP shall not use for any purposes other than those specified in this contract, any material or services for which advances or milestone payments have been made.

2.2 Financial documentation and records:

(a) For work whose estimated time for completion is six months or less, the RSP shall submit only those reports as relate to the purchase of equipment by the RSP, within thirty days of such purchase.

(b) For contracts whose estimated time for completion is more than six months, the RSP shall provide the L/EP, not later than thirty (30) days after the end of each half-year, with a half-yearly financial report showing the actual expenditure incurred, against each of the entries at 'item 9.1' overleaf, for the execution of the contract up to the end of the previous half-year

(c) The L/E/P, or other authority specified by DRDO, may inspect all books bills, vouchers and other financial records at any time until the final settlement of accounts. The RSP shall supply the L/EP with such documents as are necessary for final settlement of claims, without explicit request by the L/E/P, within three (3) months after the date of submission of the final report.

(d)The documents supporting claims shall be preserved by the RSP until one year after the contract accounts are finally settled.

3. Disclosure and use of information by the RSP: The RSP will ensure that the documents supplied by the L/E/P are not disclosed to any person other than a person authorized by the L/E/P. Any pattern, sample or information in documentary or other physical form remains the property of the L/E/P throughout the period of the contract and shall be returned to the L/E/P after execution of the contract, unless their disposal is otherwise provided for in the contract.

4. Delivery schedule:

4.1 The interim outcomes of the contract shall be delivered at the time or times and in the manner specified in I above.

4.2 The RSP shall inform the L/E/P promptly of any occurrence that is likely to cause delay in delivery of above contracted outcomes. The L/E/P shall determine, in the light of circumstances reported, the extent of change(s) required in the delivery schedule of the contract.

Note. The above covers only unexpected technical difficulties, gross delays in deliveries by suppliers of purchased equipment or consumables, illness or other justifiable cause of unavailability of research personnel and similar unforeseen circumstances.

4.3 An extension of the time limit for execution of the contract, or a postponement of delivery of outcomes shall require the explicit approval of the L/E/P, which approval shall be contractually valid only when this contract is formally amended by the L/EP, as recorded on top right-hand corner overleaf.

5. Short-closure of contract: The contract may be short-closed at any time during the currency of its execution if the L/E/P feels that no useful purpose will be served by continuing its implementation. The sort closure will be deemed to be effective from the day the short closure order is received by the RSP. Subsequent to this short-closure the RSP will submit a technical report on the work done till short-closure. The monies left unspent on the date of receipt of short-closure order by the RSP shall be returned to L/E/P. All equipment/stores acquired out of contract monies shall also be returned to L/E/P.

6. Reports: Reports giving details of the progress of the work shall be sent to the L/E/P at intervals as specified in I above. On completion of the contract, the RSP will submit a final report (Contractor Report). All reports shall be in a formal conforming to Indian Standard IS:1064-1980, bound with Bibliographic description sheet conforming to IS: 9400-1980.

7. Ownership of Intellectual Property (IP):

7.1 The ownership of intellectual property, whether or not legally protected, generated by contract research performed under this contract shall vest in DRDO. However, the RSP shall receive, upon demand by it, a royalty-free license from DRDO to use these intellectual properties for its own purposes, which purposes specifically exclude sale or Licensing to third parties.

7.2 Not withstanding the above, all documents and information detailing the technical performance of this contract (including pertinent laboratory notebooks, sketches, photographs, video tapes of experiments, electronic data acquisition records and other similar) shall be the property of DRDO, whether or not in the physical possession of DRDO.

8. Publications: Interim technical results and the outcome of the contract, intellectual or physical, are the property of DRDO. If the investigator intends publishing the technical outcome, he shall send a written request L/E/P for permission to publish along with a copy of the manuscript. Within 60 (sixty) days of the receipt of such request, the L/E/P will inform the investigator(s) about its decision. If no communication is received from the L/E/P by the investigator/RSP within this period of 60 (sixty) days, the investigator/RSP shall be free to publish the material as proposed by him.

9. Publicity relating to this contract: The existence of the contracts or the status of their execution shall not be publicized by the RSP in the media or in its periodic/Annual report except with the written consent of L/E/P. The latter shall specify the text relating this contract that may be made public.

10. Communications: All communications affecting the performance of the contract, or its terms and conditions, shall be contractually valid only when confirmed by formal amendments to this contract made by the original signatories to the contract, and recorded in the box at the top right-hand corner overleaf.

11. Compliance with law: Not withstanding anything contained in this contract, the RSP shall be fully responsible for complying with all laws in force in India.

12. Settlement of disputes: All disputes relating to this contract shall be settled mutually between the Vice-Chancellor/Director of the academic institution and Director of L/E/P placing this contract. Any remaining unresolved disputes shall be referred to final binding settlement by authorities mutually decided by the Secretary, Defence Research & Development, Ministry of Defence; and Secretary, UGC, Government of India, unless otherwise provided for in Specific Conditions at I(4) above.

13. Liquidated Damages: Liquidated Damages @0.5% per week not exceeding max. 07.5% of the total value of the order will be imposed for the delayed delivery period.

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फैक्स :

इसरो isro

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

87-13

20

Dr K Ganesha Raj
Dy. Director, RESPOND

☎: 080-23415269/22172269
FAX-080-23412471
email:ddrespond@isro.gov.in

ISRO/RES/3/672/14-15

March 23, 2015

Dear Shri Viswanathan,

Subject: RESPOND Project - "Development of Carbon Nano – Tube (CNT) based strain sensor"

This has reference to your submission of the above-mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of three years at a total outlay of ₹19.55 Lakhs (Rupees Ninteen Lakhs and Fiftyfive thousand only) towards meeting the expenditure of the project.

2. Release of grant of ₹12.65 Lakhs (Rupees Twelve Lakhs Sixtyfive Thousand only) towards meeting the first year expenditure of the project (budget details enclosed).

The approval is subject to fulfillment of the following conditions:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to Director, LPSC, Valiamala (Attn: Shri K M Arul Kumar, Group Director, PPEG, LPSC, Valiamala) and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bangalore 560231; to Director, LPSC, Valiamala (Attn: Shri K M Arul Kumar, Group Director, PPEG, LPSC, Valiamala) with a copy to the undersigned.

Department of Space will issue a separate sanction order for the approved grant followed by release of funds to **The Registrar, Sathyabama University, Chennai.**

You are requested to send the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bangalore 560 231 with a copy to the undersigned for releasing the grants at the earliest.

With Regards,

Yours sincerely,

(K Ganesha Raj)

Shri K Viswanathan
Scientist C,
Centre for Nanoscience and Nano technology
Sathyabama University
Rajiv Gandhi Road
Jeppiaar Nagar
Chennai 600 119

Cc: Scientific Secretary, ISRO
Director, LPSC, Valiamala
Vice Chancellor, Sathyabama University, Chennai
Reigstrar, Sathyabama University, Chennai
Shri K M Arul Kumar, Group Director, PPEG, LPSC, Valiamala
Smt M Shajiha, Engr SE, PPEG, LPSC, Valiamala

NO. YSS/2014/000647
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5
Vasant Kunj
New Delhi-110070

Dated: 08 February, 2016

ORDER

Subject: Research Project titled "Screening of differentially expressed genes in larvae of Macrobrachium rosenbergii under abiotic stress" under the guidance of **Dr. Vinu Sivathanupillai Subbayyapillai, Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Jeppiar Nagar, Rajiv Gandhi Road, Chennai-600119, Tamil Nadu- Revision of total cost.**

In partial modification of SERB Sanction order YSS/2014/000647 dated 26 October, 2015, the approval of the **Science & Engineering Research Board** (SERB) is hereby accorded to the revision of the total cost of the project from Rs.33,20,000/- to Rs.22,76,000/-. The revised allocation will be as under:

HEAD	Previous Allocation	Revised Allocation
Equipments: Cooling High Speed Centrifuge	3,40,000	3,40,000
A Total (Capital) Non recurring	3,40,000	3,40,000
Manpower, Consumables, Travel, Contingency, Other Cost	26,80,000	16,36,000
Over Head Charges	3,00,000	3,00,000
B Total (General) Recurring	29,80,000	19,36,000
Total Cost of the Project (A+B)	33,20,000	22,76,000

2. The revised total cost of project at Sathyabama Institute of Science and Technology, Chennai, would be **Rs.22,76,000/-.**

