

MoES/16/09/2018-RDEAS/THUMP-5
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003
Dated: 01.02.2023

ADMINISTRATIVE ORDER

- Subject:** Project entitled **"Prediction and Analysis of Mesoscale Thunderstorm in India – A Computational Approach"**.
- PI:** **Dr. P. Sardar Maran**, Department of Computer Science & Engineering, Sathyabama Institute of Science and Technology Jeppiar Nagar, Rajiv Gandhi Road Chennai, Tamil Nadu- 600119
- Co-PI:** **Dr. B. Prabhu Dass Batvari**, Centre for Earth & Atmospheric Sciences, Sathyabama Institute of Science and Technology Jeppiar Nagar, Rajiv Gandhi Road Chennai, Tamil Nadu- 600119
- Co-PI:** **Dr. L. Lakshmanan**, Department of Computer Science & Engineering, Sathyabama Institute of Science and Technology Jeppiar Nagar, Rajiv Gandhi Road Chennai, Tamil Nadu- 600119

Sanction of the Competent authority is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the above-mentioned project at an estimated cost of **Rs. 20,73,280/- (Rupees twenty lakhs seventy three thousand and two hundred eighty only)** Sathyabama Institute of Science and Technology for a period of three years (2022-23 to 2024-25).

2.0 Objectives:

- Understand the genesis, development and propagation of severe Thunderstorms over Tamil Nadu.
- To develop Mesoscale Thunderstorm prediction model with various computational methods and techniques.
- Evaluate the performance of computational models for the thunderstorm prediction over Tamil nadu and find out suitable model

.2.1 Programme:

In general, climate prediction is highly non-linear phenomena in nature. The parameters that are required to predict the thunderstorms are enormously complex and the prediction using all these parameters is enormous even for a short period. Soft computing is an innovative approach to construct computationally intelligent systems that are supposed to possess humanlike expertise within a specific domain, adapt themselves and learn to do better in changing environments, and explain how they make decisions. In that manner ANFIS processing is a good solution from radar images to predict the accurate models. I have gone through many literatures, this hybrid technology of both NWP and Doppler images data cannot be used anywhere also the anti noise reduction technique is a new era before prediction of thunderstorm using Doppler images.

The prediction model will able to ingest Doppler radar, Satellite data using various soft computing tools and techniques (ANFIS, Machine language, 2nd Generation wavelet neural network and Image processing). The proposed mesoscale thunderstorm model will identify when and where the severe thunderstorm will occur in. This alert will be of much use to the society to save life and property.


1/2/2023

2.2 Implementing Organization:

Sathyabama Institute of Science and Technology would be implementing this project.

2.3 Estimated Project Cost:-

Total estimated cost of the project for three years is **Rs. 20,73,280/- (Rupees twenty lakhs seventy three thousand two hundred eighty only)** The year\wise / item-wise fund requirement is given below

S. No.	Item	1 st year 2022-23	2 nd year 2023-24	3 rd year 2024-25	Total
A.	Recurring				
1.	Salaries/wages One JRF/SRF@ Rs. 31,000/- p.m. for first two years + HRA 27% Rs. 35,000/-p.m. for third year + HRA 27%	4,72,440/-	4,72,440/-	5,33,400/-	14,78,280/-
2.	Consumables	10,000/-	15,000/-	15,000/-	40,000/-
3.	Travel	15,000/-	30,000/-	30,000/-	75,000/-
4.	Contingencies	10,000/-	10,000/-	10,000/-	30,000/-
A.	Total Recurring	5,07,440/-	5,27,440/-	5,88,400/-	16,23,280/-
B.	Overhead charges (10%) of Recurring	50,000/-	50,000/-	50,000/-	1,50,000/-
	Non-Recurring				
	Equipment Higher end System with Printer & UPS Data Products	2,00,000/- 1,00,000/-	-	-	2,00,000/- 1,00,000/-
C.	Total Non-Recurring	3,00,000/-	-	-	3,00,000/-
	Grand Total (A+B+C)	8,57,440/-	5,77,440/-	6,38,400/-	20,73,280/-

2.4 Time Schedule: 3 years (2022-23 to 2024-25)

2.5 Description and proposed programme to be implemented by:

This project will be implemented by the PI as per the details given in Annexure-I.

3.0 The proposed expenditure will be debited under the following budget head:

- 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
- 52.00.35 - Grants for creation of Capital Assets

M Daniel
1/2/2023

4.0 Other Terms & Conditions:

- Allocation of budget is tentative and subject to changes after review of progress, both physical and financial as recommended by the Committee of Experts.
- This sanction is subject to the condition that the grantee organization will furnish to the Ministry of Earth Sciences year wise Utilization Certificated (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure along with update progress report (Vis-à-vis Target Vs-Achievement) at the end of each Financial year. 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.
- 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 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.
- If the grantee 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.
- The Grant-in-Aid being released is subject to the condition that: -
 - A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be allowed by the Institute/Organization under appropriate rule 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.
 - While submitting Utilization Certificated /Statement of Expenditure the organization has to 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.
- MoES reserves sole rights on 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 MoES.
- 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 GFR. The ownership in the physical and intellectual assets created or acquired out of MoES funds shall vest in MoES.
- All equipments / assets procured out of MoES grant shall be maintained by the grantee institute and will be available for use by other researchers.
- All equipments / assets procured from MoES funded shall be maintained in the stock register of the grantee institute and should not treat such assets as their own assets in their Book of Accounts but should disclose their holding and using such assets 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.

M Daniel
11/2/2023



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai – 600 025.
Ph : 044-22301428, www.tanscst.nic.in

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

Lr.No.TNSCST/SPS/BS/2022-2023

27.02.2023

To
The Registrar
Sathyabama Institute of Science and Technology,
Chennai - 600 119
Sir/Madam,

Sub: TNSCST – Student Project Scheme – 2022-2023 – approval intimation–grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper on Time.

1.	Dr.R.Subashini, Head, Department of CSE, Sathyabama Institute of Science and Technology, Chennai - 600 119	Interactive computer game for autistic children	Evangelin,	CSE-1345	The Registrar	Rs 7500/-
2.	Karthikeyan K V, Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai – 600 119	Development of temperature and power failure event monitoting system for hospital cold storages using IoT and cloud	V.Yeshwanth,	EEE-1565	The Registrar	Rs 7500/-
3.	Dr.K.Manigundan, Scientist- C, Department of Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai-600 119	Characterization of saline tolerant multifunctional bacterial strains isolated from Southern Ocean for plant growth promotion on rice crops	Archana Jeevan,	AS-621	The Registrar	Rs 7500/-
4.	Dr.M.Sangeetha, Associate Professor, Department of Mechatronics, Sathyabama Institute of Science and Technology, Chennai-600 119	Modelling of tethered UAV system for coconut/ ice apple harvesting	R. Kaushik, Pugazh Sivakumar,	EME-0639	The Registrar	Rs 7500/-
5.	Dr.Karthikeyan Jayabalan, Professor and Head, Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai- 600 119	Design & Synthesis of Photoprotective Compounds	Arul Blesson. A, Mouliraj. S, Santhosh. S,	PS-372	The Registrar	Rs 7500/-
Total						Rs 37500/-

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest

Kindly send the utilisation certificate (format enclosed) and seminar paper (Ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,

3/3/23
Member Secretary.

Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs.37500/- Cheque No: 574991 dt.03.03.2023

Copy to: Individual Guides

Dated: 25 May, 2022

F. No.10-155/AICTE/IDC/SPICES/2021-22

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) - Offer Letter

To

The Registrar / Director / Principal,
Sathyabama Institute Of Science And
Technology, Jeppiaar Nagar, Rajiv
Gandhi Salai, Chennai, 600119, Tamil
Nadu.
[PID: 1-3672332485]

Subject: Offer of the Financial Assistance under the **Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES)** for the Financial Year 2022-23 - reg.

Sir/Madam,

All India Council for Technical Education is pleased to grant approval of the financial assistance towards a project sanctioned under the **Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES)** for the Financial Year 2022-23 on reimbursement basis. The purpose of this offer is to energize and position one of the **club/chapter/society** (hereinafter referred to as 'Club') as facilitating entity for pursuit of individual's interests, creativity work, showcasing talent, networking and teamwork opportunities, social experience; organization and management skills, exposure to professional ethics, etc.

Following are the details of the project;

1.	Name & address of the beneficiary institute:	Sathyabama Institute Of Science And Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, 600119, Tamil Nadu
2.	Permanent ID of institute:	1-3672332485
3.	Name of the Club:	Innovation Club
4.	Name of the Coordinator:	Dr. VENKATA JAYAKRISHNA KISHOR
5.	Name of Co-coordinator:	ARUNAKIRI SIVASANGARI
6.	Maximum financial assistance offered:	Rs.1,00,000/- (Rupees One lakh only)
7.	Offer of financial assistance is debitable to:	Major Head 602.22 (a) General (Non-Plan Head)

The said offer is as per the norms and guidelines of the scheme as well as subject to the following terms and conditions: -

I. Release of funds and maintenance of the accounts

- The amount will be reimbursed on receipt of requisite documents after completion of 1 year of project.
- This offer is issued in exercise of the powers delegated to the Council and other Terms and Conditions laid down in the guidelines of the scheme.

II. Limit of Funding

- The grant from AICTE will be **Rs. 1 Lakh (one time grant to one institute)** for developing a students' club.
- The grant from AICTE will be **Rs. 1,00,000/- (Rupees One lakh only)** and the institute is required to make a contribution of **Rs.(200001 to 300000)** to the club (as committed by the institute in the proposal), non-compliance of which shall invite penal action.

AQIS ID: 1-11095928001

III. Utilization of funds

- a. Funds sanctioned for supporting the particular student club cannot be utilized for any other programme/ student club.
- b. Only students on roll in the institute shall be the member of the club.
- c. The grant can be utilized for supporting a range of student activities (viz. developing Interests/Hobbies, Creativity/ Imagination/ Innovation and Ethics/ Values) and meeting the cost of registration and travel of students of the beneficiary club for participating in outstation activities (up to 40% of the total grant) **but cannot be used for procurement of hardware & software.**
- d. Ex-students and ex- faculty members and other officials of the institute shall not be the member of club.
- e. The clubs must be encouraged to reach out alumni and industries for fund-raising for their events.
- f. Coordinator must maintain an electronic record of activities, participants etc. and update same on the SPICES Review Portal.
- g. **No payment is permissible against the activities already conducted by the club (i.e. before receipt of this offer letter).**

III. Disbursement of funds to the institution

- a. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education and shall be disbursed to and credited to the Registrar/Director/Principal of the institute through RTGS.
- b. Grant will be released in conformity with the Terms & Conditions as well as norms of the scheme as already communicated and also being communicated in this letter.
- c. The sanctioned amount is debit to the Non-Plan Head of the Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES).
- d. The admissibility of claim will be calculated as per the norms of AICTE only. **If the expenditure incurred is less than the amount offered, the reimbursement will be limited to the actual expenditure amount.**

IV. Documents to be uploaded on SPICES Review Portal

- a. **On receipt of offer:**
Institute must upload the Acceptance Letter within 7 days from the date of receipt of the offer letter duly signed and seal affixed by Coordinator and Head of the Institutions on the SPICES Review Portal.
- b. **After completion of every activity/ events:**
 - i. Upload the list of activities /events /participation date-wise brief description, achievement and 4-5 pictures on the SPICES Review Portal.
- c. **After completion of project:**
Institute has to fill up Report on SPICES Review portal and upload following documents:
 - i. Photographs showing various activities, events organized by club.
 - ii. Feedback from members of the club.
 - iii. Identify 2 other clubs which the institution proposes to develop on the lines of club benefited under SPICES.

V. Submission of documents by institute for project closure (after 1 year)

The following documents must be submitted to AICTE within a period of one month from the date of completion of project for reimbursement of the grant:

- a. Statement of Expenditure in prescribed format duly audited by the Chartered Accountant in the case of a private institution and by the Finance Officer/Account Officer in case of government/government-aided institution.
- b. Supporting bills/documents on account of expenses incurred for the purpose duly attested by the Head of the Institute.
- c. Soft copy of final report submitted on portal as mentioned above (in section VII).
- d. e-Payment details/ Mandate form in the prescribed proforma is to be uploaded on the SPICES portal.

VI. General instructions

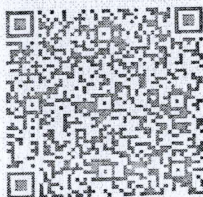
- a. Change of Coordinator name, should be effected only after prior approval of the Council, failing which the offer would be treated as automatically withdrawn.
- b. The assets acquired wholly or substantially of the All India Council for Technical Education's grants shall not be disposed or encumbered or utilized for the purposes other than those for which it was given without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.
- c. **The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/ support from AICTE, carrying the Logo of AICTE and SPICES name in events and other means.**
- d. The beneficiary 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 while spending for the event.
- e. **The beneficiary institute must create and maintain separate webpage for the Students' Club highlighting all the activities/ events being organized.**
- f. The institute shall strictly follow the provisions laid down in the scheme document and of this offer letter. All correspondence related to the SPICES scheme must contain the number of this letter, failing which correspondence will not be entertained.

Yours sincerely,

(Dr. Neeraj Saxena)
Adviser (IDC)

Copy forwarded for information and necessary action to:

1. **The Registrar/ Director/ Principal,**
Sathyabama Institute Of Science And Technology,
Chennai, Tamil Nadu.
2. **Dr. VENKATA JAYAKRISHNA KISHOR,**
Sathyabama Institute Of Science And Technology,
Chennai, Tamil Nadu.
3. **Guard File.**
4. **QR Code for Review Portal Manual and Scheme Guidelines:**





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

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

2021-22

21

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/-

Amita
22/10/21

29-
8654360202
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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.

Anil
24/10/21

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.

Handwritten signature
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



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

SERB-Notification

1 message

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

Thu, Dec 2, 2021 at 3:29 PM



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 intended recipient(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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தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai – 600 025.
Ph : 044-22301428, www.tanscst.nic.in

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

Lr.No.TNSCST/SPS/BS/2022-2023

27.02.2023

To
The Registrar
Sathyabama Institute of Science and Technology,
Chennai - 600 119
Sir/Madam,

Sub: TNSCST – Student Project Scheme – 2022-2023 – approval intimation–grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper on Time.

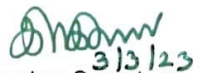
1.	Dr.R.Subashini, Head, Department of CSE, Sathyabama Institute of Science and Technology, Chennai - 600 119	Interactive computer game for autistic children	Evangelin,	CSE-1345	The Registrar	Rs 7500/-
2.	Karthikeyan K V, Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai – 600 119	Development of temperature and power failure event monitoting system for hospital cold storages using IoT and cloud	V.Yeshwanth,	EEE-1565	The Registrar	Rs 7500/-
3.	Dr.K.Manigundan, Scientist- C, Department of Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai-600 119	Characterization of saline tolerant multifunctional bacterial strains isolated from Southern Ocean for plant growth promotion on rice crops	Archana Jeevan,	AS-621	The Registrar	Rs 7500/-
4.	Dr.M.Sangeetha, Associate Professor, Department of Mechatronics, Sathyabama Institute of Science and Technology, Chennai-600 119	Modelling of tethered UAV system for coconut/ ice apple harvesting	R. Kaushik, Pugazh Sivakumar,	EME-0639	The Registrar	Rs 7500/-
5.	Dr.Karthikeyan Jayabalan, Professor and Head, Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai- 600 119	Design & Synthesis of Photoprotective Compounds	Arul Blesson. A, Mouliraj. S, Santhosh. S,	PS-372	The Registrar	Rs 7500/-
Total						Rs 37500/-

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest

Kindly send the utilisation certificate (format enclosed) and seminar paper (Ref.T&C-no.5&6) on completion of the project.

Thanking you,

Yours faithfully,


3/3/23
Member Secretary.

Encl: a) Terms & Conditions (T&C)
b) Format of Utilisation Certificate (UC)
c) Cheque for Rs.37500/- Cheque No: 574991 dt.03.03.2023

Copy to: Individual Guides

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DOTe campus, Chennai-600 025

STUDENT PROJECT SCHEME 2022-2023

Terms and Conditions for the granted SPS projects

1. Every sanctioned project will be given a Project code Number. Please refer to this number while corresponding with TNSCST.
2. The project team **SHOULD NOT** change the topic of the project and should not deviate from the objectives of the sanctioned proposal. In the event of any such changes, sponsoring will be treated as canceled and the college should return the sanctioned amount to TNSCST.
3. The sanctioned projects should be completed and the reports should be submitted before the end of **MAY 2023**.
4. On completion of the project, a soft copy (CD) of the final project report and **TWO** copies of 2-3 page seminar paper (500 words-MS Word format), utilization certificate (UC) and statement of expenditure (SE) should be sent to **The Member Secretary, Tamilnadu State Council For Science and Technology, DOTe Campus, CHENNAI-600 025**.
5. The seminar paper will be included in the form of PROCEEDINGS which will be brought out during the Seminar cum Exhibition, only for those who submit the **UC & SE**.
6. The Utilization Certificate and Statement of Expenditure should be countersigned by the GUIDE, HOD and Principal/Registrar with an official **seal** as the case may be.
7. The guides are responsible for the timely submission of SEMINAR PAPER, UC and SE.
8. It is mandatory for the project team (**anyone student**) should present and exhibit the findings before the experts in the Seminar cum Exhibition which will be organized during **JULY / AUGUST 2023**.
9. During the Seminar cum Exhibition, "the best project award and certificate" will be presented to the outstanding projects and completion certificates to all.



Dr. M.A. Paul

Assoc. Director, RESPOND& AI

CBPO

☎: 080-23415269/22172269

FAX-080-23412471

respond@isro.gov.in

No. ISRO/RES/3/932/22-23

March 23, 2023

Dear Dr. Subhenjit Hazra,

Subject: RESPOND Project - "RES-LPSC-2022-006: **Development of "DMAZ" fuel that is hyperbolic with hydrogen peroxide**" - 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 One year six months at a total outlay of ₹16,83,660/- (Rupees Sixteen Lakh, Eighty Three Thousand Six Hundred and Sixty only) towards meeting the expenditure of the project (budget details enclosed).
2. Release of a grant of ₹8,77,440/- (Rupees Eight Lakh Seventy Seven Thousand Four Hundred and Forty only) as first instalment towards meeting the First Year expenditure of the project.

You may kindly note that the above grant is only One fourth of the total grants (Excluding fellowship and consumables grant) to be released during first year of the project. You may kindly submit the Statement of Expenditure after the utilization of the amount released in the enclosed format. Based on the Fund status as per the Statement of Expenditure submitted by you, the grants for the next instalment will be released.

You may also note that, as per the latest guidelines issued by DOS vide order No.DS_2B-13/1/2017-Sec. 2 dated June 20, 2022 regarding release of GIA to Institutions/Universities, the grants for "Contingencies" and "Overhead charges" will be released only after completion of the project.

You may also kindly make a note of the point No. 6 in the enclosed DOS order regarding EAT Module in the PFMS portal.

Further, 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 Shreejith TV, 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 Shri Shreejith TV, 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).

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 send the details of PA-I after appointment.

Kindly follow the guidelines regarding starting date of the project, appointment of the Research Fellow, procurement of equipment, milestones etc as mentioned in the attached DOS order.

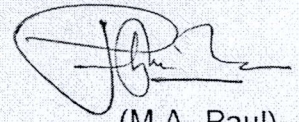
You may kindly note that, as per the Government of India rules, the interest accrued on the amount shall not be used for project purpose and it is mandatory to refund the interest amount accrued in your project to the **Consolidated Fund of India** at the completion of one year. The amount shall be refunded through a Demand Draft (DD) drawn in favor of Pay & Accounts Officer, Dept. of Space Bengaluru or through electronic means. In case of DD, the DD shall be sent to the Pay & Accounts Officer,

Department of Space, Antariksh Bhavan, ISRO HQs, New BEL Road, Bengaluru:
560 094.

You are requested to upload the enclosed **Grant-in-Aid (GIA) form** and **Electronic Transfer Mandate (ETM) form** duly filled and signed, in the I-grasp portal by using your login details (Go to **"My proposal"** → Click on the **"Approved proposal"** → Click on **"Add New Fund Release Request"** button at the bottom → Attach the **GIA form** in **"Grant-in-Aid form"** enclosure field & attach **ETM form** in **"Utilisation of Funds form"** enclosure field and Press the **SAVE** button to upload). (Use the **"Remove button"** to remove the "Utilized funds" and "Grant Request" fields).

With Regards,

Yours sincerely,



(M.A. Paul)

Dr. Subhenjit Hazra
Scientist-C
Centre for Nanoscience and Nanotechnology
Sathyabama Institute of Science & Technology
Jeppiar Nagar, Rajiv Gandhi Salai
Chennai: 600 119
Tamil Nadu

CC: Director, CBPO, ISRO HQ
Director, LPSC, Valiamala
Vice-Chancellor, Sathyabama Institute of Science & Technology, Chennai
Registrar, Sathyabama Institute of Science & Technology, Chennai
Ms. Radhika B, Sci/Engr. SF, QC-W&E/SR-SPS, LPSC, Valiamala
Shri Shreejith TV, RESPOND Coordinator, LPSC, Valiamala

FILE NO. TAR/2022/000258
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: 27-Jan-2023

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Gopika G, Sathyabama Institute Of Science And Technology**, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119- under the mentorship of Dr. Sudakar Chandran, at Indian Institute of Technology Madras 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. Rupees Eighteen Lakh Thirty Thousand only) for a duration of 36 months.

The date of start of the project will be 12 October, 2022. 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, Jeppiaar Nagar, Rajiv Gandhi Salai, 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 Madras 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**, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to **Indian Institute of Technology Madras I.I.T. Post Office Chennai - 600036** being the first installment of the grant for the year 2022-2023 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). (Condensed Matter Physics and Materials Science)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/8316/2022-2023 dated 16 December, 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. 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, Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 (Parent):

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 Indian Bank Sathyabama Institute of Science and Technology Branch Jeppiaar Nagar Rajiv Gandhi Salai Chennai - 600119
IFSC/RTGS Code	IDIB000S201
Email address of PI	gopikag1987@gmail.com
Email id of A/C Holder	vc@sathyabama.ac.in
Email address of concerned officer	ms_ps@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 Madras I.I.T. Post Office Chennai - 600036 (Host) :

PFMS Unique Code	IITM
Account Name	The Registrar, Indian Institute of Technology - Madras
Account Number	2722101016150
Bank Name & Branch	Canara Bank IIT Madras Branch Indian Institute of Technology IIT Campus IIT Chennai - 600036
IFSC/RTGS Code	CNRB0002722
Email address of PI	gopikag1987@gmail.com
Email id of A/C Holder	registrar@iitm.ac.in
Email id of Mentor	Dr. Sudakar Chandran

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/2022/000258** 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. Shilpi Paul)
Scientist F
ms_ps@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

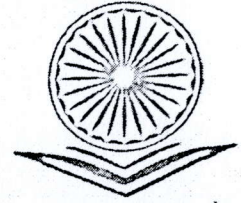
1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. Gopika G Center for Nanoscience and Nanotechnology Sathyabama Institute of Science and Technology, Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 Email: gopikag1987@gmail.com Mobile: 919645037589 (ii) Dr. Sudakar Chandran Indian Institute of Technology Madras 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) Vice Chancellor, Sathyabama Institute Of Science And Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai (ii) The Director Indian Institute of Technology Madras I.I.T. Post Office Chennai - 600036 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Shilpi Paul)
Scientist F
ms_ps@serbonline.in



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

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

20 JUN 2022

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/-

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

मैग्रासि
उप सचिव
विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
Ministry of Education, Govt. of India
नई दिल्ली-110002

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,

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



Ref: CRS/2022-23/04/900

Date: 15-05-2023

Sanction Order

To,
The Registrar/Principal/Financial Authority,
Through Dr. Gopika G
Sathyabama Institute of Science and Technology

Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Development of 1T Transition Metal Di-Chalcogenides based heterostructures for efficient Hydrogen Evolution Reaction (HER)' by Dr. Gopika G.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Gopika G** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Gopal M. Bhalerao**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹	₹30,000	₹15,000	₹45000	2023-03-30	SBIN223102462666
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2022-23/04/900**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject (for Science) M.E. / M. Tech. (not earlier than 3 years) 1st Class (for Engineering)
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior) -I + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	Same as (1) + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior)-II + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

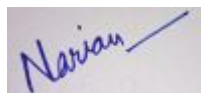
5. Appointment of student in the project is not permitted in the second or third year of the project.

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.

7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.

8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Gopika G, Dr. Gopal M. Bhalerao, AO for information.



Narian Kr.Lengay
Administrative Officer-I
(UGC-DAE CSR)



Ref:

Date: 15-05-2023

Sanction Order

To,
The Registrar/Principal/Financial Authority,
Through Dr. Dr. M. Rajasekar
Sathyabama Institute of Science and Technology

Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle " by Dr. Dr. M. Rajasekar.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Dr. M. Rajasekar** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Shamima Hussain**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹213360	₹30,000	₹15,000	₹258360	2022-03-30	SBINR52023041844241215
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number ."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

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SERB-Notification

155-34
Order & uc

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

To: serb:info1@gmail.com

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

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. BeryIVedha Yesudhasan,

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 Yesudhasan

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>]

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(14)

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.

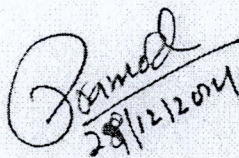
3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up-to-date progress report 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.

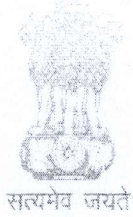
4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization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



Dr. KONGA GOPIKRISHNA
Scientist – 'F'
SEED Division
E- Mail: k.gopikrishna@nic.in
Phone: 011-26590298

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/SCSP/STI/2021/882

25.10.2022

Sub: Financial Assistance for the project titled "Sustainable livelihood development through the production of high quantity and quality meat from the backyard poultry farming using enzymes at Uthukadu Village, Walajabad, Kancheepuram District, Tamil Nadu, India".

Dear Sir

This is to inform that the above mentioned project proposal has been approved at a total cost of Rs.67,72,460/- (Rs.39,21,860/- under General Component and Rs.28,50,600/- towards Capital Assets) (detailed break-up enclosed at Annexure I) for duration of 18 months with an initial release of Rs.54,36,840/- (Rs.27,86,240/- towards General Component and Rs.26,50,600/- 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. 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.

14. 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.

15. The year-wise quantifiable deliverables for the project to be provided in tabular form as per format at annexure II subsequent releases in the project will be made on the basis of achievement of these deliverables.

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. Further, in order to release the grant, you have to register your agency under "Public Financial Management System (PFMS)" as well as NGO Darpan Portal. If you have already registered your agency, please send us the unique code and details for both immediately. If not, please register your agency under PFMS or CPSMS and NGO Darpan. During the process of registration, the bank details should be added to the Scheme "INNOVATION, TECHNOLOGY DEVELOPMENT AND DEPLOYMENT (1819)" and it must be saving bank account in Union Bank of India (UBI).

4. A zero balance subsidiary account should be opened in Union Bank of India (UBI). For any help in opening of account, you may contact the Senior Manager of UBI, Sh. Dindayal Mishra (Mobile 7411403225). It will be linked to the Central Nodal Agency (CAN) account in PFMS. Here Science and Engineering Research Board (SERB) is CNA. Therefore, while adding this account in PFMS, you have to write Science and Engineering Research Board (SERB) as the agency from which you will be receiving the funds.



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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 महेरली 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

TELEPHONE / Tel. 26562819, 26567373,
26562134, 26562122 (EPBAX)
TELEFAX / Fax 26569008, 26515637,
26561647, 26562418
WEBSITE / website www.dst.gov.in

No. DST/DT/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 extent 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.S)

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

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 @IndiaDST or www.twitter.com/IndiaDST

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 grant 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 extent 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.

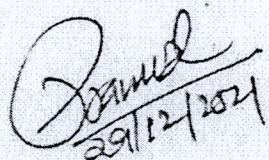
14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

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 Bodies (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-19". 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. 339 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)

(Pramod.S)
Scientist-C



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
मानव संसाधन विकास समूह
Human Resource Development Group

Siva.

Signature

सी.एस.आई.आर. कॉम्प्लेक्स
इंस्टीट्यूट ऑफ़ होटल मैनेजमेंट के सामने
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली-110012

C.S.I.R. Complex

Opp. Institute of Hotel Management
Library Avenue, Pusa, New Delhi-110012

क्रमांक : 23(0034)19/EMR-II

दिनांक : 31/05/2021

सेवा में,

Dr K Nagamani

CTR for Remote Sens & GEO Inf
Sathyabama Inst of Sc & Tech
Chennai 600119 TN

विषय : डॉ० अनूप कुमार मिश्रा के इस्तीफा के बाद परियोजना के लिए डॉ० के० नागमणि को पी० आई० बनाने लिए अनुमति।

महोदय,

आपके द्वारा प्रेषित पत्र दिनांक 18/03/2021 के संदर्भ में आपको सूचित किया जाता है कि प्रधान, मानव संसाधन विकास समूह ने सीएसआईआर की परियोजना **Developing near.....over India** में डॉ० के० नागमणि को पी०आई० बनाने की सहर्ष अनुमति प्रदान कर दी है।

अतः डॉ० के नागमणि अपना Electronic Transfer of Funds (Form -K), Undertaking (Form-A) or Date Of Commencement (DOC) अतिशीघ्र प्रेषित करें। जिससे आगे की कार्यवाही सुचारू रूप से की जा सके।

भवदीय,
31/5/2021
(संघमित्रा रॉय)
अनुभाग अधिकारी

प्रतिलिपि :-

1. Registrar/Principal/Director,
Sathyabama Inst of Sc & Tech
Chennai 600119 TN
2. Dr Anoop Kumar Mishra
CTR for Remote Sens & GEO Inf
Sathyabama Inst of Sc & Tech
Chennai 600119 TN



वैज्ञानिक और औद्योगिक अनुसंधान परिषद

SPEED POST

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

मानव संसाधन विकास समूह, वैज्ञानिक और औद्योगिक अनुसंधान परिषद,
होटल प्रबंधन संस्थान के विपरीत, लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली - 110012

Human Resource Development Group, CSIR Complex, Opp. Institute of Hotel Management,
Library Avenue, Pusa, New Delhi - 110012 (India) e-mail i.d. (soemr2@csirhrdg.res.in)

FILE NO.: 23/0034/19/EMR-II

Date: 19/07/2022

DR. K. NAGAMANI,

CENTRE FOR REMOTE SENSING
& GEO-INFORMATICS,
SATHYABAMA INSTITUTE OF
SCIENCE & TECHNOLOGY,
CHENNAI 600119 TAMIL NADU.