3. This has the approval of Competent Authority in SERB.

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

5. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

Pramod

(Dr. Pramod Kumar Prasad)
Scientist – C

Copy forwarded for information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2	Sanction Folder, SERB , New Delhi.
3	File Copy
4	Dr. Vinu Sivathanupillai Subbayyapillai Centre for Climate Change Studies Sathyabama Institute of Science and Technology Jeppiar Nagar, Rajiv Gandhi Road Chennai-600119, Tamil Nadu
5	Registrar Sathyabama Institute of Science and Technology Jeppiar Nagar, Rajiv Gandhi Road Chennai-600119, Tamil Nadu

Pramod

(Dr. Pramod Kumar Prasad)

NRDMS/11/1959/012(G)
Government of India
Ministry of Science and Technology
Department of Science and Technology

Technology Bhavan,
New Mehrauli Road,
New Delhi – 110 016
16 July, 2015

Subject:-Financial Assistance for project entitled on "A Study on the Monitoring & Measurement of Green House Gas emission at Dumpyards using Remote Sensing Sensor Web" by Dr. Dawn SS, Professor & Head, Centre for Waste Management, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road,Chennai

Sanction of the President is hereby accorded to the approval of Rs. 13,44,000/- (Rupees Thirteen Lakhs Forty Four Thousand only) with a break up of Rs. Rs. 8,23,000/- (Rupees Eight Lakhs Twenty Three Thousand only) under the Capital Assets Head and Rs. 5,21,000/- (Rupees Five Lakhs Twenty One Thousand only) under the General Head for implementation of the project " A Study on the Monitoring & Measurement of Green House Gas emission at Dumpyards using Remote Sensing Sensor Web" by Dr. Dawn SS, Professor & Head, Centre for Waste Management, Sathyabama Unviersity, Chennai over a duration of 12 months.

2. The following is the budget break up:

Sl .No.	Items	Amount (Rs.)
A 1.	**General Expenditure** Salaries/wages (i) Junior Research Fellow - One @ Rs.25,000/- pm (ii) Project Assistant (Level II) - One @ Rs.8,000/- pm	 3,00,000/- 96,000/-
2.	Travel	50,000/-
3.	Contingencies	50,000/-
B 4.	Capital Expenditure - CH4 Transmitter Range:0-100% Vol – 2 Nos - CO2 TransmitterRage: 0-20% Vol- 2 Nos - Local Data logger 8 – Chennel with digital output and software – 1 No - Civil Construction/Fabrication of Hosing of Instruments at Test Cell- 1 No - Wireless Digital Transmitter, Software for cloud sourcing of data with required computer at Receiving Centre – 1 No. - Portable CO2 - CH4 Sensors, Wind speed, Wind Direction Sensors	 1,34,000/- 1,34,000/- 59,000/- 1,30,000/- 2,51.000/- 1,15,000/- 8,23,000/-
C 5	- Consumables including power for test cell component operations, Masks, Gloves, Safety, Shoes, Aprons and essential devices	25,000/-
D	**Total (A+B+C)**	**13,44,000/-**

3 The sanction of the President is also conveyed to the payment of Rs.4,00,000/- (Rupees Four Lakh only) as the first instalment of funds to Registrar, Sathyabama University, Chennai for implementation the aforesaid project.

P Sharma

Contd ...2

Gmail Radhakrishnan Manikkam <mrktrc@gmail.com>

Fwd: SERB-Notification

1 message

Jerrine Joseph <jerrine.jj@gmail.com> Thu, Oct 13, 2016 at 8:23 PM
To: "Dr. Radhakrishnan Manikkam" <mrktrc@gmail.com>

---------- Forwarded message ----------
From: "sureshbabu" <nsureshh@gmail.com>
Date: Oct 13, 2016 7:41 PM
Subject: Fwd: SERB-Notification
To: "Jerrine Joseph" <jerrine.jj@gmail.com>
Cc:

---------- Forwarded message ----------
From: **Dr. S. V. Prasanna** <prasanna@serb.gov.in>
Date: Thu, Oct 13, 2016 at 5:56 AM
Subject: SERB-Notification
To: "info@serbonline.in"@imsva02.cdacnoida.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. YSS/2015/000508

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Oct-2016

ORDER

Subject: Research project entitled "**Investigation of natural products from marine source for treatment of neurodegenerative diseases."** under the guidance of Dr. Sureshbabu Nagarajan, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "YSS/2015/000508" dated "13 November, 2015 " of **Science and Engineering Research Board (SERB**).

2. Sanction of the competent authority is accorded to the carry forward of unspent balance of **Rs. 1267625/-** (Rupees Twelve Lakh Sixty Seven Thousand Six Hundred and Twenty Five only) (Recurring Rs. 584333 and Non-Recurring Rs. 683292) to Sathyabama Institute of Science and Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai from FY 2015-2016 to FY 2016-2017 for the same purpose for which it was sanctioned.

3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

4. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

5. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

This carry forward is being made under Start Up Research Grant (Young Scientist). (EC Chemical Sciences)

6. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

7. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

8. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favor of "Fund for Science and Engineering Research" payable at New Delhi.

(Dr. S. V. Prasanna)

Scientist

prasanna@serb.gov.in

To,

Finance & Budget Officer

SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Sureshbabu Nagarajan** **Centre for Drug Discovery and Development** **Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119** **Email:** nsureshh@gmail.com **Mobile: 919176089522**
5.	**Sathyabama University-Research,** **Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai**

(Dr. S. V. Prasanna)

Scientist

prasanna@serb.gov.in

MoES/09-DS/4/2015 PC-IV
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003
25.01.2016

ORDER

In continuation of corrigendum No.MoES-2/DS/6/2007 PC-IV dated 16-06-2015 and 20-07-2015, sanction of the President of India is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules, 1978 for the release of **Rs. 13,40,000/- lakhs (Rupees Thirteen Lakhs and Forty Thousand only)** to **The Registrar, Sathyabama University, Chennai** under Drugs from Sea programme as the **First grant** for implementation of the project entitled **"Isolation and Mass Production of β-lactamase class proteins and efflux pump inhibitors against Multidrug resistant Pathogens from Marine Actinomycetes"** (**Dr. R. Rajesh Kannan**--- Molecular and Nanomedicine Research Unit, Centre for Nanoscience and Nanotechnology Sathyabama University Jeppiaar Nagar, Chennai – 600119) during current financial year 2015-16. This is the first release in the CFY for the project. The item-wise break-up of the grants being released is as given below:

(Amount in Rupees)

S no	Item	Amt. proposed to be release in CFY 2015-16 (1st Grant)
1.	Manpower *	3,90,000
2.	Recurring Expenditure [Consumables, Contingency, Travel, Other Costs (Outsourcing, Fabrication, Testing, Patents etc.)].	9,50,000
	Total	**Rs. 13,40,000/-**

* The fund for manpower head should be utilized as per the DST OM No. SR/S9/Z-09/2012 dated 21.10.2014 regarding the revision of emoluments and guidelines on service conditions for research personnel employed in R & D programme of the Central Government Departments/ Agencies. Monthly emolument of JRF and SRF has been revised to Rs. 25000/- and Rs. 28000/-. Otherwise, old rates will be applicable in respect of JRF/SRF salaries. JRF for first two years & SRF for third year could be appointed.

2. **The Registrar, Sathyabama University, Chennai, Tamilnadu** will utilize the above grants as per the terms and conditions laid down for the Grants-in-aid projects of Ministry of Earth Sciences and also submit the Utilization Certificate and audited Statement of Accounts periodically as per the stipulated condition.

3. The amount of **Rs. 13,40,000/- lakhs (Rupees Thirteen Lakhs and Forty Thousand only)** will be transferred through RTGS with the following Bank Details:

Bank	–	Indian Bank
Branch	–	Sathyabama University
Account No	–	6089858032
IFSC Code	–	IDIB000S201;
MICR Code	--	600019229
Agency Name as per Bank	–	Sathyabama University

The expenditure involved is debitable from the following Head of Account:

3403	-	Oceanographic Research (Major Head
00.101	-	Oceanographic Survey (Minor Head)
08	-	OSTROMS
08.00.31	-	Grants-in-Aids (General)

Under Demand No.31 (Plan) of the Ministry of Earth Sciences during CFY 2015-16.

Cont./2

5. The funds must be kept in interest bearing account.

6. The accounts of grantee Institute /Organization shall be open to inspection by the Sanctioning Authority, both by the Comptroller and Auditor General of India under the provision of CAG (DPG) Act 1971 and internal Audit by the Principal Account Office of the Ministry, whenever, the Institution is called upon to do so.

7. Grantee Institute is required to keep entire amount of Grant- in- Aid as & when received in interest bearing bank account only. In all future UC's the interest earned on grant amount received needs to be categorically shown by the Grantee Institute. This is for strict compliance

8. This Order has been noted at Sl. No.45 on page No.46 of the Expenditure Control Register of 2015-16.

9. No Utilization Certificate is pending against this present project at Sathyabama University, Chennai Tamilnadu.

10. This issues in exercise of the powers conferred on this Ministry and with the concurrence of Internal Finance Division vide Dy. No.836/IFD/16 dated: 12/01/16 and approval of Secretary, MoES vide Dy. No.P885/2016/O/o Secy dated: 14/01/2016.

(A.K. Bhattacharyya)
Under Secretary to the Govt. of India

To,

The Pay and Account Officer,
The Pay & Account Office,
Ministry of Earth Sciences,
Lodhi Road, New Delhi.

Copy to:

1. Cash Section, MoES for necessary action.
2. Dr. Dinesh K Dikshit, Officer In-charge, Coordinating cell of "Drugs from Sea" Project of MoES Central Drug Research Institute (CDRI), B.S. 10/1, Sector 10, Jankipuram Extension, Sitapur Road, Lucknow-226021.
3. The Principal Director Audit, Office of the Director General of Audit, Scientific Departments, AGCR Building, IP Estate, New Delhi-110002.
4. The Registrar- Sathyabama University, Jeppiaar Nagar, Chennai – 600119. Codal provisions for procurement of goods& service and requisition of research personnel as per GOI instruction as issued from time to time on the subject matter shall be ensured.
5. Dr. R. Rajesh Kannan-- Molecular and Nanomedicine Research Unit, Centre for Nanoscience and Nanotechnology, Sathyabama University Jeppiaar Nagar, Chennai – 600119.
6. Adv. (KS)/Scientist-F (N.K).
7. IFD/Guard File/ Hindi Section.

(A.K. Bhattacharyya)
Under Secretary to the Govt. of India

60

FILE NO. YSS/2014/000127

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 09-Dec-2016

ORDER

Subject: Research project entitled "Exploration of small peptides from Marine echinoderms against candidal amyloid proteins using zebrafish (Danio rerio) as a model system " under the guidance of Dr. Beemashafreen Rajamohamed, Molecular and nanomedicine research unit, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "YSS/2014/000127" dated "20 October, 2015 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of
- Rs. 300000/- (Rupees Three Lakh only) under 'Grants-in-aid General' to Sathyabama University- Research, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai being the 2nd grant for the financial year 2016-2017 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 1296886/- (Rupees Twelve Lakh Ninety Six Thousand Eight Hundred and Eighty Six only) (Recurring Rs. 346886 and Non-Recurring Rs. 950000) to Sathyabama Institute of Science and Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai from FY 2015-2016 to FY 2016-2017 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Start Up Research Grant (Young Scientist). (EC Life Sciences)

7. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on 01 December, 2016 and vide Diary No. SERB/F/6525/2016-17 dated 08 December, 2016

8. The release amount of Rs. 300000/- (Rupees Three Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Sathyabama University- Research
Account Number	6089858032
Bank Name & Branch	Indian Bank Sathyabama University Branch, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai 600119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabamauniversity.ac.in
Email id of PI	beema.shafreen@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Beemashafreen Rajamohamed Molecular and nanomedicine research unit Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, Chennai, Tamil Nadu-600119 Email: beema.shafreen@gmail.com Mobile: 919894124360
5.	Sathyabama University- Research, Sathyabama Institute Of Science And Technology, Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

No. BT/PR11664/AAQ/3/682/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 02.03.2016

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: **"Studies on the anticancer mechanisms of PI3K inhibitor(s) from marine sponge symbionts"** for a period of 3 Year 0 Month at a total cost of Rs. **2867853** (Rupees Twenty Eight Lakhs Sixty Seven Thousand Eight Hundred and Fifty Three Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Studies on the anticancer mechanisms of PI3K inhibitor(s) from marine sponge symbionts"

2.2 Details of the Investigatiors:

Dr. MADAN KUMAR ARUMUGAM
Scientist 'C'
Nanoscience and Nanotechnology
Sathyabama University, Chennai
Scientist C,
centre for Nanoscience and
Nanotechnology,
sathyabama University,
JEPPIAAR NAGAR, OLD
MAMALLAPURAM ROAD,
SHOLINGANALLUR,,
Chennai,Tamilnadu, 600119

CO-PI:

Dr. Rajesh Kannan Rajaretinam
Scientist 'D'
Nanoscience and Nanotechnology
Sathyabama University, Chennai
Molecular Nanomedicine and Neuroscience
Research Unit
Centre for Nanoscience and Nanotechnology
(A joint initiative of IGCAR & Sathyabama
University)
Chennai., Chennai - 600119, Tamilnadu

ted through eProMIS

(Dr. A S Ninawe)
Adviser

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 The Vice Chancellor , Sathyabama University, Chennai, JEPPIAAR NAGAR, OLD MAMALLAPURAM ROAD, SHOLINGANALLUR,, Chennai - 600119, Tamilnadu
3 Dr. MADAN KUMAR ARUMUGAM, Scientist 'C', Nanoscience and Nanotechnology, Sathyabama University, Chennai, Scientist C,
centre for Nanoscience and Nanotechnology,
sathyabama University,
JEPPIAAR NAGAR, OLD MAMALLAPURAM ROAD, SHOLINGANALLUR,, Chennai - 600119, Tamilnadu
4 Dr. Rajesh Kannan Rajaretinam, Scientist 'D', Nanoscience and Nanotechnology, Sathyabama University, Chennai, Molecular Nanomedicine and Neuroscience Research Unit
Centre for Nanoscience and Nanotechnology
(A joint initiative of IGCAR & Sathyabama University)
Chennai., Chennai - 600119, Tamilnadu
5 Cash Section, DBT (2 copies).
6 Sanction Folder.
7 File Copy.

(Dr. A S Ninawe)
Adviser

Indore Centre
इन्दौर केन्द्र

UGC-DAE Consortium for Scientific Research
विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल
(An autonomous institution of UGC, New Delhi)
(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)
(Formerly Inter University Consortium for DAE Facilities; IUC-DAEF)

Ref: CSR-KN/CRS-76/2018-2019/ 1569

31 March, 2018

Dr. J. Brijitta,
Scientist-D,
Centre for Nanoscience & Nanotechnology,
Sathyabama University,
Chennai-600119.

Sub:- Your proposal entitled "Colour Switching Electrochemically Tunable pH Responsive Etalons".

Dear Dr. Brijitta,

We are happy to inform you that your CRS proposal has been renewed for one more year for the period 1st April, 2018 to 31st March, 2019, subject to compliance of other procedures:

1. Dr. B.V.R. Tata, MSG, IGCAR will coordinate the activities of the project from CSR side.
2. The financial allocation for this year will be:

Project Fellow - I (@ Rs.14,000/- pm) + HRA	Rs. 1,68,000/- + HRA
Contingency	Rs. 15,000/-
Consumables	Rs. 30,000/-

3. The Project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
4. The CSR will be able to reimburse the travel expenses to investigators as well as student under the project for visiting CSR, Kalpakkam Node on project work.
5. The PI and the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
6. Money for the year 2018-19 will be transferred to the Registrar of your University under intimation to you by our Accounts Section after adjusting the unspent balance of the grant released earlier, if any, upto financial year ending on 31.3.2018, upon receiving the following: (a) Statement of Account for the period upto 31.3.2018 signed by the Registrar and (b) Certificate of Utilisation of money spent till 31.3.2018, signed by the Registrar.
7. It may be noted that the funds will be released after receiving grants from UGC

Yours sincerely,

V. Ganesan

(V. Ganesan)

Copy to the following for information and necessary action:-
1. The Registrar, Sathyabama University, Chennai-600119.
2. Dr. G. Amarendra, Scientist In-charge, UGC-DAE CSR, Kalpakkam Node.
3. The Admn. Officer-1 (Accounts), CSR, Indore Centre.