Subject : Renewal of grants for scheme entitled "Towards Developing.....Over India".

Sir,

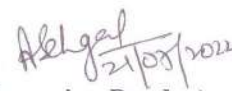
The Director-General, Council of Scientific & Industrial Research has been pleased to sanction renewal of the above scheme with the following grants for the period from **01/08/2021 to 31/03/2022 and 01/04/2022 to 31/03/2023.**

Head	Amount (Rupees) 01/08/2021-31/03/2022	2022-2023	Details
Staff	3,76,000/-	5,64,000/-	RA/SRF/JRF : 1
Contingency	66,667/-	1,00,000/-	
Total	4,66,667/-	6,64,000/-	

1. This grant is subject to the terms and conditions on which the scheme was originally sanctioned and as modified from time to time.
2. Bill in triplicate claiming grant sanctioned may please sent through the appropriate authority of your institution after complying with the formalities required under the rules. The position regarding unspent balance of the previous year's grants must be clearly mentioned head-wise in the bill failing which it may be returned Unpassed for compliance.
3. Particulars of Staff working in the scheme i.e. his name, Fellowship (JRF/SRF/RA) held, date of joining resignation etc. for whom claim under head "staff" is made should invariably mentioned in the bill.
4. The expenditure is debatable to budget head "Special Research Programmed Extramural Research Grants" (Res. Schemes).
5. Your attention is drawn to the rule No. 3 of the Terms & Condition of CSIR Research Grant.

Note: Further, funds will be sent through NEFT/RTGS/ECS mode only, to the concerned authority of your institution/university/college on receipt of the NEFT details, Consolidated Statement of Account and Utilization Certificate (1 copy each) along with the claim bill in **Form 'J'** (triplicate with original signatures).

Yours Faithfully,

for 
(Madhuranjan Pandey)
Under Secretary, (EMR-II)
Phone No.: - 011-25848160

Copy to:

1. The Director, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY,
CHENNAI 600119 TAMILNADU.
2. Office Copy.



REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 23(0034)/19/EMR-II

From : Head, Human Resources Development Group

Dated : 22/7/2019

To

DR ANOOP KUMAR MISHRA
CTR FOR REMOTE SENS & GEO INF
SATHYABAMA INST OF SC & TECH
CHENNAI 600119 T N

Subject : Grants-in-aid for your scheme entitled : TOWARDS DEVELOPING NEAR REAL TIME FLASH FLOOD RISK MONITORING SCHEME OVER INDIA

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	1-RA /SRF/JRF		
III	Contingency (per annum in ₹)	1st Year : 1,00,000	2nd Year : 1,00,000	3rd Year : 1,00,000
IV	Equipment (lumpsum in ₹)	3,00,000 (LS)		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- DG CSIR has also approved the release of the following grants for the period 01/07/2019 to 31/03/2020

No	Grants	Amount (in ₹)
I	Staff	4,23,000
II	Contingency	75,000
III	Equipment	3,00,000
Total :		7,98,000

- 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 1st 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.

*Funds will be released
subject to receipt of
PTR of 24(350)/17-EMR-II*

Yours faithfully,

Sunita
SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

- Registrar/Principal/Director *Sathyabama Instl. of Sc + Tech.* The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
- Sr F&AO(EMR) alongwith FVC for first year's grant.

*Chennai-
600119
(TN)*

MoES/SSWC/01/2017 -PC-V
Government of India
Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi
/10/2022

SANCTION ORDER

In continuation of the Administrative Order No. MoES/SFC-REACHOUT/2021 dated 31.08.2021, Revised A.O. of even number dated 22/06/2022 and sanction order no. MoES/REACHOUT/CNA/2022 dated 27/06/2022, sanction of the President is hereby conveyed under rule 18 of the Delegation of Financial Power Rules, 1978 for release of an amount of Rs.60,000/- (Rs. Sixty thousand only) to Sathyabama Institute of Science and Centre for Remote Sensing and Geoinformatics, Rajiv Gandhi, Chennai to meet the expenditure for National Workshop on “**Advanced Space Technologies for Measuring Marine Plastic Debris**” which is to be held from 19th to 21st October 2022 at Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology.

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 2022-23

3. The amount of Rs.60,000/- (Rs. Sixty thousand only) will be drawn by the Director, INCOIS, Hyderabad from the central nodal agency (CNA) account (INCOIS Reachout Account) and will be disbursed to the zero-balance subsidiary account (Sathyabama Institute of Science and Technology) through REAT/EAT module of PFMS for expenditure under GIA.

1.	Name of Account Holder	Sathyabama University – Research
2.	Name of Bank	Indian Bank
3.	Name of Branch	Sathyabama University & 600019229
4.	Account Type	SB
5.	Account Number	6089858032
6.	IFSC/RTGS/NEFT Code	IDIB000S201
7.	MICR Code	-

4. As per rule 238(1) of GFR 2017 relating to UC's for the fund released are not applicable at this stage the said institute would be receiving the grant for the aforesaid purpose for the first time.

5. The Registrar, Sathyabama Institute of Science and Centre for Remote Sensing and Geoinformatics, Rajiv Gandhi, Chennai, will furnish to MoES a Utilization Certificate in the proforma prescribed as per GFR 2017 and audited statement of expenditure along with updated progress report Achievement Vis-a vis Target within six month.


20/10/2022

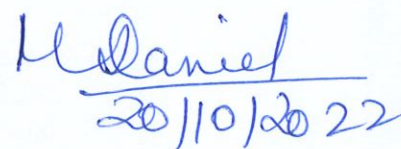
6. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division and copy of same through email.

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 Account Officer of the MoES), whenever the organization is called upon to do so, as laid down under Rule 236(1) of GFR 2017.

8. The grantee Institute will ensure the compliance of OM. No. F.No. 1(18)/PFMS/FCD/2021 dated March 2022 of Department of Expenditure, Ministry of Finance.

9. This issue under the delegated powers of the Ministry and with the concurrence of IFD vide their No. 177/IFD/4255/2022-23/REACHOUT dated 11 July 2022 and approval of Secretary vide (note #12) dated 21.08. 2022.

10. The expenditure has been entered in E.C.R. at Page No.76. Sl. No.83.


20/10/2022

(Manjula Daniel)

Under Secretary to the Govt. of India

**The Pay & Accounts Officer, Pay & Accounts Office,
Ministry of Earth Sciences, Prithvi Bhawna, Lodhi Road, New Delhi – 110003**

Copy to:

To

**The Pay & Accounts Officer, Pay & Accounts Office,
Ministry of Earth Sciences, Prithvi Bhawna, Lodhi Road, 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 110002.
3. Sh. S. Nageswara Rao, Sr. Account Officer, Indian National Centre for Ocean Information Services (INCOIS), "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO), Hyderabad-500090.
4. The Registrar, Sathyabama Institute of Science and Centre for Remote Sensing and Geoinformatics, Rajiv Gandhi, Chennai.
5. Dr. K.Nagamani, Sathyabama Institute of Science and Centre for Remote Sensing and Geoinformatics, nagamani@sathyabama.ac.in , 8939267132.
6. ProgrammeHead(NK)/ Sci.'F'(JVS).
7. Controller of Accounts, Mausam Bhavan, Lodhi Road, New Delhi.
8. Sanction folder/Guard file.


(Manjula Daniel)

Under Secretary to the Govt. of India

MoES/SSWC/04/2017 -PC-V
Government of India
Ministry of Earth Sciences

Prithvi Bhawan,
Lodhi Road, New Delhi
/11/2022

SANCTION ORDER

In continuation of the Administrative Order No. MoES/SFC-REACHOUT/2021 dated 31.08.2021, Revised A.O. of even number dated 22/06/2022 and sanction order no. MoES/REACHOUT/CNA/2022 dated 27/06/2022, sanction of the President is hereby conveyed under rule 18 of the Delegation of Financial Power Rules, 1978 for release of an amount of Rs.50,000/- (Rs. Fifty thousand only) to Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai to meet the expenditure for **National Workshop on "Satellite Remote Sensing – Ocean Color – Data Processing and Application"** which is to be held on 7th – 9th December 2022 at Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai.

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 2022-23

3. The amount of Rs.50,000/- (Rs. Fifty thousand only) will be drawn by the Director, INCOIS, Hyderabad from the central nodal agency (CNA) account (INCOIS Reachout Account) and will be disbursed to the zero-balance subsidiary account (Sathyabama Institute of Science and Technology) through REAT/EAT module of PFMS for expenditure under GIA.

1.	Name of Account Holder	Sathyabama University – Research
2.	Name of Bank	Indian Bank
3.	Name of Branch	Sathyabama University & 600019229
4.	Account Type	SB
5.	Account Number	6089858032
6.	IFSC/RTGS/NEFT Code	IDIB000S201
7.	MICR Code	-

4. As per rule 238(1) of GFR 2017 relating to UC's for the fund released are not applicable at this stage the said institute would be receiving the grant for the aforesaid purpose for the first time.

5. The Registrar, Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai, will furnish to MoES a Utilization Certificate in the proforma prescribed as per GFR 2017 and audited statement of expenditure along with updated progress report Achievement Vis-a vis Target within six month.

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 and copy of same through email.

M Daniel
16/11/2022

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 Account Officer of the MoES), whenever the organization is called upon to do so, as laid down under Rule 236(1) of GFR 2017.

8. The grantee Institute will ensure the compliance of OM. No. F.No. 1(18)/PFMS/FCD/2021 dated March 2022 of Department of Expenditure, Ministry of Finance.

9. This issue under the delegated powers of the Ministry and with the concurrence of IFD vide their No. 256/IFD/9742/2022-23/REACHOUT dated 26.08.2022 and approval of Secretary vide (note #16) dated 12.09.2022.

10. The expenditure has been entered in E.C.R. at Page No.76. Sl. No.83.


16/11/2022

(Manjula Daniel)

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:

25. Cash Section, MoES for information.
26. The Principal Director of Audit (Scientific Department) AGCR Building, I.P. Estate, New Delhi 110002.
27. Sh. S. Nageswara Rao, Sr. Account Officer, Indian National Centre for Ocean Information Services (INCOIS), "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO), Hyderabad-500090.
28. The Registrar, Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai .
29. Dr. K.Nagamani, Sathyabama Institute of Science and Centre for Remote Sensing and Geoinformatics, nagamani@sathyabama.ac.in , 8939267132.
30. ProgrammeHead(NK)/ Sci.'F'(JVS).
31. Controller of Accounts, Mausam Bhavan, Lodhi Road, New Delhi.
32. Sanction folder/Guard file.


(Manjula Daniel)

Under Secretary to the Govt. of India

भारत सरकार
अंतरिक्ष विभाग
भारतीय सुदूर संवेदन संस्थान
4, कालिदास मार्ग, पो. बाक्स सं. 135
देहरादून-248001, भारत
दूरभाष : +91-135-2524399
फैक्स : +91-135-2741987, 2748041



Government of India
Department of Space
Indian Institute of Remote Sensing
4, Kalidas Road, P.B. No. 135,
Dehradun - 248001, India
Telephone : +91-135-2524399
Fax : +91-135-2741987, 2748041

Ref: IIRS/DO/DMSP-ASCB/Cap Build/2023

Date: February 03, 2023

To,

Dr. K. Nagamani

Scientist D/Head

Sathyabama Institute of Science and Technology
Jeppiaar Nagar, Rajiv Gandhi Road, Sholinganallur
Chennai – 600119

Email:- nagamani@sathyabama.ac.in

Subject: Sanction of proposal on Capacity Building in Space based Disaster Management Support submitted by you under ISRO's Disaster Management Support Programme (DMSP).

Dear Sir,

Greeting from Indian Institute of Remote sensing (IIRS), Dehradun!

Thank you for submitting the proposals on Capacity Building in Space based Disaster Management Support in response to Announcement of Opportunity (AO) – Call for Proposals floated by IIRS under the ISRO's Disaster Management Support Programme (DMSP).

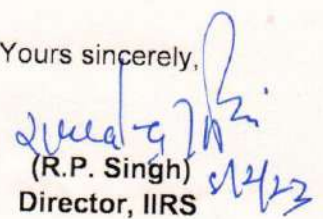
We are pleased to inform you that the following proposal has been approved for financial support.

S.No	Capacity Building Proposal	Budget
1.	Awareness Workshop: One day program on Disaster Management using advanced technologies.(1 Day)	Rs 2,47,000/- for 50 participants @ Rs 4940/- per participant

It is requested to send us the duly filled-in and signed Undertaking and Terms & Conditions for the grant and Vendor Details Updation Form (for online transfer of funds) enclosed herewith at the earliest by email ([dmsp\[dot\]ascb\[at\]iirs\[dot\]gov\[dot\]in](mailto:dmsp[dot]ascb[at]iirs[dot]gov[dot]in)) and speed/registered post.

With best regards.

Yours sincerely,


(R.P. Singh)
Director, IIRS

Enclosure: As above

Copy to: Dean (Academics), IIRS, Dehradun (Email: deanacademics@iirs.gov.in)

FILE NO. SSY/2022/000250
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: 30 June, 2022

ORDER

Subject: Financial assistance for the organizing International Workshop on "Three days International Workshop on Technical and Scientific aspects of Lidar Remote sensing of the Atmosphere (ITSLRA-2022)" by Dr. ROJARAMAN MEKALATHUR, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 being held from 13-Jul-2022 to 15-Jul-2022 (3 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 , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2022-2023 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing 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.

PFMS Unique Code	SU
Account Name	Sathyabama Institute of Science and Technology Research
Account Number	6089858032
Bank Name & Branch	Indian Bank Sathyabama University Branch, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai 119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	ramansvu@gmail.com

to Registrar, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee). General

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 , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai with the approval of the competent authority under delegated powers on **28 June, 2022** and vide Diary No. **SERB/F/2300/2022-2023** dated **29 June, 2022**

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 and Technology (DST), Government of India.