विश्वविद्यालय परिसर, खण्डवा रोड, इन्दौर - 452 001 (म. प्र.)
University Campus, Khandwa Road, INDORE - 452 001 (M.P.) INDIA
Phone : +91-731-2463913, 2762267. Fax : +91-731-2462294, 2465437
Website: www.csr.res.in

(63)

डॉ. चन्द्र शेखर मीना
Dr. Chander Shekhar Meena

संयुक्त सचिव
Joint Secretary

दूरभाष PHONE : 011-23236000
फैक्स FAX : 011-23230807
e-mail : jsmeena@ugc.ac.in

विश्वविद्यालय अनुदान आयोग
बहादुर शाह जफर मार्ग, नई दिल्ली 110 002
UNIVERSITY GRANTS COMMISSION
Bahadur Shah Zafar Marg, New Delhi-110 002

By Speed Post

No. F. 15-54/12(SA-II)

January, 2012

Dr. Pritee Goyal
Daughter of Devender Goyal
House No.70, Street No. 7,
Pawan nagar, Amritsar-143001

23 JAN 2012

Sub: Award of Post Doctoral Fellowship for Women for the year-2009-10/2010-11 (Category- Gen)

Sir/Madam,

On the basis of interface meeting with the UGC experts Committee held from 12th to 15th October, 2011, I am directed to inform you that the University Grants Commission has selected you for the award of **Post Doctoral Fellowship for Women 2009-10/2010-11** to work on the project entitled "Smart biomaterial: designing and biosynthetic modifications leading to enhanced sorption efficacy and environmental stability for decontamination of waste water with respect to metallic impurities" in the subject Chemistry. The duration of the Fellowship is **five years only.** The award is subject to UGC guidelines and will be effective from the actual date of joining in the University/Institution. The last date for joining the award is one month from the date of issue of this letter, failing which the award will be treated as cancelled.

As per UGC XI Plan guidelines, you will be paid grants for the following items under post Doctoral Fellowship:

(5+1.) Fellowship @Rs. 25,000/-p.m. (fixed)
@Rs. 30,000/-p.m. (fixed) -- After two years
(2.) Contingency @Rs. 50,000/-per annum
(3.) Departmental Assistant @10% of the Post Doctoral Fellowship to the host institution.
(4.) In addition to above, the fellow is also entitled for HRA, Medical, leave etc. as per UGC guidelines (see website www.ugc.ac.in)

The Joining Report for the Post Doctoral Fellowship for Women duly countersigned by the Head of the Department and the Registrar/Principal of the University/College/Institution in the prescribed format **(Annexure-III)** be sent to the Commission in one month from the date of issue of this letter along with the claim of HRA in the prescribed format, if any. **The claim of HRA after sending the Joining Report must be avoided to facilitate the release of grant in time. It should be claimed while sending the Joining Report.** The payment of fellowship and contingent grant for meeting expenditure on approved items during the first year of the award will be made to the Fellow through the University/Institution on receipt of the joining report. The grant released under the Scheme shall be utilized from the date of joining of the Fellowship.

The fellow should submit to the UGC half yearly progress report of the research work done by her during the year. As per **Annexure-VII**, the fellow should submit to the UGC a report of the research work done by her at the end of each year through the Head of the Department and the Departmental Research Committee of the University/Institution.

At the end of each year, Utilization Certificate certifying that the grant has been utilized for the purpose for which it was sanctioned and in accordance with the rules laid down by the Commission may please be sent to this office in the prescribed format (**Annexure-IV**), accounts of contingent grant and departmental assistance grants and the Utilization Certificate thereof may be sent in the prescribed Performa (**Annexure V & VI**).

The Post Doctoral Fellowship for Women shall not accept or hold any appointment, paid or otherwise, or receive any emoluments, salary, stipend, etc. from any other source during the tenure of the award. However, no extension is permissible beyond the total period of five years, at the end of which the awardee ceases to be a UGC Post Doctoral Fellow for Women with immediate effect. Any claim/reference to this effect will be illegal and the individual may have to face disciplinary action for such an act.

If she wishes to leave the fellowship before the end of the tenure, it should be done with prior approval of the Commission as per requirement of the undertaking given by the fellow. For appearing in any examination conducted by the university or public body, the prior approval of the Commission should be obtained.

Receipt of this letter may please be acknowledged.

Yours faithfully

(Dr. C.S. Meena)
Joint Secretary

दूरभाष / TELEPHONE : 91-22-2599 0100 / 0101
फैक्स / FAX : 91-22-2599 0650, 2558 3230
वेबसाइट / WEBSITE : www.aerb.gov.in

नियामक भवन / NIYAMAK BHAVAN,
अणुशक्तिनगर / ANUSHAKTINAGAR,
मुंबई / MUMBAI-400 094.

सत्यमेव जयते

ISO 9001:2008

भारत सरकार
GOVERNMENT OF INDIA
परमाणु ऊर्जा नियामक परिषद
ATOMIC ENERGY REGULATORY BOARD

Committee for Safety Research Programmes

AERB/CSRP/Proj. No.60/08/2015/ **April 13, 2015**

Dr. L. Stanley Abraham
Scientist D
Centre for Ocean Research,
Satyabhama University,
Jeppiaar Nagar, Rajiv Gandhi Road
Chennai-600119

Sub: First Grant-in-Aid for the project titled "Studies on adsorption characteristics of radionuclides by phyco-colloids of seaweeds".

Principal Investigator : Dr. L. Stanley Abraham
Project No. : AERB/CSRP/60/08/2015

Sir,

1. The Committee for Safety Research Programmes (CSRP) of the Atomic Energy Regulatory Board has recommended the above project proposal for Grant-in-Aid from AERB in its meeting No. 60 held on March 05, 2015. The details of the funding are given below.

Sr. No.	Budget Head	Amount Estimated	
		I Year (Rs.)	II Year (Rs.)
1.	Salary of 1 JRF (Rs 25,000/- per month + 30% HRA)	3,90,000/-	3,90,000/-
2.	Salary of 1 Project Assistant (@ Rs. 8000 / month)	96,000/-	96,000/-
3.	Equipment*	16,50,000/-	Nil
4.	Consumables	3,00,000/-	1,50,000/-
5.	Contingencies	1,00,000/-	75,000/-
6.	Overheads (15% excluding contingencies)	3,65,400/-	95,400/-
	Total	29,01,400/-	8,06,400/-
Grand Total = Rs. 37,07,800/- (Rupees Thirty Seven Lakh Seven Thousand Eight Hundred only)			

*Thermo gravimetric analyser

2. Chairman, AERB has accepted the recommendations of the CSRP.

3. **The CSRP booklet containing the Terms & Conditions governing the Grant-in-Aid is enclosed herewith. In accordance with the General Financial Rules (GFR), this Sanction will lapse if no payment in whole or part has been made during a period of 12 months from date of its issue. You are requested to go through the booklet for better understanding about the procedures followed by CSRP.**

4. The grant for the year 2015-2016 will be paid in one instalment after Member-Secretary, CSRP-AERB receives from you a claim (in duplicate) in the format shown in the Annexure to this letter.

5. As recommended by CSRP, **Shri Diptendu Das from IPSD, AERB will be the AERB project coordinator. Dr. Jayashree Ramkumar from ACD, BARC and Shri V. P. Venugopalan, WSCD, IGCAR** would be the other coordinators for the project.

6. You are requested to interact with the Coordinators on regular basis for effective implementation of the project. The Coordinators will monitor the progress of the project and also suggest any mid-way changes felt necessary for the project. The Principal Investigator should provide necessary cooperation to the Coordinators in this regard. All correspondence regarding the progress report and budget details should be sent to coordinators also along with member-secretary, CSRP.

7. Six-monthly progress reports on the project should be sent to the Coordinators and Member-Secretary, CSRP-AERB.

8. The Statement of Accounts and Utilisation Certificate should be submitted to 'Pay & Accounts Officer, AERB' at end of each year of the project with a copy marked to Member-Secretary, CSRP.

9. The receipt of this letter may please be acknowledged.

6.4.15

(P. Shylamoni)
Member-Secretary, CSRP-AERB

Project Coordinators

1.	**Shri Diptendu Das, IPSD**	IPSD, AERB,	diptendudas@aerb.gov.in Tel.: 022-25990407
2.	**Dr. Jayashree Ramkumar**	ACD, BARC	jrk@barc.gov.in Tel.: 022-25592224
3.	**Shri V. P. Venugopalan,**	WSCD, IGCAR	vpv@igcar.gov.in Tel: 044-27480500 Extn: 22607 (direct)

Copy to: Project Coordinators
Pay and Accounts Officer, AERB

दूरभाष / TELEPHONE : 91-22-2599 0100 / 0101
फैक्स / FAX : 91-22-2599 0650, 2558 3230
वेबसाइट / WEBSITE : www.aerb.gov.in

नियामक भवन / NIYAMAK BHAVAN,
अणुशक्तिनगर / ANUSHAKTINAGAR,
मुंबई / MUMBAI-400 094.