10. The logo of SERB is to be displayed on all Conferences / Seminars / Symposium material being used for the event.

Sukumar Dey
30/06/2022

(Dr. Sukumar Dey)
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. ROJARAMAN MEKALATHUR Center for Remote sensing and Geoinformatics Sathyabama Institute of Science and Technology, Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 Email: ramansvu@gmail.com Mobile: 919299155331 (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)

Sukumar Dey
30/06/2022

(Dr. Sukumar Dey)
Scientist C

seminar.symposia@serb.gov.in

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

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. Puliyaikurichi Mookkan Velmurugan, Center for Earth and Atmospheric Science, Sathyabama Institute of Science and Technology, Sathyabama university, jeppiaar nagar, rajiv gandhi road, chennai, Chennai, Tamil nadu-600119 and by Dr. Prabhu Dass Batvari, Scientist-C, Center for 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)	1443360
	Recurring - II : (Consumables, Travel, Contingencies)	600000
	Recurring - III : Scientific Social Responsibility	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 activities 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

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 activities 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.

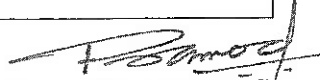
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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



StartupTN

TAMIL NADU STARTUP AND INNOVATION MISSION (TANSIM)

(A Section 8, Company under the MSME Department, Government of Tamil Nadu)

Lr. No. 639 /StartupTN/2022. Dated 27.12.2022

From

Thiru Sivarajah Ramanathan
Mission Director and CEO
StartupTN

To

Sathyabama TBI,
Col. Dr. Jeppiaar Research Park,
Sathyabama Institute of Science and Technology,
Rajiv Gandhi Salai, Chennai - 600 119

Dear Sir/Madam,

Sub. : **StartupTN - Incubation Management Training Programme** - Sanction Letter - Award of
Scaleup Grant - Opportunity for Israel Delegation - Reg

Ref. : Scaleup Incubator Training programme conducted by StartupTN

Greetings from StartupTN!

We are glad to inform you that “**Sathyabama TBI**” is one of the five Incubators from Tamil Nadu selected for the Scaleup Grant of Rs. 3,00,000/- (Rupees Three Lakh only) towards upgradation support of the Incubation Centre and an opportunity to be a part of the Israel Delegation.

This is in continuation of the Two-Phase training program conducted during the month of December, 2022, and the subsequent evaluation process. The Grant should be utilized as part of the operational expenses for Incubation Support. Utilization Certificate along with Statement of Expenditure should be submitted to this office on or before 28.02.2023.

The visit by the delegation to Israel will be from 29.01.2023 to 04.02.2023. The visit will be helpful to experience the best practices and adopt the same for benefit of the Tamil Nadu Startup and Incubation Ecosystem.

The expenses for the Israel Delegation will be approximately Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only) per person. StartupTN will support 50% of the expenses for the visit whereas the remaining 50% will be borne by the Incubation Centre.

The Incubation Centre representative who participated in the Scaleup Incubator Training Programme will be part of the delegation. Other representatives, for any reason, will not be considered for the delegation.

**Mission Director and CEO
StartupTN**

TAMIL NADU STARTUP AND INNOVATION MISSION

Entrepreneurship Development and Innovation Institute (Campus)

Parthasarathy Koil Street, SIDCO Industrial Estate, Ekkattuthangal, Guindy, Chennai - 600 032.

Phone: 044 - 22252084 **E-mail:** ceo@startuptn.in **Website:** www.startuptn.in

P-38015/2/2023-STARTUP INDIA
Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry & Internal Trade
(Startup India Section)

Vanijya Bhawan, New Delhi
Dated: 31st January, 2023

The Pay and Accounts Officer
Ministry of Commerce and Industry
Department for Promotion of Industry & Internal Trade
Udyog Bhawan, New Delhi - 110107

Subject: Release of Seed Fund of Rs. 2.10 Crore (Rupees Two Crore Ten Lakhs only) (non-Recurring) including Management Fee, to 'Society of Sathyabama University - Technology Business Incubator, Chennai (Tamil Nadu)' under the Startup India Seed Fund Scheme approved for year 2022-23.

Sir,

Sanction of the President of India is hereby conveyed to the release of Rs. 2.10 Crore (Rupees Two Crore Ten Lakhs only) (non-Recurring) including Management Fee, out of total financial support approved of Rs. 5 Crore to 'Society of Sathyabama University - Technology Business Incubator, Chennai (Tamil Nadu)', towards release of first installment for providing onward funds to Selected Startups as per the guidelines of the Startup India Seed Fund Scheme (SISFS) for year 2022-23 enclosed at **Annexure-I**.

2. The Seed Fund referred to under SISFS will be regulated in accordance with the provisions contained in the scheme/guidelines within the ambit of general provisions contained in GFR 2017, as amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions: -

(i) The Seed Fund shall be utilized for providing onward funds to Selected Startups as per the Para 8 of SISFS guidelines – 'Guidelines for Disbursement of Seed Fund to Startups by Incubators'.

(ii) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall maintain an exclusive, project-specific Trust and Retention Account (TRA) with any nationalized bank.

**(The bank account should be the same which was authorized for operation at the time of registration under the "Public Finance Management System" (PFMS) of the Ministry of Finance).*

(iii) The Seed Fund released will be utilized by *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* by 31st March 2024 for the purpose indicated in para 2(i) above.

(iv) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall furnish their Quarterly performance-cum-achievement report of the Fund Deployment


नवीन कुमार / NAVEEN KUMAR
अवर सचिव / Under Secretary
वाणिज्य और उद्योग मंत्रालय / Min. of C. & I.
उद्योग संवर्धन और आंतरिक व्यापार विभाग / Deptt. for PI & IT
भारत सरकार / Govt. of India

Plan as approved by the Expert Advisory Committee (EAC) under SISFS in its 30th Meeting dated 22.12.2022, to the Sanctioning Authority.

(v) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* should maintain a register of permanent and semi-permanent assets acquired wholly or mainly out of the above Seed Fund in the prescribed format and copy thereof should be furnished to this Department.

(vi) Assets acquired wholly or substantially out of Government Fund shall not be disposed of by *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* without obtaining the prior approval of the Sanctioning Authority of Seed Fund.

(vii) The accounts of *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall be open for inspection by the Sanctioning Authority and Audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 in accordance with the provisions laid down in Section 14 of the C&AG (DPC 1971) as amended from time to time and Internal Audit party of the Principal Accounts Office of the Department for Promotion of Industry & Internal Trade, New Delhi whenever, it is called upon to do so.

(viii) The *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall submit the CA certificate in the prescribed form as per GFR-2017 duly signed by the Head of the Incubator latest by 31.03.2024.

(ix) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall furnish the Audited Statement of Accounts along with audited report of the current financial year before 31.10.2024.

(x) Seed Fund shall be utilized subject to the Economy and other Instructions issued from time to time by the M/o Finance or by the Sanctioning Authority.

(xi) The unspent balance available with *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* is nil.

(xii) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall certify that the CA Certificates due for submission for the Seed Fund sanctioned in the previous year's containing all the relevant details required under GFR 212(1) have been submitted to the satisfaction of the Department for Promotion of Industry & Internal Trade, New Delhi.

(xiii) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* shall adhere to all the relevant provisions of GFR-2017 and any other instructions/ guidelines issued by the Government from time to time, while making procurement/ purchases of goods and services including compliance to provisions of GFR-2017 in case of out-sourcing of services and engagement of consultants.

(xiv) *SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR* has been exempted from execution of the bond. *SOCIETY OF SATHYABAMA UNIVERSITY -*



नवीन कुमार / NAVEEN KUMAR
अवर सचिव / Under Secretary
वाणिज्य और उद्योग मंत्रालय / Min. of C. & I.
उद्योग संवर्धन और आंतरिक व्यापार विभाग / Deptt. for PI & IT
भारत सरकार / Govt. of India
वाणिज्य भवन, नई दिल्ली-110011
Mandir Bhawan, New Delhi-110011

TECHNOLOGY BUSINESS INCUBATOR shall, however, furnish an undertaking that it will comply with all the terms and conditions stipulated in the sanction order.

(xv) SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR should send pre-receipted bill to this Ministry for payment of the amount drawn against this sanction.

(xvi) SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR should furnish an undertaking that they will not avail any Seed Fund from any other Ministry/Department of Government of India or State Government for this purpose.

(xvii) In no case the Seed Fund released under this sanction will be utilized for any purpose other than those indicated in the sanction. The Incubator shall not divert the Seed Fund and entrust execution of the Scheme or work concerned to another Incubator or Organization and shall abide by the terms & conditions of the Seed Fund and follow/ adhere to all the relevant provisions of GFR regarding Seed Fund. If the Incubator fails to utilize the Seed Fund for the purpose for which the same has been sanctioned or does not adhere to the terms & conditions of Seed Fund and provisions of GFR, the Incubator shall be required to refund the Seed Fund with interest @ 10% per annum.

(xviii) SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR shall not utilize the interest earned on the nonrecurring Seed Fund released to the Incubator for any purpose. The interest earned shall be indicated in UC which should be refunded to GOI after Seed Fund sanctioned is utilized.

(xix) SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR shall execute a legal agreement with the selected startups before the release of the first installment and ensure that the necessary terms and conditions, including milestones, related to the Seed Fund are clearly detailed in the agreement. Further, the Incubator shall also report Return on Investment for each startup.

(xx) A startup selected by SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR for assistance under this scheme shall not be charged any fee as per scheme guidelines.

(xxi) Noted at Serial No.152 in the Register of Seed Fund.

(xxii) Mr. Rohtas Singh, Under Secretary of the DPIIT will act as Drawing and Disbursing Officer for this sanction.

(xxiii) SOCIETY OF SATHYABAMA UNIVERSITY - TECHNOLOGY BUSINESS INCUBATOR has furnished all other Certificates of the previous sanctions and it has no Certificate as 'due for rendition' under sub-scheme in question.

3. The total release under this object head, including the present sanction would be Rs.121.69 crore during the current financial year as against the Budget provision of Rs.140 crore for the financial year 2022-23.



नवीन कुमार / NAVEEN KUMAR
अवर सचिव / Under Secretary
वाणिज्य और उद्योग मंत्रालय / Min. of C. & I.
उद्योग संवर्धन और आंतरिक व्यापार विभाग / Deptt. for PI & IT
भारत सरकार / Govt. of India
वाणिज्य भवन, नई दिल्ली-110011
New Delhi-110011

4. The expenditure is debit to the Demand No. 11 of the Department for Promotion of Industry & Internal Trade under Functional Head 4875.60.190 - SISFS and Object Head 07.00.54 – Investments for the Year 2022-23 as per the details given below:

Sl. No.	Functional Head	Object Head	Amount (in Rs.)
1	4875.60.190 SISFS	07.00.54 – Investments	2,10,00,000/-
		Total	Rs. 2.10 Crore

5. The bank details of the Incubator for making payment are as below: -

Name of the beneficiary	Name of Bank where A/c of Org Held	Address/Code of Bank Branch	A/C NO.	MICR Code and IFSC Code
Society of Sathyabama University - Technology Business Incubator - SISF	Indian Bank	Sathyabama University Branch	7396266775	MICR: 600019229 IFSC: IDIB000S201

6. This issues with the concurrence of IFW vide **Note No. 25** dated **31.01.2023** of File No: P-38015/2/2023-STARTUP INDIA (Computer No. 175977).

Yours faithfully

Naveen
31/1/2023
(Naveen Kumar)

Under Secretary to the Government of India

Copy to: -

1. Director Research and Head - TBI, Society of Sathyabama University - Technology Business Incubator, Chennai (Tamil Nadu)
2. Principal Director of Audit, Economic and other Ministries, AGCR Building, New Delhi-110022.
3. IF Wing/Finance-II Section, DPIIT, New Delhi.
4. Budget and Account Section, DPIIT, New Delhi.
5. PPS to JS (SS)
6. Guard file/Sanction Folder.

Naveen
31/1/2023

(Naveen Kumar)

Under Secretary to the Government of India

नवीन कुमार / NAVEEN KUMAR
अवर सचिव / Under Secretary
वाणिज्य और उद्योग मंत्रालय / Min. of C. & I.
उद्योग संवर्धन और आंतरिक व्यापार विभाग / Deptt. for PI & IT
भारत सरकार / Govt. of India
वाणिज्य भवन, नई दिल्ली-110011
Vaniya Bhawan, New Delhi-110011

Dated: 27 October, 2022

ORDER

Subject: Financial Sanction of the research project titled **THERMAL PRIMING AND ROLE OF EPIGENETIC VARIATION ON ADAPTIVE STRATEGY OF SEAGRASSES UNDER WARMING OCEAN** under the guidance of Dr. Jeyapragash Danaraj, Centre for Ocean Research, Sathyabama Institute of Science and Technology, Jeppiaar nagar, rajiv gandhi salai, 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. 2450260/- (Rs. Twenty Four Lakh Fifty Thousand Two Hundred and Sixty Only)** with break-up of **Rs. 600000/- under Capital (Non-recurring) head** and **Rs.1850260/- under General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 2450260/-** 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**

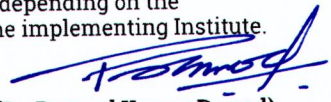
S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Diving-PAM-II Underwater fluorometer with miniature spectrometer -> Underwater pH and Temperature Data Logger	600000
A'	Total (Non-Recurring)	600000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	922560 680000 25000
2	Recurring - IV : (Overhead Charges)	222700
B'	Total (Recurring)	1850260
C	Total cost of the project (A' + B')	2450260

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- 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.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- 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.
- 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.
- The research personnel 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
- 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.
- The project File no. SRG/2022/000185 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(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. Jeyapragash Danaraj Centre for Ocean Research Sathyabama Institute of Science and Technology , Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 Email: pragashdb@gmail.com Mobile: 917448779186 (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. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr Ajay Kumar
Programme Officer (HLC)

BRNS
Secretariat, 316-C, CFB,
BARC, Trombay,
Mumbai-400085
Phone: +91-02225595399
Email: ajayk@barc.gov.in

No: 54/14/04/2022-BRNS/ 10918

Date: 28/11/2022

OFFICE MEMORANDUM

- 6 DEC 2022

Sub: R/P entitled "Development of C60-fullerene-PDMS based catheter endowed with reduced inflammation & infection" under Dr. Karthick Velu, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Sal, Prof. Sudhakar Panda, Director, NISER, Jatni, Khordha-752050, Odisha bearing sanction 54/14/04/2022-BRNS/ with HLC, 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 2022-2023 with a total grant of Rs. 19,37,100/- (Rupees nineteen lakh thirty seven thousand one hundred only) for the project as under :

Item of expenditure	Year 1 (2022-2023)	Year 2 (2023-2024)	Year 3 (2024-2025)
Staff Salary - JRF	372000	372000	0
Staff Salary - SRF (1)	0	0	420000
Consumables	150000	150000	150000
Travel - PI	20000	0	20000
Contingencies	10000	15000	10000
Overheads	40650	39150	44250
Total(INR)	592650	576150	644250

Note: *

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.

Overheads calculated @ 7.5% of the other heads except contingency.

The remaining 7.5% towards overheads (Rs. 1,24,050/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also pleased to convey the sanction of the President of India to incur an expenditure of Rs. 5,92,650/- (Rupees five lakh ninety two thousand six hundred fifty only) towards grant for the year 2022-2023.
- The expenditure involved is debit to: 03 3401 00 004 27 0231.
- This is issued with the concurrence of the competent authority in the Department.

Dr Ajay Kumar

Pay & Accounts Officer, DAE, Mumbai - 400 001.
(Bill enclosed)

- 6 DEC 2022

बिल स Bill No: 35054

तिथि 28/11/2022

Countersigned for Rs. 5,92,650/- five lakh ninety two thousand six hundred fifty Rupees Only.

अनुमोदन

Approved

कार्यक्रम अधिकारी

Programme Officer HLC

परमाणु ऊर्जा विभाग

DEPARTMENT OF ATOMIC ENERGY

नाभिकीय विज्ञान अनुसंधान मंडल

BOARD OF RESEARCH IN NUCLEAR SCIENCES

Application Number:6943

कृपया निम्नलिखित को सुचित करते हुए
राशी का भुगतान इन्हे करें।

Please pay the amount to

A/C No: 6089858032, A/C Name: Sathyabama Institute of Science and Technology - Research, IFSC: IDIB000S201, INDIAN BANK SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDJI SALAI, CHENNAI - 600119

Under intimation to

Dr. Karthick Velu, Sathyabama Institute of Science and Technology,
Jeppiaar Nagar, Rajiv Gandhi Sal

mail id:vkathick.cor@sathyabama.ac.in,
Mob.No.9952420256

घातन एवं लेखन अधिकारी, प.ऊ.वि,

Pay & Accounts Officer, DAE

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: 09 February, 2023

ORDER

Subject: Financial assistance for the organizing National Conference on "National Conference on "Integrative-Omics in the Ocean Climate Change"" by Dr. Jeyapragash Danaraj, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 being held from 09-Feb-2023 to 10-Feb-2023 (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 , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2022-2023 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing 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.

PFMS Unique Code	SU
Account Name	Sathyabama Institute of Science and Technology Research
Account Number	6089858032
Bank Name & Branch	Indian Bank Sathyabama University Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai 119
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	pragashdb@gmail.com

to Registrar, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee). General

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 , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai with the approval of the competent authority under delegated powers on **27 January, 2023** and vide Diary No. **SERB/F/10223/2022-2023** dated **08 February, 2023**

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 and Technology (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. Sukumar Dey)

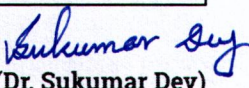
Scientist C

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. Jeyapragash Danaraj Centre for Ocean Research Sathyabama Institute of Science and Technology , Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 Email: pragashdb@gmail.com Mobile: 917448779186 (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. Sukumar Dey)

Scientist C

seminar.symposia@serb.gov.in

FILE NO. SSY/2023/000159
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: 19 May, 2023

ORDER

Subject: Financial assistance for the organizing International Conference on "1st International Conference on "Recent Updates in Food and Drugs from Natural Source and its Multiverse Applications" (RUFDNSMA-2023)" " by **Dr. Meivelu Moovendhan**, Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 being held from 05-Jul-2023 to 07-Jul-2023 (3 days).

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 200000/- (Rs. Two Lakh Only)** to Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai, Chennai, Tamil Nadu-600119 during the financial year 2023-2024 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing in connection with the above event.

2. The amount of **Rs. 200000/- (Rs. Two 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.

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-600119. Tamil Nadu, India.
IFSC/RTGS Code	IDIB000S201
Email id of A/C Holder	registrar@sathyabama.ac.in
Email id of PI	moovendhan85@gmail.com

to Registrar, **Sathyabama Institute Of Science And Technology , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai**

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee). General

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 , Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai with the approval of the competent authority under delegated powers on **16 May, 2023** and vide Diary No. **SERB/F/1158/2023-2024** dated **19 May, 2023**

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 and Technology (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. Sukumar Dey)

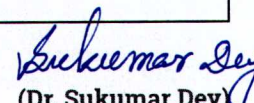
Scientist C

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. Meivelu Moovendhan Ocean Research Sathyabama Institute of Science and Technology, Jeppiaar nagar, rajiv gandhi salai, chennai, Chennai, Tamil nadu-600119 Email: moovendhan85@gmail.com Mobile: 919788847517 (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. Sukumar Dey)

Scientist C

seminar.symposia@serb.gov.in



CDR/20-21/21

TNSCST

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

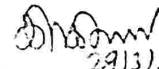
....

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


(Dr. D. Inbaradaran)


Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jepiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Scanned with CamScanner

COR/20-21/25

DBT

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


(Dr. D. Inbakandari)

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


Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

SUB-PROJECT – D

(x) *Goa University, Goa*

Principal Investigator:

Dr. Sanjeev C. Ghadi

Professor and Head of Department,
Department of Biotechnology,
Faculty Block E, Goa University, Taleigao plateau,
Goa - 403 206

Co-PI(s)

Prof. S.G. Tilve

Professor (HAG) and Vice Dean (Research),
School of Chemical Sciences, Goa University, Taleigao
plateau, Goa 403 206

SUB-PROJECT – E

(xi) *Indian Institute of Technology Bombay, Mumbai*

Principal Investigator:

Prof. Pramod P Wangikar

Professor,
Department of Chemical Engineering,
Indian Institute of Technology Bombay, IIT Powai,
Mumbai, 400 076

Dr. Yogendra Shastri

Indian Institute of Technology Bombay, IIT Powai,
Mumbai, 400 076

SUB-PROJECT – F

(xii) *Sathyabama Institute of Science and Technology, Chennai*

Principal Investigator:

Dr. D. Inbakandan

Scientist - E / Associate Professor,
Centre for Ocean Research (DST-FIST Sponsored),
Sathyabama Institute of Science and Technology,
Dr. Jeppiaar Research Park,
Chennai - 600 119

डा. मनोज कुमार मोदी / Dr. Manoj Kumar Modi
वैज्ञानिक 'ई' / Scientist 'E'

बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
भारतीय संशोधन विज्ञान संस्थान / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Dr. B. SHEELA RANI, MS (By Research), Ph.D.
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

(Dr. D. Inbakandan)

- c. The anti-biofilm activity of oligosaccharides will be evaluated using microtiter biofilm bioassay.
- d. Antibacterial activity of the oligosaccharides will be confirmed by the disc diffusion and broth dilution method.
- e. Antioxidant activities of oligosaccharides such as radical scavenging, metal chelating activities and reducing power will be evaluated by spectrophotometric assays
3. WGS of above selected bacterial strains by Illumina sequencing.
4. Cloning of selected novel CAzyme gene in pGEM/pET vectors and CAzyme expression.
5. Mass production of oligosaccharides using whole cell bacteria and immobilized purified enzyme and confirming therapeutic activity of purified oligosaccharide.
6. Purification of oligosaccharides and structure evaluation.

SUB-PROJECT E: Metabolic engineering of marine cyanobacteria for the photosynthetic production of therapeutic proteins and platform chemical (Implementing institute: IIT, Mumbai)

Overall Objectives

1. Engineering of selected marine cyanobacterial host strains (namely, *Synechococcus* sp. PCC 7002 and *Synechococcus* sp. PCC 11901) to generate robust, scalable expression systems
2. Pathway engineering for the photosynthetic production of platform chemicals such as succinic acid and therapeutic proteins such as PDGF and Streptokinase
3. ¹³C-Metabolic Flux Analysis (¹³C-MFA) of wild type and engineered strains to identify metabolic bottlenecks and competing pathways
4. Production and purification of recombinant therapeutic proteins and development of in vitro activity assays.

SUB-PROJECT F: Marine microbial product based eco-friendly nanocomposites for marine antifouling application (Implementing institute: Sathyabama Institute of Science and Technology, Chennai)

Overall Objectives:-

1. To collect, culture and extract natural products and biopolymers from marine bacteria
2. To nano syntheses and characterize the natural product based polymernanocomposites
3. To study the stability and toxicity of the polymer-nanocomposites at laboratory condition
4. To study the antifouling activity of the polymer-nanocomposites in field Condition

डा. मनोज कुमार मोदी / Dr. Manoj Kumar Modi
वैज्ञानिक 'ई' / Scientist 'E'

Dr. B. SHEELARANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH) / M/o Science & Tech.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)
Jepiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

(Dr. D. Inbakandan)

Dr. M. Radhakrishnan, Scientist E, Bioprospecting Division, Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai -600 119

Rupees in lakhs					
Sathyabama Institute of Science and Technology, Chennai					
Sr. No.	Budget Head	Year I	Year II	Year III	Total
Non-recurring					
1.	Equipments	7,80,000			7,80,000
Recurring					
2.	Manpower	7,58,880	7,58,880	8,18,400	23,36,160
3.	Consumables	5,00,000	4,00,000	4,00,000	13,00,000
4.	Travel	50,000	50,000	50,000	1,50,000
5.	Contingency	50,000	50,000	50,000	1,50,000
6.	Overhead	50,000	50,000	50,000	1,50,000
	Grand Total	21,88,880	13,08,880	13,68,400	48,66,160

Sub Project F

Dr. D. Inbakandan, Scientist – E, Associate Professor, Centre for Ocean Research (DST-FIST Sponsored), Sathyabama Institute of Science and Technology, Dr. Jeppiaar Research Park, Chennai, Tamil Nadu - 600 119

Rupees in lakhs					
Sathyabama Institute Of Science And Technology, Chennai					
Sr. No.	Budget Head	Year I	Year II	Year III	Total
Non-recurring					
1.	Equipments	5,00,000			5,00,000
Recurring					
2.	Manpower	8,63,040	8,63,040	9,74,400	27,00,480
3.	Consumables	8,00,000	8,00,000	8,00,000	24,00,000
4.	Travel	50,000	50,000	50,000	1,50,000
5.	Contingency	50,000	50,000	50,000	1,50,000
6.	Overhead	50,000	50,000	50,000	1,50,000
	Grand Total	23,13,040	18,13,040	19,24,400	60,50,480

2.7 Equipments:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.8 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II:**

(Dr. D. Inbakandan)

Dr. B. SHEELA RANI, M.Sc. (Research), Ph.D.,
 डा. मनोज कुमार मोदी
SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
 (DEEMED TO BE UNIVERSITY)
 Jeppiaar Nagar, Rajiv Gandhi Salai,
 Chennai - 600 119.

COR / 20-21 / 20

DAE - BRNS



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 Institute of 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).

- 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.
- The expenditure involved is debit to: 03 3401 00 004 27 0231.
- This is issued with the concurrence of the competent authority in the Department.

Pay & Accounts Officer,
DAE, Mumbai - 400 001.

Dr. D Inbakandan

S. Pramanik

Dr. B. SHEELA RANT, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

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, Sollinganallor, 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.



(Dr. D. Inbakandan)


Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,

- 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 : 9840927503 Dr. 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
S. Pramanik

Note:

1. Please quote the Sanction Number 56/14/03/2020-BRNS in all your correspondence with BRNS

(Dr. D. Inbarandan)

B. Sheela Rani
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

COR/19-20/18

MoES - ESTC

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).

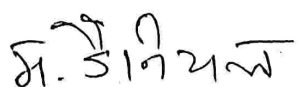
2.0 Objectives: The main objectives of establishment of ESTC on "Marine Biotechnological Studies (MBS)" under Marine Ecology & Biology(MEB) and its initial network projects are as following.

- 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


Dr. D. Ibakandan


18/6/2019
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
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utilize the marine living resources to improve the quality of human resources interaction in biotechnology industries for societal applications with join collaboration of Centre For Marine Living Resources and Ecology(CMLRE), Kochi and National Institute of Ocean Technology(NIOT), Chennai.

4.0 Implementing Organizations: Sathyabama Institute of Science and Technology, Deemed to be University, Chennai.

5.0 Estimated Project Cost

The estimated total cost of the ESTC project(s) and operational expenses of ESTC (MBS) Cell is Rs. **Rs. 3,12,11,740 /-** for 3 years from date of commencing / release, with year-wise break-up (1st year : Rs. 2,02,45,020/-; 2nd Year: Rs. 55,68,690/-; 3rd year: Rs. 53,98,030/-), as per details given below.

Items	Institute Name: Sathyabama University			Grand Total
	Year 1 (Rs.)	Year 2 (Rs.)	Year 3 (Rs.)	(Rs.)
A. Non-Recurring				
Equipment	1,48,28,000	-	-	1,48,28,000
B. Recurring				
Manpower for networking projects (JRF/SRF)-6 Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm +24% HRA for 3 rd year	27,67,680	27,67,680	31,24,800	86,60,160
Manpower for ESTC cell operations Field Assistant-1 @ Rs. 10,500/pm Accounts Assistant-1 @ Rs. 10,500/pm	2,52,000	2,52,000	2,52,000	7,56,000
Travel	2,80,000	2,75,000	2,30,000	7,85,000
Consumables	13,50,000	15,00,000	10,50,000	39,00,000
Contingency	62,000	62,000	74,000	1,98,000
Other expenses (Sample analysis -Out sourcing)	2,58,000	2,58,000	2,26,000	7,42,000
ESTC cell Operational expenses (Expense on meeting of SSE committee travel, consumables etc.,)	2,50,000	2,50,000	2,50,000	7,50,000
Overhead	1,97,340	2,04,010	1,91,230	5,92,580
Total (B)	54,17,020	55,68,690	53,98,030	1,63,83,740
Total (A+B)	2,02,45,020	55,68,690	53,98,030	3,12,11,740

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA

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(DEEMED TO BE UNIVERSITY)

Jepiaar Nagar, Rajiv Gandhi Salai

B. Sheela Rani

Dr. B. Sheela Rani

18/6/2019

The detailed break-up of the budget of each of ESTC (MBS) project(s) viz. Project-1, Project-2, Project-3, Project-4, Project-5 and the Operational Expenses of ESTC Cell at Sathyabama Institute of Science & Technology (SIST), Chennai, is given in Annexure-I.

6.0 Manpower requirements:

The manpower requirement for network project under different components including manpower and for main Institute for the operational requirement component (ESTC Cell) of the project is as detailed below:

Items	Institute Name: Sathyabama University			Grand Total (Rs.)
	1 st Year 2018-19	2 nd Year 2019-20	3 rd Year 2020-21	
Manpower for networking projects (JRF/SRF)-6. Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm + 24% HRA for 3 rd year	27,67,680	27,67,680	31,24,800	86,60,160
Manpower for ESTC cell operations Field Assistant-1 @ Rs. 10,500/pm Accounts Assistant-1 @ Rs. 10,500/pm	2,52,000	2,52,000	2,52,000	7,56,000
Total	30,19,680	30,19,680	33,76,800	94,16,160

7.0 Duration of the Project / Description of time schedule of the program (Three Years): Annexure-II

8.0 Release of fund: A memorandum of understanding (MoU) will be signed between Sathyabama Institute of Science & Technology (SIST), Chennai and MoES, prior to funding the ESTC project(s). Funds will be released directly to the Sathyabama, Institute of Science & Ocean Technology, Chennai. Subsequent release of funds shall be based on the progress of projects and recommendations of Scientific Steering Committee (SSC) on Marine Ecology & Biology (MEB) as per Ministry's OM No. MoES/16/29/11-RDEAS(ESTC/SSC-MEB) dated 20th May, 2019.