सत्यमेव जयते

ISO 9001:2008

भारत सरकार
GOVERNMENT OF INDIA
परमाणु ऊर्जा नियामक परिषद
ATOMIC ENERGY REGULATORY BOARD

AERB/CSRP/PROJ. No. 60/08/2016 November 15, 2016

Dr. L. Stanley Abraham
Scientist E
Centre for Ocean Research,
Sathyabama University
Jeppiaar Nagar, Rajiv Gandhi Road,
Chennai – 600 119.

Sub: First Renewal of Safety Research Project titled "Studies on adsorption characteristics of radionuclides by phyco-colloids of seaweeds"

Principal Investigator (PI) and Institute : Dr. L. Stanley Abraham, Satyabhama University, Chennai

Project No. : AERB/CSRP/60/08/15

1. The Committee for Safety Research Programmes (CSRP) of the Atomic Energy Regulatory Board has recommended, in its meeting No. 65 held on September 28, 2016, first renewal of the above project proposal for Grant-in-Aid by AERB. The details of the funding are given below:

S. No.	Budget Head	Amount Estimated (Rs.)
1.	Staff Salary (Rs 25,000/- per month + 30% HRA)	3,90,000/-
2.	Salary of one project assistant@ Rs. 8000/ month	96,000/-
3.	Consumables	1,50,000/-
4.	Contingencies	75,000/-
5.	Overheads (15% excluding contingencies)	95,400/-
	Total	8,06,400/-
Total =Rs.8,06,400/- (Rupees Eight lakhs six thousand four hundred only)		

2. Chairman, AERB has accepted the recommendations of the CSRP.

3. The grant for the year 2016-17 will be paid in one installment after Member-Secretary, CSRP-AERB receives from you a claim (in duplicate) in the format shown in the Annexure.

4. As recommended by CSRP, **Dr. Diptendu Das from IPSD, AERB will be the AERB project coordinator. Dr. Jayashree Ramkumar, BARC and Dr. V. P. Venugopalan, BARC** are the other Coordinators for the project.

5. You are requested to interact with the Coordinators on regular basis for effective implementation of the project. The Coordinators will monitor the progress of the project and also suggest any mid-way changes felt necessary for the project. The Principal Investigator should provide necessary cooperation in this regard. All correspondence regarding the progress report and budget details should be sent to the Coordinators in addition to Member Secretary, CSRP.

6. Six-monthly progress reports on the project should be sent to the Coordinators and Member Secretary, CSRP, AERB.

7. The **Statement of Accounts and Utilization Certificate should be submitted to Pay & Accounts Officer, AERB' at end of each year of the project with a copy marked to Member Secretary, CSRP.**

8. The receipt of this letter may please be acknowledged

Yours sincerely

15.11.16

(P. Shylamoni)
Member Secretary, CSRP, AERB

Copy to: Pay and Accounts Officer, AERB

Project Coordinators

1.	**Dr. Diptendu Das**	IPSD, AERB,	diptendudas@aerb.gov.in Tel.: 022-25990407
2.	**Dr. Jayashree Ramkumar**	ACD, BARC	jrk@barc.gov.in Tel.: 022-25592224
3.	**Dr. V. P. Venugopalan**	NABD, BARC	

No. BT/PR5426/AAQ/3/599/2012
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 10.03.2015

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Diversity (cultivable and culture independent), ex-situ conservation and bio-prospecting of Marine actinobacteria for antibiotics, anti-tuberculosis, anti-HIV and immunomodulatory substances**" for a period of 3 Year 0 Month at a total cost of Rs. **14175200** (Rupees One Crores Fourty One Lakhs Seventy Five Thousand Two Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Diversity (cultivable and culture independent), ex-situ conservation and bio-prospecting of Marine actinobacteria for antibiotics, anti-tuberculosis, anti-HIV and immunomodulatory substances**"

2.2 Details of the Investigatiors:

Project Cordinator

Dr. K Kathiresan
Professor & Director
CAS in Marine Biology, Faculty of Marine Sciences
Annamalai University
CAS in Marine Biology
Faculty of Marine Sciences
Annamalai University
Parangipettai, Annamalai, Tamilnadu, 608502

Principal Investigators:

Dr. K Kathiresan
Professor & Director
CAS in Marine Biology, Faculty of Marine Sciences
Annamalai University
CAS in Marine Biology
Faculty of Marine Sciences
Annamalai University
Parangipettai,
Annamalai,Tamilnadu-608502

Dr. K SIVAKUMAR
Asst. Professor
CAS - Marine Biology
Annamalai University
Center of Advance Study in Marine Biology,
Annamalai University,Parangipettai,
Chennai,Tamilnadu-608502

Dr. R Balagurunathan
Head
Microbiology
Periyar University Salem
Salem, Salem,Tamilnadu-631561

Dr. Vanaja Kumar
Scientist F & Head
Bacteriology
Satyabhama University
Chetpet, Chennai,Tamilnadu-600031

CO-PI:

Dr. S T Somasundaram
Ass. Professor
Marine Sciences
Annamalai University
Parangipettai, Annamalainagar - 608502,
Tamilnadu

66

23

FILE NO. EMR/2014/000630

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Nov-2015

ORDER

Subject: Financial Sanction of the research project titled "**Steroidal control of vitellogenesis in the freshwater prawn Macrobrachium rosenbergii: lipogenesis and carotenoid metabolism relating to ovarian development and embryogenesis**" under the guidance of Dr. Rajesh Kannan, Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology , Jeppiar Nagar, Rajiv Gandhi Road, Chennai, TAMIL NADU-600119 and by Dr. Thanumalaya Perumal Subramoniam, Senior Scientist, Centre For Climate Change Studies, Sathyabama Institute Of Science And Technology and by Dr. Anandan Dayanandan, Scientist-E. Nanoscience And Nanotechnology, Sathyabama Institute Of Science And Technology - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4166400/- (Rs. Forty One Lakh Sixty Six Thousand Four Hundred Only) with break-up of Rs. *1700000/-* under Capital (Non-recurring) head and Rs.*2466400/-* under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 4166400/- has been approved are given below:

The following budget may be considered for Sathyabama Institute Of Science And Technology, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

S. No	Head	Total (in Rs.)
A	Non-recurring	1700000
1	Equipment	

	-> Gas Chromatography	
A'	*Total (Non-Recurring)*	*1700000*
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1966400
2	Recurring - B : (Overhead Charges)	500000
B'	*Total (Recurring)*	*2466400*
C	**Total cost of the project (A' + B')**	4166400

2. Sanction of the SERB is also accorded to the payment of

- Rs. 1700000/- (Rupees Seventeen Lakh only) under 'Grants for creation of capital assets' and Rs. 850000/- (Rupees Eight Lakh Fifty Thousand only) under 'Grants-in-aid General' to Sathyabama University- Research, Sathyabama Institute Of Science And Technology, Jeppiar Nagar, Rajiv Gandhi Road, Chennai

being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Extra Mural Research Funding (Individual Centric). (Animal Sciences)

4. The Sanction has been issued to Sathyabama Institute Of Science And Technology, Jeppiar Nagar, Rajiv Gandhi Road, Chennai with the approval of the competent authority under delegated powers on **31 October, 2015** and vide Diary No. SERB/F/5925/2015-16 dated 20 **November, 2015**

DST/IS-STAC/CO2-SR-256/15(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi -110 016
Dated: 03.12.2015

ORDER

Sub: Financial assistance for the project entitled "***Assessment of blue carbon stock kin the manngroves ecosystems of Tamilnadu***" to be implemented by Centre for Earth and Atmospheric Sciences, Sathyabama University, Chennai-600 119 (Dr. A. Surendran)

Sanction of the President is herby accorded to the above mentioned project at a **total cost of Rs.30,27,600/- (Rupees thirty lakhs twenty seven thousand and six hundred only)** with a **break up of Rs.4,000/- under capital head and Rs.30,23,600/- under General head for a duration of three years.** The items of expenditure for total allocation of Rs.30,27,600/- is given below:

Head	**1 Yr**	**II Yr**	**III Yr**	**Total**
A. Recurring	**Rupees**			
Junior Research Fellow (JRF) -2 @ Rs.25000/- (plus HRA @30%) for two years; 28000/- (plus HRA @ 30%) for third year	7,80,000	7,80,000	8,73,600	24,33,600
Travel	30,000	35,000	35,000	1,00,000
Contingency	30,000	30,000	30,000	90,000
Consumables:	1,00,000	75,000	75,000	2,50,000
Subtotal :	**9,40,000**	**9,20,000**	**10,13,600**	**28,73,600**
Non-Recurring				
Core cutter	4,000	-----	---	4,000
Subtotal:				
OH	**50,000**	**50,000**	**50,000**	**1,50,000**
Total	**9,94,000**	**9,70,000/-**	**10,63,600**	**30,27,600**

2. Overhead expense is meant for the host institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project.

3. Sanction of the President is also accorded for the payment of **Rs.9,90,000/-** under 'Grants-in-aid (General) to **Registrar, Centre for Earth and Atmospheric Sciences, Sathyabama University, Chennai-600 119** being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

4. This grant is subjected to the terms and conditions as detailed in Annexure-I (enclosed) and also can be downloaded from the website wwe.serc-dst.org.

5. The amount of Rs.9,90,000/- (Rupees nine lakhs ninety thousand only) under 'Grants-in-aid General' will be drawn by the Drawing & Disbursing Officer (DDO), DST and will be disbursed to the "Registrar, Centre for Earth and Atmospheric Sciences, Sathyabama University, Chennai-600 119" by means of RTGS as per bank details given below.

Bank Name	**Indian Bank**
Branch Name	**Sathyabama University, Jeppiaar Nagar, Chennai - 600119**
RTGS/IFSC Code	**IDIB000S201**
Account number	**6089858032**
MICR Code	**600019229**

The expenditure thus incusrred will be debited to the following budget head::

Demand No.86:	Department of Science & Technology
3425	Other Scientific Research (Major Head)
60.	Others: (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
26	Technology Development Program
26.01	Grants-in-aid for Technology Development Program
26.01.31	**Grants-in-aid 2015-16 (Plan)**

7. The sanction is issued under the powers delegated to the Ministries and with the concurrence Dy. No. 4207 of the Integraded Finance Division of the Department of Science & Technology dated 03.12.2015

8. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of DST.

9. As per the GFR 211(i) **"Registrar, Centre for Earth and Atmospheric Sciences, Sathyabama University, Chennai-600 119"** will submit the Utilization Certificatge and Expenditure Statement in the prescribed format to PAO, DST and accounts of the grantee institution will remain open for inspection by sanctioning authority/audit.

10. It is certified that no UCs/SEs from the grantee(s) are pending under this scheme/project.

11. The Institute will maintain separate saving account for the project. The interest thus earned should be reflected in the Statement of Expenditure. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installament of grant.

12. As per GFR-39 the amount released has been entered in Grant Registrar (2015-16) at Serial No.42

(Susheela Negi)
Scientist –D

Copy forwarded to:

1. The Director (CW&MII), AGCR Building, IP Estate, New Delhi – 110 002
2. Head (SPLICE, DST)
3. Section Officer (Cash, 3 copies), DST
4. **Registrar, Centre for Earth and Atmospheric Sciences, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600 119, Tamil Nadu (India).**
5. **Dr. A. Surendran, Registrar, Centre for Earth and Atmospheric Sciences, Sathyabama University, Chennai-600 119**
6. File copy/Sanction Folder, DST.

(Susheela Negi)

MoES/36/OOIS/Extra/39/2014
Government of India
Ministry of Earth Sciences
Prithvi Bhawan, Lodhi Road,
New Delhi – 110003

Dated: 30/10/2015

ADMINISTRATIVE ORDER

Approval of the President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the project entitled "**Land based closed-cycle culture of indigenous sea urchin species and development of post harvest protocols for the preservation of roes**" by **Dr.Radhika Rajasree, (Principal Investigator)** Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai, Tamil Nadu-600 119 at a total cost of **Rs. 54,72,175/-** (Rupees Fifty four lakhs seventy two thousand one hundred seventy five only) for a period of three years (2015-16 to 2017-18) as per details of the project given below:-

2.0 Project Objectives

The main objectives of the project are:

(a) To develop a viable land based closed-cycle culture methodology including hatchery technology, applicable on a commercial scale, for indigenous sea urchin species like Tripneustes gratilla.

(b) To determine optimal conditions of rearing and feeding that can minimize grow out periods.

(c) To develop proper diet strategies that can ensure output of high quality roe in terms of its colour, texture, flavor, yield etc.

(d) To develop optimal harvest and post harvest protocols to ensure storage life and product quality.

2.1 Programmes

Land Based closed-cycle culture of indigenous sea urchin species and development of post harvest protocols for the preservation of roes.

2.2 Implementing Organization

The project will be implemented by Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai, Tamil Nadu-600 119.

2.3 Estimated Project Cost

Total Estimated cost of the project is **Rs. 54, 72,175/-** (Rupees Fifty four lakhs seventy two thousand one hundred seventy five only) for a period of three years (2015-16 to 2017-18). The year wise/item-wise fund requirement is as given below:

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

D K Dalal
Programme Officer (PFRC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085.
Phone: 2225594683
Email: dkdalal@barc.gov.in

No: 39/10/2015-BRNS

Date: 29/07/2015

OFFICE MEMORANDUM

Sub: **R/P entitled "Design of signal analysis techniques for determining the parameters responsible forplasma disruptions in Aditya Tokamak" under Dr. B. Sheela Rani, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai,Chennai- 600119 Tamil Nadu bearing sanction 39/10/2015-BRNS with PFRC, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for the 2 years beginning from financial year 2015-2016 with a total grant of Rs. 9,39,500/- (Rupees nine lakh thirty nine thousand five hundred only) for the project as under :

Item of expenditure	Year 1 (2015-2016)	Year 2 (2016-2017)	Year 3 (2017-2018)
Equipments	0	0	0
Staff Salary - JRF	300000	150000	0
Staff Salary - SRF	0	0	0
Staff Salary - RA	0	0	0
Technical Assistance	0	0	0
Consumables	50000	50000	0
Travel - PI	75000	75000	0
Travel - PC/DC	15000	15000	0
Contingencies	50000	50000	0
Overheads	33000	21750	0
Blank			
Salary Arrears			
Incentive to the Awardee			
Total(INR)	523000	361750	0

Note: *
JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.
Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 54,750/-) shall be released only on meeting the requirements specified (See Annex-B).

2. I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 5,23,000/-** towards grant for the year 2015-2016 .

3. The expenditure involved is debitable to:

Grant No.	- 04	Atomic Energy	Major Head	- 3401	Atomic Energy Research
Minor Head	- 00 004	Research & Development	Detailed Head	- 08 0231	Grant-in-aid

Sub Head - 08 02 Board of Research in Nuclear Sciences (BRNS)

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Dalal

D K Dalal

Pay & Accounts Officer, DAE, Mumbai- 400001

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. The Registrar, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu.
4. Principal Investigator(PI): Dr. B. Sheela Rani, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu.

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 6089858032, A/C Name: sathyabama university-Research, IFSC: IDIB000S201, Indian Bank, Sathyabama University Branch, Jeppiaar nagar, Chennai .

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer PFRC:

a) Claim in Form-II quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.

e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.

f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at www.daebrns.gov.in. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer PFRC, BRNS Secretariat, First FLoor, Central Complex, BARC, Trombay, Mumbai-400 085:

a) Claim in Form-II quoting reference of the renewal sanction.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

a) Claim Form-II if any,

b) The final Consolidated Statement of Accounts and Consolidated Utilization Certificate duly audited by a Chartered Accountant or the Statutory (Govt.) Auditor.

c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Bills II), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (PFRC) : Dr. Ravi A. V. Kumar, ravi@ipr.res.in; Ph:9825366039
7. Co-Investigator (CI) : Dr. N M Nandhitha, Prof. & Head (Research), Faculty of Electrical and Electronics Engineering, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu email: nandhi_n_m@yahoo.com
8. Principal Collaborator PC : Mr. Rakesh Kumar L. Tanna, Scientist & Section Head, Aditya Tokamak Operation Group, Institute for Plasma Research, Near Indira Bridge, Bhat, Gandhinagar- 382428 email: rakesh@ipr.res.in

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.

D K Dalal

Note:

1. Please quote the Sanction Number 39/10/2015-BRNS in all your correspondence with BRNS
2. In case if you do not receive payment within a month period then please contact AAO (Bills II),DAE on 022-22862711.
3. WEB-BASED PROCESSING of funding requests pertaining to new/renewal/terminal/extension of research projects has been initiated through the BRNS web portal at www.daebrns.gov.in. You are requested to register with this website and upload renewal/extension forms and update the financial documents (SA,UC). You would be able to download sanction letters from the website also, besides getting real-time update of your project after login. Those who have already been registered by BRNS Secretariat, they may kindly update their profile, as some of the data has been filled arbitrarily. All the forms mentioned in the sanction letter and the terms & conditions are also available on the website. Kindly update Statement of Accounts, and details of Equipment and staff details in your accounts in the available menu.