(Dr. D. Inbakandan)

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

9.0 Implementation, Monitoring and Evaluation: Program will be implemented by the ESTC (Marine Biotechnological Studies-MBS) and will be coordinated by Project Coordinator (PC), Dr B. Sheela Rani (Director-Research) at Sathyabama Institute of Science & Ocean Technology (SIST), Chennai, in collaboration with National Institute of Technology (NIOT) Chennai and Centre For Marine Living Resources & Ecology (CMLRE), Kochi. The overall monitoring and periodic review of the progress of the said ESTC project(s) towards their implementation as per objectives and time line will be done by a Scientific Steering Committee (SSC) on MEB and at ESTC level by the Project Coordinator (PC) as per terms of references laid down in Ministry's OM No. MoES/16/29/11-RDEAS (ESTC-NP) and (ESTC/SSC-MEB) dated 23rd May, 2014 and dated 20/5/2019. The SSC on subject will send its periodic report to the Chairman of Ministry's Apex Committee.

10.0 The expenditure involved is debitable to the following Head of Accounts-

Major Head '3425	-	Other Scientific Research (Major Head)
60.200	-	Assistant to Other Scientific Bodies (Minor Head)
52	-	Research Education & Training Outreach
52.00.31	-	Grant-in-Aid (General)
52.00.35	-	Grants for Creation of Capital Assets

11.0 Other Terms and Conditions:

- Allocation of budget is tentative and subject to change 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 GFR. 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 institute and will be available for use by other researchers.
- 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 as conveyed in GFR, Manual on Policies and Procedures for purchase of goods and GOI instruction issued from time to time for service and requisition of research personnel shall be followed. Also information on direct benefit transfer (DBT) of manpower shall be provided to MoES on monthly basis.
- 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 2017, alongwith scanned copy of same by email to Program Head/Program Director ESTC, MoES.
- This sanction is subject to the condition that the grantee organization will furnish to the Ministry of Earth Sciences, 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 dated of completion of the project.

B. Sheela Rani
 Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
 DIRECTOR (RESEARCH)

SATHYABAMA
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 Jeynagar Nagar, Rajiv Gandhi Salai,

- 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.
- Failure to comply with the terms and conditions of the terms will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
- The grant-in-aid being released is subject to the condition that

i. 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 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.

ii. While submitting Utilization 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.

- End-to-end e-tendering to be followed for procurements of items/services having value above Rs.2.00 lakh as per MoF O.M. dated 09/01/2014.
- Grants released by the Ministry to be kept in interest bearing account and the interest earned shall be refunded to the Govt. of India account as per 230(8) of GFR-2017.
- 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. No HRA is allowed in case of accommodation provided by the institute.

12.0 This issues under powers delegated to this Ministry with the approval of Secretary MoES vide Dy. No. Nil dated 10/05/2019 and with the concurrence of IFD vide their Dy. No. 120/IFD/1427/2019-20/REACHOUT dated 07.05.2019.

(Signature)
18/6/2019

(Manjula Daniel)

Under Secretary to the Govt. of India

To

The Pay & Accounts officer,
Ministry of Earth Sciences,
Prithvi Bhavan, Lodhi Road,
New Delhi-110 003.

Copy to:

1. Cash Section, MoES for information.
2. The Principal Director of Audit(Scientific Department), AGCR Building, I.P. Estate, New Delhi.
3. Dr. B. Sheela Rani, PC(ESTC-MBS), Director (Research), Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119. (Email:- kavishceela66@gmail.com)

(Signature)
C Dr. D. Inbarakandan) *(Signature)*
19/6/19

(Signature)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119

4. Director, National Institute of Technology (NIOT), Chennai. (Email:- director@niot.res.in)
5. Director, Centre for Marine Living Resources & Ecology (CMLRE), Kochi. (Email:- director@cmlre.gov.in)
6. Dr.Radhika Rajasree S.R., Scientist E, Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119. (Email:- radhiin@gmail.com)
7. Dr. D. Inbakandan, Scientist E, Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119.(Email:- inbakandan@gmail.com)
8. Dr. L. Stanley Abraham, Scientist E, Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119. (Email:- stanleyabraham.cor@gmail.com)
9. Dr. V. Ganesh Kumar, Scientist E, Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600119. (Email:- ganesv@gmail.com)
10. Dr. K. GOVINDARAJU, Scientist C, Sathyabama, Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai–600119. (Email:- goindaraju@sathyabamauniversity.ac.in)
11. ProgrammeHead(GI)/Sci.'F'(JVS,jv).(Email:- gopal.iyenger@nic.insingh.moes@nic.in)
12. Controller of Accounts, Prithvi Bhavan, Lodhi Road, New Delhi.
13. Sanction folder/Guard file.

(Manjula Daniel)

B. Shale Ra. -

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

Project – 1

Project title: "Studies on the implications of engineered nanoparticles and bio-nanocomposites in aquatic animal health"

Principal Investigator: Dr.Radhika Rajasree S.R., Scientist E

Co-Investigator: Dr. D Inbakandan, Scientist E and Dr.L Stanley Abraham, Scientist E

Item	Budget (In Rupees)			
	Year 1	Year 2	Year 3	Total
A. Non-Recurring				
Specific equipment				
1. Stand alone rack-zebra fish housing with light enclosure	12,10,000			12,10,000
2. Digital microtome plus tissue processor and stainer	3,30,000			3,30,000
3. Continuous flow through proportional diluter	8,80,000			8,80,000
4. Coulter counter	6,60,000			6,60,000
Total (A)	30,80,000			30,80,000
B. Recurring				
1 Research staff				
JRF – 2 Nos. (Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm +24% HRA for 3 rd year)	9,22,560	9,22,560	10,41,600	28,86,720
2 Consumable	5,00,000	5,00,000	2,00,000	12,00,000
3 Contingencies	10,000	10,000	10,000	30,000
4 Other expenses (Cost of samples analysis/ outsource, etc.)	40,000	40,000	40,000	1,20,000
5 Travel	15,000	10,000	10,000	35,000
6 Over head	61,870	61,640	50,138	1,73,648
Total (B)	15,49,430	15,44,200	13,51,738	44,45,368
Grand total (A+B)	46,29,430	15,44,200	13,51,738	75,25,368

(Dr. D Inbakandan)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Dr. S. S. S. S. S.
18/6/2019

B. Shule R.

Project - 2

Project title: "Surface modification nanotechnological approach for antifouling and anticorrosion applications"

Principal Investigator : Dr. D. Inbakandan, Scientist E

Co- Principal Investigator : Dr.L.Stanley Abraham, Scientist E and Dr.Radhika Rajsree S R., Scientist E

Brief Budget Estimation (In Rupees)

Item	Year 1	Year 2	Year 3	Total
A. Non- Recurring				
Specific equipment				
1. Fluorescence microscope with image analyzer	14,40,000	-	-	14,40,000
2. Impedance spectrophotometer	17,20,000	-	-	17,20,000
3. Luminometer	8,00,000	-	-	8,00,000
Total (A)	39,60,000	-	-	39,60,000
B. Recurring				
1 Research staff				
JRF - 1 no. (Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm+24% HRA for 3 rd year)	4,61,280	4,61,280	5,20,800	14,43,360
2 Consumable	1,00,000	1,00,000	1,00,000	3,00,000
3 Contingencies	10,000	10,000	10,000	30,000
4 Other expenses (Cost of samples analysis/outsource, etc.)	60,000	60,000	60,000	1,80,000
5 Travel	50,000	50,000	50,000	1,50,000
6 Over head	28,060	28,060	30,213	86,333
Total B	7,09,340	7,09,340	7,71,013	21,89,693
Grand total (A+B)	46,69,340	7,09,340	7,71,013	61,49,693

B. Sheela Rani

Dr. S. R. Ravi
18/6/2019

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Project - 3

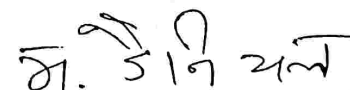
Project title: "Enhancement of marine microbial by-products for biomedical applications"

Principal Investigator : Dr. L. Stanley Abraham, Scientist E

Co - Investigator : Dr. D. Inbakandan, Scientist E and Dr. Radhika Rajasree S.R., Scientist E

Budget Estimates (In Rupees)				
Budget Head	Year 1 (Rs.)	Year 2 (Rs.)	Year 3 (Rs.)	Total (Rs.)
A. Non-Recurring				
Specific equipment	1, 10, 500	-	-	1, 10, 500
SS Extraction Vessels				
Vacuum oven	2, 11, 000	-	-	2, 11, 000
Ultra centrifuge	27, 09, 000	-	-	27, 09, 000
Total (A)	30,30,500	-	-	30,30,500
B. Recurring				
Research staff				
1. Manpower				
a) JRF - 1no.	4,61,280	4,61,280	5,20,800	14,43,360
@Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm +24% HRA for 3 rd year				
2 Consumable	1,50,000	1,00,000	1,50,000	4, 00, 000
3 Contingencies	12,000	12,000	24,000	48,000
4 Other expenses (Cost of samples analysis/outsource, etc.)	38,000	38,000	26,000	1, 02, 000
5 Travel	75,000	75, 000	50, 000	2,00, 000
6 Over head	30,590	28,290	31,593	90,473
Total (B)	7,66,870	7,14,570	8,02,393	22,83,833
Grand total (A+B)	37,97,370	7,14,570	8,02,393	53,14,333


(Dr. D. Inbakandan)


18/6/2019

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Project – 4

Project title: "Biofunctionalization nanoparticles for anticancer applications using marine biosources"

Principal Investigator : Dr. V. Ganesh Kumar, Scientist E

Co- Principal Investigator : Dr. L. Stanley Abraham, Scientist E and Dr. K. Govindaraju, Scientist C

Budget Estimates (In Rupees)

Item	Year 1	Year 2	Year 3	Total
A. Non-Recurring				
Specific equipments				
i. Particle size analyzer	15,40,000	-	-	15,40,000
ii. Phase contrast microscope with accessories	5,50,000	-	-	5,50,000
iii. Hot air oven	82,500	-	-	82,500
iv. Microfuge	1,10,000	-	-	1,10,000
Total (A)	22,82,500	-	-	22,82,500
B. Recurring				
1 Research Staff				
JRF-1 (31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm +24% HRA for 3 rd year)	4,61,280	4,61,280	5,20,800	14,43,360
2 Consumable	3,00,000	4,00,000	3,00,000	10,00,000
3 Contingencies	15,000	15,000	15,000	45,000
4 Other expenses (Cost of samples analysis/outsource, etc.)	60,000	60,000	60,000	1,80,000
5 Travel	70,000	70,000	60,000	2,00,000
6 Over head	38,410	43,010	40,103	1,21,523
Total (B)	9,44,690	10,49,290	9,95,903	29,89,883
Grand total (A+B)	32,27,190	10,49,290	9,95,903	52,72,383

B. Shukla P.

Dr. S. S. S. S. S.
18/6/2019

Project – 5

Project title: "Isolation and identification of bioactive compounds from marine sponges for white spot syndrome virus (WSSV) control"

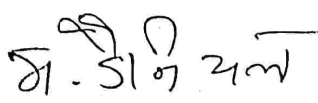
Principal Investigator : Dr. K. GOVINDARAJU, Scientist C

Co- Principal Investigator : Dr.D.Inbakandan, Scientist E and Dr.V.Ganesh Kumar, Scientist E

Budget Estimates (In Rupees)

Item	Year 1	Year 2	Year 3	Total
A. Non-Recurring				
Specific equipment				
1.Biosafety cabinet	2,20,000	-	-	2,20,000
(Laminar flow)	5,50,000	-	-	5,50,000
2.ELISA reader with accessories				
3.Cooling centrifuge	1,65,000	-	-	1,65,000
4. Osmometer	5,50,000	-	-	5,50,000
5. CO ₂ incubator	5,50,000	-	-	5,50,000
6. Inverted phase contrast microscope	4,40,000	-	-	4,40,000
Total (A)	24,75,000	-	-	24,75,000
B. Recurring				
1 Research Staff				
JRF-1				
Rs.31,000/pm + 24% HRA for 1 st & 2 nd year and Rs.35,000/pm + 24% HRA for 3 rd year)	4,61,280	4,61,280	5,20,800	14,43,360
2 Consumable	3,00,000	4,00,000	3,00,000	10,00,000
3 Contingencies	15,000	15,000	15,000	45,000
4 Other expenses (Cost of samples analysis/outsource, etc.)	60,000	60,000	40,000	1,60,000
5 Travel	70,000	70,000	60,000	2,00,000
6 Over head	38,410	43,010	39,183	1,20,603
Total (B)	9,44,690	10,49,290	9,74,983	29,68,963
Grand total (A+B)	34,19,690	10,49,290	9,74,983	54,43,963


(Dr. D. Inbakandan)


B. Shubha Rani
18/6/2019

Title: Operational expenses of ESTC (MBS) Cell at Sathyabama Institute of Science & Technology Deemed to be Univ, Chennai

Items				Grand Total
	Year 1 (Rs.)	Year 2 (Rs.)	Year 3 (Rs.)	(Rs.)
A ESTC cell Operational expenses (Expense on meeting of SSC committee travel, consumables etc.,)	2,50,000	2,50,000	2,50,000	7,50,000
B Manpower for ESTC cell operations				
i) Field Assistant-1 @Rs. 10500/pm	2,52,000	2,52,000	2,52,000	7,56,000
ii) Accounts Assistant-1 @Rs. 10500/pm				
Total(A+B) =	5,02,000	5,02,000	5,02,000	15,06,000

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

Dr. B. Sheela Rani
18/6/2019

S. No.	Research Element	1 st Year		2 nd Year		3 rd Year	
		1-6	7-12	1-6	7-12	1-6	7-12
1.	Recruitment of Project staff, Purchase of consumables and Equipment :- Manpower recruitment and Purchase of consumables and perment equipments Preparation and characterization of biofunctionalized gold nanoparticles						
2	In vitro anti cancer activity Cell culture:- The biofunctionalized properties of nanoparticles and its activity in cell culture.						
3	Assessment of cell morphology and viability Hoechst 33258 Staining & DNA ladder analysis:- Cell Morphology and cell viability will be carried out to check the anticancer potential of the nanomaterials.						
4	In-vivo studies on anticancer activity:- The animals will be kept in plastic cages under hygienic conditions and will be provided standard animal feed for anticancer studies.						
5	Experimental protocol Collection of serum Histopathology Immunohistochemistry of PCNA Flow cytometric analysis for plasma membrane potential of bacteria and fungi						
6	Protein extraction Western blot analysis Real-time polymerase chain reaction (RT-PCR) for the detection of mRNA expression of different genes Product development						


(Dr. D. Inbakandan)

Dr. B. Sheela Rani
18/6/2019

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

COR 19-2019

DST-TARE

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	IDIB0005201
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

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

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 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

Dr. D. Sheela Rani, M.S. (By Research), PhD
DIRECTOR (RESEARCH)
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jepplaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

COR/19-20/17

MoB

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	1 st year	2 nd year	3 rd 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

(Dr. D. Indukumar) SHEELA RANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH) 11/2019
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

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.