(6)

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

BRNS Secretariat, 1st Floor, CC, BARC, Trombay,
Mumbai-400085. Phone: +91-2225594683
Email: dkdalal@barc.gov.in

ne Officer (PFRC)

/2015-BRNS/34254

Date: 01/09/2016

OFFICE MEMORANDUM

evalidation of R/P entitled "Design of signal analysis techniques for determining the parameters esponsible for plasma disruptions in Aditya Tokamak" under Dr. B. Sheela Rani, Sathyabama niversity, Jeppiaar Nagar,Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu bearing sanction 9/10/2015-BRNS with PFRC, BRNS.

In continuation of this Department's OM 39/10/2015-BRNS/3362 dated 23/03/2016, on the recommendations of theBoard of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval andsanction of the President of India to revalidate the sanction of **Rs. 5,23,000/- (Rupees five lakh twenty three thousand only)** from the year **2015-2016 to 2016-2017**.

he other Terms and Conditions of the sanction letter of even number dated 23/03/2016 will remain unchanged. his issues with the concurrence of Scientific Secretary, BRNS and IFA.

Programme Officer

Ac nts Officer, DAE, Mumbai - 400 001.

forwarded to:

Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001
Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
The Registrar, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu.
Principal Investigator(PI): Dr. B. Sheela Rani, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu.
AAO (Cheques II), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001
Member Secretary (PFRC) : Dr. Ravi A. V. Kumar, ravi@ipr.res.in; Ph:+91-9825366039
Co-Investigator (CI) : Dr. N M Nandhitha, Prof. & Head (Research), Faculty of Electrical and Electronics Engineering, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119 Tamil Nadu email: nandhi_n_m@yahoo.com
Principal Collaborator(PC) : Mr. Rakesh Kumar L. Tanna, Scientist & Section Head, Aditya Tokamak Operation Group, Institute for Plasma Research, Near Indira Bridge, Bhat, Gandhinagar- 382428 email: rakesh@ipr.res.in

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Sangeeta
SO(H), P&CD, BARC
Programme Officer, BRNS
sangita@barc.gov.in

BRNS Secretariat, 1st Floor, CC
BARC, Mumbai-400 085
Phone: 25595179
FAX: 022-25505151

No.37(1)/14/14/2014-BRNS/ 0383 Date: 23 MAY 2014

OFFICE MEMORANDUM

Sub: R/P entitled "Biological evaluation of functionalized gold nanoparticles as potent anti-diabetic agent in regulating glucose transport using in vitro model" under Dr.K.Govindaraju, Scientist C, Centre for Research (COR, R&D) Sathyabama University, Chennai-600 119; bearing sanction No.37(1)/14/14/2014-BRNS with BSC, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for three years beginning from financial year 2014-15 with a total grant of ₹17,23,000/-(Rupees Seventeen lakh twenty three thousand only) for the project as under:

Item of Expenditure	I year (2014-2015)	II year (2015-2016)	III year (2016-2017)
#JRF/SRF	192000	192000	216000
Consumables	300000	250000	250000
Travel	20000	0	0
Contingency	30000	30000	30000
^Overheads	38400	33150	34950
Total	**580400**	505150	530950

\# JRF/SRF salary calculated @ Rs.16,000/- p.m. for first two years and on re-designation by Committee in 3rd year as SRF @ Rs.18,000/- p.m.

^ Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (₹1,06,500/-) shall be released only on meeting the requirements specified **(See Annex-B).**

2. I am also pleased to convey the sanction of the President of India to incur an expenditure of ₹5,80,400/- towards grant for the year 2014-15.

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3. The expenditure involved is debitable to:

Grant No.	-	04	Atomic Energy
Major Head	-	3401	Atomic Energy Research
Minor Head	-	00 004	Research & Development
Sub Head	-	08 02	Board of Research in Nuclear Sciences (BRNS)
Detailed Head	-	08 0231	Grant-in-aid

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Sd/-
(Sangeeta)

Pay & Accounts Officer,
Department of Atomic Energy,
Anushakti Bhavan,
CSM Marg, Mumbai - 400 001.

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भारत सरकार
अन्तरिक्ष विभाग
विक्रम साराभाई अन्तरिक्ष केन्द्र
तिरुवनन्तपुरम - 695 022, भारत
दूरभाष : 0471 - 2562444 / 2562555
फैक्स : 0471 - 2705345

Government of India
Department of Space
Vikram Sarabhai Space Centre
Thiruvananthapuram - 695 022, India
Telephone : 0471-2562444 / 2562555
Fax : 0471-2705345

RESPOND OFFICE
PPEG/MSA

S. Sridharan
RESPOND Co-ordinator

Tele:0471 - 2564620
Fax: 0471 - 2564107
e-mail:<respond@vssc.gov.in>

NO:VSSC:RO:682:2014

30, June, 2014

Sub: Sponsored Research (RESPOND) Project titled " Development of thermal barrier coatings by electron beam physical vapor deposition"

Ref : Project sanction letter dated June 5th 2014 from ISRO Head Quarters, Bangalore

Dear Sir,

I am glad to inform that the above project proposal submitted by you has been approved for funding, as a RESPOND project to be carried out in association with VSSC, Thiruvananthapuram

I am sure that as Principal Investigator (PI), you would take all necessary steps to start this project including recruitment of project staff. **Kindly inform the undersigned about the date of commencement of the project/date of joining of project staff.**

I would like to request you to kindly adhere to project schedules and budget expenditure as per above approval. You are free to contact the RESPOND Co-ordinator, when required during the course of the project, for a smooth flow of project activities.

Wishing all the best for the successful completion.

With warm regards,

(S. Sridharan)
RESPOND Co-ordinator

एस. श्रीधरन /S. Sridharan
रेस्पोंड समन्वयक, वीएसएससी
RESPOND Co-ordinator, VSSC
इसरो, अंतरिक्ष विभाग, भारत सरकार
ISRO, Dept. of Space, Govt. of India
तिरुवनन्तपुरम/ Thiruvananthapuram-695 022

To :

Dr. TS Shyju
Scientist, Centre for Nanoscience and Nanotechnology
Sathyabhama University
Rajiv Gandhi Road, Jeppiaar Nagar
Chennai – 600 119.

2017 (72)

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Sangeeta
SO(H), P&CD, BARC and
Programme Officer, BRNS
sangita@barc.gov.in

BRNS Secretariat, 1st Floor, CC
BARC, Mumbai-400 085
Phone: 25595179
FAX: 022-25505151

No.2013/37P/65/BRNS/0089-7

Date: 11 APR 2014

OFFICE MEMORANDUM

Sub: R/P entitled "Development of Diffusion Barrier Coatings of YSZ/Ni-YSZ on Ni-Based superalloy by Electron Beam Evaporation for Applications in Nuclear Waste Processing." under Dr. P. Kuppusami, Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119 bearing sanction No.**2013/37P/65/BRNS** with **BSC**, BRNS

In continuation of this Department's sanction letter of even number dated **24.12.2013**, on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India for the continuance of the captioned research project during **2014-15** and to **revalidate** the said sanction for ₹12,20,075/- **(Rupees Twelve lakh twenty thousand and seventy five only)** for the year **2013-14 to 2014-15.**

The other terms and conditions of the sanction letter of even number dated **24.12.2013** will remain unchanged.

This issues with the concurrence of Scientific Secretary, BRNS as well as IFA.

(Sangeeta)

Pay & Accounts Officer,
DAE,Mumbai - 400 001.

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai - 400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Registrar, Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119
4. Dr. P. Kuppusami, Centre for Nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119.
5. AAO (Bills II), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001.
6. Member Secretary (BSC): Dr. A. V. R. Reddy, Head, ACD, BARC, Mumbai-400 085.
7. Secretary (Physics): Dr. N.K. Sahoo, Head, Applied Spectroscopy Division, BARC, Mumbai.
8. CI: Dr. T.S. Shyju, C.N.N., Sathyabama University, Chennai – 600 119
9. PC: Dr. Sitaram Dash, Head, Thin Films and Coating Section, S.& N.Divn., IGCAR – 603102.