म. डी. डल
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.

म. डी. डल
9/7/2019
(Manjula Daniel)

Under Secretary to the Government of India

o/c

B. Sheela Rani

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

254

Dr. V. Ganesh
UC/SE

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

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

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) (1 st Prize –Rs.10,000, 2 nd prize – Rs.5,000/- 3 rd 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.

Amount Credited on
26/11/21 Rs. 8,80,000/-
(26-11-2021)

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 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 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.

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-in-aid 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, New 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 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 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 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 mandatorily 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. 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 Bodies (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. ²⁵⁴ 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.

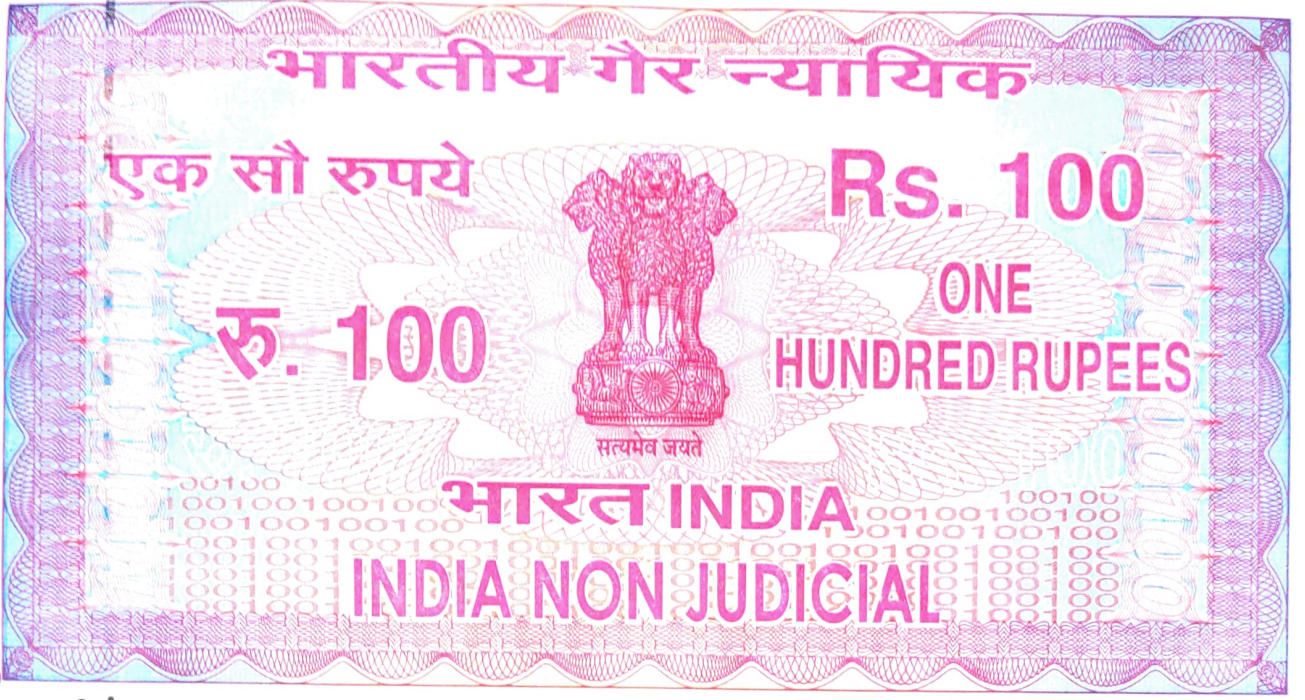
Copy for information and necessary action to:-

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



தமிழ்நாடு தமிழ்நாடு TAMILNADU

13/11/21

SIST

CE 751859

A.T. Vijayakumar
L.No. 14817/94

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.

[Signature]
Dr. 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.

B. Shree R.

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:

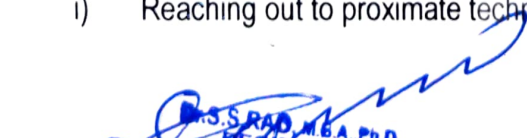
- a) Creation of a platform for establishing interaction between academia and MSME industries on a mutually win-win basis towards identifying the technological gap areas.
- b) Establishing a platform for the MSME cluster industries to access R&D and technical support leveraging the knowledge base of 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.

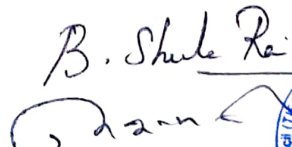
WHEREAS in consideration of TIFAC agreeing to provide grants-in-aid for fulfilling the objectives of the scheme on the mutual covenants hereinafter contained, the parties hereto agree as follows:

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.


S. S. RAO, M.B.A., Ph.D.,
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(DEEMED TO BE UNIVERSITY)
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Chennai - 600 119.




- 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

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

- Submission of three cluster specific reports
- Disseminating the recommendations of the report within the cluster.
- 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 <u>Accountant</u> @ 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
G 2000

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:

[Signature]
Dr. 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.

[Signature]
B. Shule Ri
[Signature]
TIFAC
Department of Science & Technology
Government of India
Forecasting and Assessment
Council (TIFAC)

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

B. Shule Re.

TIFAC
Department of Science & Technology
Government of India

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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Dr. S. S. RAO, M.B.A., PH.D.,
REGISTRAR
SATHYABAMA
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119.

B. Shukla Rai
G 212
Department of Information Technology
Council of Scientific & Industrial Research
Government of India

- 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

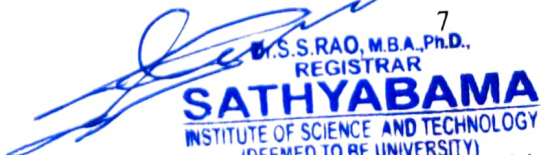
The agreement shall be effective from the date of signing of the agreement. If Agreement is signed through circulation by post, the date on which TIFAC signs the Agreement shall be considered as effective. The Agreement shall be valid for a period of **two (2) years**. However, if any / some / all of 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.

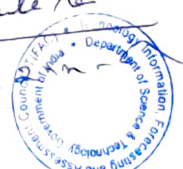
7.0 Short closure or Termination

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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Chennai - 600 119.

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, Vishwakarma 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.

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SATHYABAMA
REGISTRAR
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai – 600 119.

B. Shule Rai
Technology Information, Forecasting and Assessment Council
Department of Science & Technology
Government of India

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 inoperative, 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)

Signed for and on behalf of
TIFAC, New Delhi

मुकेश माथुर / MUKESH MATHUR
वैज्ञानिक 'एफ' एवं प्रशासकी (विज्ञान 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/Dept. of Science & Technology, Govt. of India
नई दिल्ली-110016 / New Delhi-110016

Witness (Signature, name, designation & address)

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

1. B. Shubala

2. V. J. [Signature]

1. D. Singh

2. [Signature]

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS - Sanction Letter

File No. 8-96/FDC/RPS/POLICY-1/2021-22

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. 1050000/- being the 1st installment of the total grant of Rs. 1200000/- 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. 1050000/- (Rupees Ten Lakh Fifty Thousand Only) as 1st installment out of a total approved grant-in-aid of Rs.1200000/- 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. WILSONDURASAMY ABITHA MEMALA (ELECTRICAL AND ELECTRONICS ENGINEERING)
III.	Co-Principal Investigator's Name & Dept.	: JAYARAMAN LILLY MERCY (MECHANICAL ENGINEERING)
IV.	Grant-in-aid Sanctioned	: Rs. 1200000/- (Rs. 900000/- for non-recurring and Rs.300000/- for recurring expenditure)
V.	Amount to be Released during the year 2021-22 (as 1 st installment)	: Rs. 1050000/- (Rs. 900000/- Full amount of non-recurring & Rs. 150000/- recurring i.e. 50 % of total sanctioned recurring grant)
VI.	Project Duration	: 3 Years
VII.	Title of the Project	: Internet of Things based Signal Processing Techniques for Predictive Maintenance and Remote Condition Monitoring of Elevators

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
AAITS657 2P	INDIAN BANK	Sathyabama	Jeppiaar Nagar, Rajiv Gandhi Road, Salai	Sathyabama Institute of Science and Technology- Research	Current Account	849833721	IDIB0005201

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)

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)	Hall effect voltage sensor	3	Rs. 900000/-
ii)	Controlling circuit	1	
iii)	Current probes	3	
iv)	Customized FPGA based DAQ	1	
v)	Data Acquisition System	1	
vi)	Hall effect Current sensor	3	
vii)	Motor – Dynamometer Setup (along with the provision to create bearing fault, stator fault & Including 3 broken bar rotors)	1	
viii)	Quadrature Encoder Pulse (QEP)	1	
ix)	Real-time Analyzer	1	
x)	Signal conditioning unit and Data acquisition setup	1	
xi)	Temperature sensor	1	
xii)	Vibration sensor	3	
B.	Recurring i.e. 50% of total approved recurring grant) for Contingencies & Consumables only		Rs. 150000/-
	Grand Total (A) + (B)		Rs. 1050000/-

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. WILSONDURASAMY ABITHA MEMALA,
(ELECTRICAL AND ELECTRONICS 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

13 FEB 2022

(Col. B. Venkat)
Director (FDC)



Ramya D <ramya.devasahayam@gmail.com>

REGARDING START UP-AGREEMENT

Teresa Joy Manager-AIC IIITK <communitymanager-aic@iiitkottayam.ac.in>
To: Ramya D <ramya.devasahayam@gmail.com>

Tue, May 17, 2022 at 12:53 PM

Dear Remya,

Greetings from **Atal Incubation Centre IIIT KOTTAYAM**

About AIC IIIT Kottayam:

AIC IIITKottayam Foundation is a non-profit Sec.8 company. It is sanctioned under the Atal Innovation Mission scheme of Govt. of India. The center will address the existing problems of entrepreneurs by providing them sufficient input in terms of knowledge, guidance, mentoring, training, and demonstrations. In addition, the space and facility will be provided to them. The center will incubate start-ups to increase the utility of technology relating to IoT and Cloud solutions for societal benefits as well as various other domains.

Incubates at AIC-IIITKottayam will get opportunities to create their prototype and implement them after a thorough market analysis is achieved from their end. The product prototype could be initially designed with a 3D printer (if required); the software prototype could be designed at the computing space available at AIC-IIITKottayam; and, the real implementation could be carried out at the hardware level.

In addition, the software services, including platform services, will be designed considering the end-to-end holistic picture of the product in the mind. Later, the models will be exhibited jointly with the sales department of AIC-IIITKottayam.

We also help our incubatees by:

- Conducting product/service showcase events at National/International levels
- Highlight products at Govt. level meetings hosted by NITI AAYOG, Govt Of India and AIM.
- Support start-ups in getting mentored in all ways with the help of our Mentors who are experienced in various domains.
- Help start-ups in improving their technology.
- Connect with Investors (Pvt as well as Govt Grants)
- Provide guidance and support in writing grant proposals as well as improving the pitch deck.
- Promote our incubatees through our network of global leaders in academia and Industry.

Recent Opportunities for current incubatees are:

- Getting recognised in Atal Innovation Mission's Healthtech Coffee table book (only for start-ups having their products in the market)
- Start-up India seed fund scheme (for eligible start-ups only. More details - <https://seedfund.startupindia.gov.in/>)

5/17/22, 6:42 PM

Gmail - REGARDING START UP-AGREEMENT

- Participate in the National Pitching event organised by AIC IIITKOTTAYAM - (an event being organised by AIC IIIT KOTTAYAM in association with verified Investment agencies, by August mid)
- Up to 15 lakhs grant for registered MSME's through our MSME incubation wing.
- We support Start-ups from all sectors

We offer 2 types of incubation programs.

- *Virtual Incubation* - 2000/month. You will get all services except the office space at AIC
- *Physical Incubation* - 3000/month. Office space including seating for 2 + access to all other physical facilities at AIC – eg. Conference rooms, labs, machines etc.

We are happy to inform you that you have been selected for incubation with AIC IIIT KOTTAYAM.
Heartly welcome to the family.

[Quoted text hidden]

—

Thanking you,

Teresa Joy
Incubation Manager
+91 4822 202157, 94000 63494

We are just one click away.

[AIC website](#)

[AIC Facebook](#)

[AIC Instagram](#)

Email id: communitymanager-aic@iiitkottayam.ac.in

Warm Regards



Incubation Manager at AIC IIITKottayam
Atal Incubation Center,
Indian Institute Of Information Technology
Kottayam - India



Ref: CRS/2021-22/04/624

Date: 30-03-2022

To,
Dr. Manjula M Muthurathinam
Sathyabama Institute of Science and Technology

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear **Dr. Manjula M Muthurathinam**,

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. 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



ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

(An autonomous society of the Government of Tamil Nadu)

ParthasarathyKoil Street, SIDCO Industrial Estate,
Ekkaduthangal, Guindy, Chennai 600032, Tamil Nadu

Tel : +91-44-2225-2081/82/83/84 Web : www.ediitn.in



Roc.No.II-01/44/2022/EDII/2022

Date: 17.03.2023

Sir,

Sub: EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

Ref: 1. IVP Proposal sent by **M/S V Six Inventions LLP**.
2. Minutes of the Screening Committee meeting held on 11.01.2023.

As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : **V Six Inventions LLP**
2. Project Title : **Smart stick for elders**
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 07 Months
5. Knowledge Partner : Sathyabama Institute of Science and Technology
6. Total Project Cost : Rs.2,47,000/-

Dr. Vigneshwaran

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 st Installment 50%	2 nd Installment 40%	3 rd Installment 10%		
98,800	79,040	19,760	49,400	2,47,000

Terms and Conditions of the grant :

- I. 1st Installment: 50 percent of the eligible grant will be released on signing of the Tripartite agreement.
- II. 2nd Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3rd Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2nd Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2nd and 3rd installment.

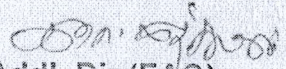
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
- X. The EDII shall not pay any extra amount for any escalation in the cost of the assignment beyond the time period stipulated in the agreement.
- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.
- XVII. The Knowledge partner should have empanelled with EDII.

You are requested to furnish us the following documents immediately:

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1st Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate.

Sd/-
Director

//By Order//


Addl. Dir (FAC)

To,

1. V Six Inventions LLP
2. Sathyabama Institute of Science and Technology



ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

(An autonomous society of the Government of Tamil Nadu)
ParthasarathyKoil Street, SIDCO Industrial Estate,
Ekkaduthangal, Guindy, Chennai 600032, Tamil Nadu
Tel : +91-44-2225-2081/82/83/84 Web : www.editn.in



Roc.No.II-01/44/2022/EDII/2022

Date :04.11.2022

Sir,

Sub: EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

Ref: 1.IVP Proposal sent by **M/S Dhaksha**.
2. Minutes of the Screening Committee meeting held on 31.10.2022.