NO. SB/YS/LS-101/2014

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 12 March, 2015

ORDER

Subject: Financial Sanction of the research project titled "Screening and molecular characterization of Flk-1 inhibitor(s) from marine sponge symbionts and real time molecular imaging studies" under the guidance of **Dr. A. Madan Kumar, Molecular & Nanomedicine Reserach Unit, Centre for Nanoscience & Nanotechnology, Sathyabama University, Jeppiaar Nagar, Chennai-600119, Tamil Nadu.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 25,00,000/-(Rs.Twenty Five Lakh Only)** with break-up of **Rs. 9,00,000/- under Non-Recurring** and **Rs. 16,00,000/- under Recurring** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 25,00,000/-** has been approved for a period of **three** years, are given below:

Sl. No	Head	Total(in Rs.) for 3 years
A	**Non-Recurring**	
1	Equipment Cell Imaging System	9,00,000
A'	Total (Non-recurring)	*9,00,000*
B	**Recurring**	
1	Recurring-A (Manpower, Consumables, Travel, Contingencies (includes Analytical Charges))	13,00000
2	Recurring- B (Overhead Charges)	3,00,000
B'	Total (Recurring)	*16,00,000*
C	**Total cost of the project (A' + B') for 3 years**	25,00,000

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 9,00,000/- (Rs.Nine Lakh Only)** under **'Non-Recurring'** and **Rs. 5,00,000/- (Rs.Five Lakh Only)** under 'Recurring' to the **SATHYABAMA UNIVERSITY** being the grant for the year **2014-15** for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is made under Start-Up Research Grant (Young Scientists)- Life Sciences.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.**SERB/F/8332/2014-15 dated 12.03.2015.**

5. Sanction of the grant is subject to the conditions as detailed in guidelines available at www.serb.gov.in.

6.Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

Contd...2/-

10. The total release amount of **Rs. 14,00,000/- (Rs.Fourteen Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

Account Name	Registrar
Account Number	482965061
Bank Name & Branch	Indian Bank, Sathyabama University Branch, Sollinganalloor, Chennai
IFSC/RTGS Code	IDIB000S201

11. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a separate bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. The project File no. **SB/YS/LS-101/2014** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15.As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

Gauz
(Jacob V.V.)
Scientist-D

To,

Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2	Sanction Folder, SERB, New Delhi.
3	File Copy
4	Dr. A. Madan Kumar Molecular & Nanomedicine Reserach Unit Centre for Nanoscience & Nanotechnology Sathyabama University Jeppiaar Nagar, Chennai-600119, Tamil Nadu Email : madankumarbio@gmail.com, madankumarbio@yahoo.com (The grant transfer details along with Bank/RTGS transaction no. will be intimated to the above email. Start date of the project may be intimated by name to the undersigned. Please visit website www.serb.gov.in for all formats and guidelines etc.)
5	Registrar Sathyabama University Jeppiaar Nagar, Rajiv Gandhi Salai Chennai-600119 (Receipt of Grant may be intimated by name to the undersigned.)

Gauz
(Jacob V.V.)

No. BT/Bio-CARe/04/10082/2013-14
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Molecular studies on the ß- amyloid plaque inhibiting molecule(s) of Marine sponge Symbionts in Zebrafish (Danio rerio) model**" for a period of 3 Year 0 Month at a total cost of Rs. **2798000** (Rupees Twenty Seven Lakhs Ninety Eight Thousand Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Molecular studies on the ß- amyloid plaque inhibiting molecule(s) of Marine sponge Symbionts in Zebrafish (Danio rerio) model"**

2.2 Details of the Investigatiors:

Ms. Kalaiarasi S
PI
Centre for NanoScience &
Nanotechnology
Satyabhama University
Door no. 8, 3A/942, I floor,

Mentor:

Dr. Rajesh Kannan
Scientist D
Centre for Nanoscience and Nanotechnology
Satyabhama University
Centre for Nanoscience & Nanotechnology,
Sathyabama University,
Jeppiaar Nagar,
Chennai - 600 119, Chennai - 600119,
Tamilnadu

2.3 Objectives:

Institute wise Objectives:

1. Screening and in vitro analysis of the acetylcholine esterase inhibitor or neuroactive molecules against ß- amyloid protein or precursor protein.
2. Purification and structural characterization of acetylcholine esterase inhibitor from Marine symbiotic Microbes
3. Establishment of ß- amyloid plaque in embryonic and adult zebrafish brain cells (Glial cells or neurons)
4. In vivo studies on lytic properties of ß- amyloid plaques and real time imaging studies in zebrafish
5. Expression profiling, Quantification & Imaging of the ß- amyloid protein and precursor protein after the treatment in zebrafish embryos

Ms. S. Kalaiarasi
DBT - Bio-CARe Project Principal Investigator

Dr. S. Rajesh Kannan

Dr. S. Rajesh Kannan
REGISTRAR
SATHYABAMA UNIVERSITY
JEPPIAAR NAGAR
RAJIV GANDHI SALAI
CHENNAI - 600 119.

SATHYABAMA UNIVERSITY,
Jeppiaar Nagar,
Rajiv Gandhi Road,
Chennai - 600 119.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **2798000**/-(Rupees Twenty Seven Lakhs Ninety Eight Thousand Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Satyabhama University	1426000	736000	636000	**2798000**
Total (Rs.)	**1426000**	**736000**	**636000**	**2798000**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	690000.00			**690000.00**
Manpower	516000.00	516000.00	516000.00	**1548000.00**
Travel	15000.00	15000.00	15000.00	**45000.00**
Consumables	200000.00	200000.00	100000.00	**500000.00**
Contingency	5000.00	5000.00	5000.00	**15000.00**
Total (Rs.)	**1426000.00**	**736000.00**	**636000.00**	**2798000.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2014-2015
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.17	Human Resource Development
3425.60.200.17.08	Human Resource Development Programmes
3425.60.200.17.08.35	Grants for creation of Capital Assets

The **Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2014-2015
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.17	Human Resource Development
3425.60.200.17.08	Human Resource Development Programmes
3425.60.200.17.08.31	Grant-in-Aid General

Ms. S. KRISHNAVENI
Principal Investigator

Dr. R. PRASEK KANNAN

SATHYABAMA UNIVERSITY
Jeppiaar Nagar,
Rajiv Gandhi Road
Chennai - 600 119.

DR. S. SUSILA
REGISTRAR
SATHYABAMA UNIVERSITY
JEPPIAR NAGAR
RAJIV GANDHI SALAI
CHENNAI - 600 119.

4. Terms & Conditions:

Considering the time bound nature of the project, the project will be monitored by the Task Force / Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-V.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Registrar, Satyabhama University, Chennai, Tamilnadu would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.20020/11/97-IFD dated 31st March, 2010. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

9. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/3352/2014-2015** dated **November, 17 2014.**

10. This sanction order has been noted at serial no._____ in the Register of Grants.

Dr. Renu Swarup
(Sr. Adviser/Scientist 'H')

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

R. Rajesh

Dr. R. Rajesh Kannan

Ms. S. Kalaiarasi
DBT- Biocare Principal Investigator

SATHYABAMA UNIVERSITY,
Jeppiaar Nagar,
Rajiv Gandhi Road,
Chennai - 600 119.

Dr. S.S.RAU
REGISTRAR
SATHYABAMA UNIVERSITY
JEPPIAR NAGAR
RAJIV GANDHI SALAI
CHENNAI - 600 119.

2011 - 6

Government of India
Ministry of Human Resource Development
Department of Higher Education
Technical Section VII
****

Shastri Bhawan, New Delhi,
dated 24th September, 2014

To

Dr. T. Sivarobia Professor & Dean,
Sathyabama University,
Jeppiaar Nagar,
Rajiv Gandhi Road,
Chennai – 600119.

Sub: Establishment of Centre of Excellence under the scheme FAST.

Sir,

I am directed to say that Sathyabama University is selected under the grade 'A' for the scheme FAST. The total allocation of grant for grade 'A' institution / university will be ₹ 2.50 crore for the entire scheme period. Expenditure over and above the said allocation are required to be met by the institution / university itself.

2. An amount of ₹ 1.30 crore has been released as 1st instalment of grant to all the 20 institutions selected in 2nd round of selection to initiate the activities. The sanction orders have been duly forwarded to each of the respective institution / university.

3. The release of further grant will depend on the expenditure by the institute, proof of the CoE and request of requirement submitted by the respective institution/ university.

5. Accordingly, you are requested to take necessary action keeping in view the sanction letters and MoU.

Yours faithfully,

(Tripti Gupta)
Director (TS)