As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : Dhaksha
2. Project Title : Active pH and Intelligent Packaging for Food Quality Sensor with increased shelf life of export quality foods *Dr kumaran*
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 12 Months
5. Knowledge Partner : Sathyabama Institute of Science and Technology
6. Total Project Cost : Rs.2,00,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 st Installment 50%	2 nd Installment 40%	3 rd Installment 10%		
80,000	64,000	16,000	40,000	2,00,000

Terms and Conditions of the grant :

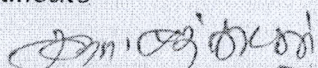
- I. 1st Installment: 50 percent of the eligible grant will be released on signing of the Tripartite agreement.
- II. 2nd Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3rd Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2nd Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2nd and 3rd installment.

- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
- X. The EDII shall not pay any extra amount for any escalation in the cost of the assignment beyond the time period stipulated in the agreement.
- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.

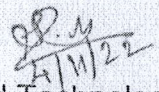
The Knowledge partner should have empaneled with EDII.

You are requested to furnish us the following documents immediately:

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1st Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate


Additional Director (FAC)

To,

1. Dhaksha
2. Sathyabama Institute of Science and Technology
- 
21/11/22



ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

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Ekkaduthangal, Guindy, Chennai 600032, Tamil Nadu

Tel : +91-44-2225-2081/82/83/84 Web : www.editn.in



Roc.No.II-01/44/2022/EDII/2022

Date:20.03.2023

Sir,

Sub: EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

Ref: 1. IVP Proposal sent by **M/S Cloud Mount Innovations Pvt Ltd.**
2. Minutes of the Screening Committee meeting held on 11.01.2023.

As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : **Cloud Mount Innovations Pvt Ltd**
2. Project Title : **Smart Projector** *Dr. Vijaya baskar*
3. Voucher Type : Voucher – A
4. Maximum Project : 06 Months
Duration
5. Knowledge Partner : Sathyabama Institute of Science and Technology
6. Total Project Cost : Rs.2,45,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 st Installment 50%	2 nd Installment 40%	3 rd Installment 10%		
98,000	78,400	19,600	49,000	2,45,000

Terms and Conditions of the grant :

- I. 1st Installment: 50 percent of the eligible grant will be released on signing of the tripartite agreement.
- II. 2nd Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3rd Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2nd Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.

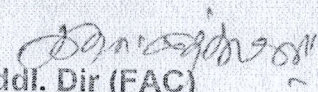
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2nd and 3rd installment.
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
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- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.
- XVII. The Knowledge partner should have empanelled with EDII.

You are requested to furnish us the following documents immediately:

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1st Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate

Sd/-
Director

//By Order//


Addl. Dir (FAC)

To,

1. Cloud Mount Innovations Pvt Ltd
2. Sathyabama Institute of Science and Technology



ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

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Roc.No.II-01/44/2022/EDII/2022

Date: 26.05.2023

Sir,

Sub: EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

Ref: 1. IVP Proposal sent by **M/S Bhogam Agro Solutions Private Limited.**
2. Minutes of the Screening Committee meeting held on 20.04.2023.

As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : **Bhogam Agro Solutions Private Limited**
2. Project Title : **Media Treated seedlings for spoilage-free farming** *Dr. Sudha Uthaman*
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 09 Months
5. Knowledge Partner : Sathyabama Institute of Science and Technology
6. Total Project Cost : Rs. 2,19,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 st Installment 50%	2 nd Installment 40%	3 rd Installment 10%		
87,600	70,080	17,520	43,800	2,19,000

Terms and Conditions of the grant:

- I. 1st Installment: 50 percent of the eligible grant will be released on signing of the Tripartite agreement.
- II. 2nd Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3rd Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2nd Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.

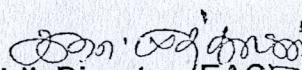
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2nd and 3rd installment.
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
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- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
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- XVII. The Knowledge partner should have empanelled with EDII.

You are requested to furnish us the following documents immediately:

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1st Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate.

Sd/-
Director

//By Order//


Addl. Director (FAC)

To,

1. Bhogam Agro Solutions Private Limited
2. Sathyabama Institute of Science and Technology



ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

(An autonomous society of the Government of Tamil Nadu)

ParthasarathyKoil Street, SIDCO Industrial Estate,
Ekkaduthangal, Guindy, Chennai 600032, Tamil Nadu

Tel : +91-44-2225-2081/82/83/84 Web : www.editn.in



Roc.No.II-01/44/2022/EDII/2022

Date: 26.05.2023

Sir,

Sub: EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

Ref: 1. IVP Proposal sent by **M/S Kattela Scientific Private Limited**.
2. Minutes of the Screening Committee meeting held on 20.04.2023.

As per the above references, this is to inform that your proposal has been approved by the Screening Committee under **"Innovation Voucher Programme"**.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : **Kattela Scientific Private Limited.**
2. Project Title : **Ozonizer for Removal of Pesticides on vegetables and Fruits** Dr. Chennakesavelu
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 06 Months
5. Knowledge Partner : SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
6. Total Project Cost : Rs.2,55,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 st Installment 50%	2 nd Installment 40%	3 rd Installment 10%		
1,00,000	80,000	20,000	55,000	2,55,000

Terms and Conditions of the grant :

- I. 1st Installment: 50 percent of the eligible grant will be released on signing of the Tripartite agreement.
- II. 2nd Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3rd Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2nd Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.

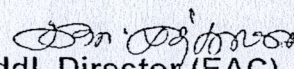
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2nd and 3rd installment.
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
- X. The EDII shall not pay any extra amount for any escalation in the cost of the assignment beyond the time period stipulated in the agreement.
- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.
- XVII. The Knowledge partner should have empanelled with EDII.

You are requested to furnish us the following documents immediately:

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1st Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate.

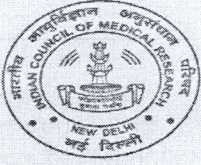
Sd/-
Director

//By Order//


Addl. Director (FAC)

To,

1. Kattela Scientific Private Limited
2. Sathyabama Institute Of Science and Technology



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
Serving the nation since 1911

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

File No.17x(3)/Adhoc/86/2022-ITR

Dated: 18.01.2023

To,

The Registrar,
Sathyabama Institute of Science and Technology,
Jeppiaar Nagar, Rajiv Gandhi Road,
Chennai-600119, Tamil Nadu.

Subject:-Sanction of Budget allotment for the ICMR Ad-hoc Project entitled "Bioinert/Superhydrophobic Coating – A Better Alternative for Excessive Bone Overgrowth Protection on Removable Implant Devices" under **Dr Gobi Saravanan Kaliaraj**, Scientist C, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119.

Sir/Madam,

The Director General of the Council sanctions the above mentioned project initially for a period of one year i.e. from 01st Feb, 2023 to 31st Jan, 2024 subject to extension up-to total duration specified in para (3) below.

The Director General of the ICMR also sanctions the budget allotment of Rs. 10,31,613/- (**Rupees Ten Lakh Thirty One Thousand Six Hundred Thirteen Only**) as detailed in the attached statement for the period 01st Feb, 2023 to 31st Jan, 2024.

First & final Installment of grant-in-aid of Rs. 10,31,613/- for the 1st year will be released out of the first year budget of Rs. 10,31,613/-. The payment of the grant will be made in one installment in the name of **SATHYABAMA UNIVERSITY-- RESEARCH ACCOUNT** through RTGS Bank **Account Number: 6089858032, IFSC Code No. IDIB000S201, MICR code of bank 600019229, Indian Bank**, Sathyabama Institute of Science and Technology Branch, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119. (A copy of Mandate Form & cancelled cheque are enclosed).

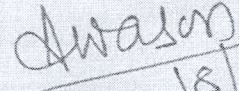
1. The first year grant will be paid generally as soon as report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in advance.
2. The staff appointed on the project should be paid as indicated in the attached budget statement.
3. The approved duration of the research scheme is **Two years**. The annual extension will be given after review of the work done on the research scheme during the previous year.
4. Five copies of the annual progress report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.

Contd.....2/-

5. The Institute will maintain a **separate saving bank account** of the receipts and the expenditure incurred on the research scheme and will furnish a utilization certificate and an audited statement of the account pertaining to the grant.
6. UTR no. will be available at <https://dbt.icmr.org.in>. The e-bill no. for your project grant is **230931**.
7. The grant will be utilized after following provision laid down in GFR-2017 and TA rules.
8. The other terms and conditions are indicated in Annexure-1 and on the website of ICMR (www.icmr.nic.in, <https://epms.icmr.org.in/>) for Guidelines and operation of project for Grantees of ICMR's Research Projects.

The receipt of this letter may please be acknowledged.

Yours faithfully,


18/1/23
Administrative Officer

Copy together with a copy of the budget statement forwarded for information to:

1. **Dr Gobi Saravanan Kaliaraj**, Scientist C, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119.
2. Copy together with copy of the budget statement forwarded to **Accounts Section-V**, ICMR for information and necessary action. The expenditure on the account may be met from the provision made for **Division of ITR for Ad-hoc project** on grant-in-aid basis in the budget of the Council for the financial year **2022-23**.
3. IRIS cell, ICMR, ID.No.2021-13654
RFC No. (P-20) ITR/Adhoc/67/2022-23 Dt. 17.01.2023



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri Hemant P. Agnihotri
Programme Officer (MSS)

BRNS Secretariat, 3rd Floor, CFB,
BARC, Trombay, Mumbai-400085
Phone: 25593470
E-mail: hemant_brns@barc.gov.in
Date: 12-07-23

No. 57/14/05/2022-BRNS/11660

OFFICE MEMORANDUM

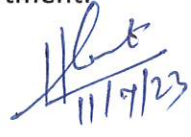
Sub: "R/P entitled "Real-Time Plasma Localization System for Tokamak plasma Images in SST-1" under **Dr V. Vijay Bhaskar**, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119 bearing sanction 57/14/05/2022-BRNS with MSS, BRNS.

In continuation of this Department's Office Memorandum of number 57/14/05/2022-BRNS-39002 dated 06-04-2023, on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India to incur an **additional expenditure of Rs. 2,68,750/- (Rupees two lakh sixty eight thousand seven hundred and fifty only)** towards equipment as detailed below:-

Item of expenditure	Amount
Equipment*	250000
Overheads	18750
Total	268750

* Additional grant for existing equipment.

2. With this the total grant sanctioned under equipment for the year 2023-24 will be **Rs. 12,00,000/- (Rupees twelve lakh only)**.
3. The remaining overheads (Rs.18,750/-) shall be released only on meeting the requirements specified. (in annex B of terms & conditions)
4. The expenditure involved is debitable to: 03 3401 00 004 27 02 31
5. This issues with the concurrence of the competent authority in the Department.


(Hemant P. Agnihotri)

Pay & Accounts Officer, DAE, Mumbai 400001.

Copy 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. Vice Chancellor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119.
4. Principal Investigator(PI): Dr V. Vijay Bhaskar, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119...**with a request to submit Claim form II for release of ^{additional} grant towards purchase of existing equipment.**
5. Member Secretary (MSS) : Dr H. Kumawat, BARC
6. Co-Investigator (CI) : Dr.E. Logashanmugam & Dr.M.S.Godwin Premi School of EEE, Sathyabama Institute of science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119
7. Project Collaborator (PC): Dr.Manoj Kumar Gupta, Laser Diagnostics Division, Institute for Plasma Research,Gandhi Nagar, Gujarat-382424
8. Co-Principal Collaborator (CO-PC)- Mr. M Padmanabhan, SECTD, BARC- **is designated as the new Co-PC as recommended by MSS committee, in the TPDM held on 08-05-2023 at CTCRS, Anushaktinagar.**


(Hemant P. Agnihotri)

Note:

- 1.Please quote the Sanction Number 57/14/05/2022-BRNS in all your correspondence with BRNS.

 O/c
11/7/23



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Hemant Prakash Agnihotri
Programme Officer (MSS)

BRNS
Secretariat, 316-C, CFB,
BARC, Trombay,
Mumbai-400085
Phone: 022-25593470
Email:
hemant_brns@barc.gov.in

No: 57/14/05/2022-BRNS/34074

Date: 15 FEB 2023

OFFICE MEMORANDUM

Sub: R/P entitled "Real-Time Plasma Localization System for Tokamak plasma Images in SST-1" under Dr V. Vijay Bhaskar, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119 bearing sanction 57/14/05/2022-BRNS with MSS, 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 **2 years** beginning from financial year **2022-2023** with a total grant of **Rs. 21,87,500/- (Rupees twenty one lakh eighty seven thousand five hundred only)** for the project as under :

Item of expenditure	Year 1 (2022-2023)	Year 2 (2023-2024)
Equipments	950000	0
Staff Salary - SRF (1)	420000	420000
Consumables	5000	5000
Travel - PI	25000	25000
Contingencies	30000	30000
Overheads	105000	33750
Total(INR)	1535000	513750

Note: * Accelerator, Cooling unit, Current and voltage controller, Custom motherboard, Driver License, EMI/EMC testing, Enclosure, Feeder, Frame grabber, Heatsink system with radiator, Image storage, License, Motherboard, Motherboard fabrication, Operating System, PCIe module, Processor, Processor main memory
SRF salary calculated @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. 1,38,750/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 15,35,000/- (Rupees fifteen lakh thirty five thousand only)** towards grant for the year 2022-2023.
- The expenditure involved is debitable to: **3401 00 004 27 0231.**
- This is issued with the concurrence of the competent authority in the Department

Hemant Prakash Agnihotri
14/2/23

Hemant Prakash Agnihotri

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. Vice Chancellor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119.
4. Principal Investigator(PI): Dr V. Vijay Bhaskar, Professor, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-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 Institute of Science and Technology-RESEARCH, IFSC: IDIB000S201, Indian Bank, Sathyabama Institute of Science and Technology Branch, Chennai-600119.

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 MSS:

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 MSS, 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 (MSS) : Dr. H Kumavat, harphool@barc.gov.in; Ph:+91-2221234567
7. Co-Investigator (CI) : Dr.E. Logashanmugam & Dr.M.S.Godwin Premi School of EEE, Sathyabama Institute of science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600119, Email : vijayabaskar.ece@sathyabama.ac.in & godwin.etc@sathyabama.ac.in
8. Project Collaborator (PC): Dr.Manoj Kumar Gupta, Laser Diagnostics Division, Institute for Plasma Research, Gandhi Nagar, Gujarat-382424, Email : mkg@ipr.res.in, Mobile :9574690376

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.

Hb
14/2/23

Hemant Prakash Agnihotri

Note:

1. Please quote the Sanction Number 57/14/05/2022-BRNS in all your correspondence with BRNS
2. Kindly submit a request for revalidation of the 1st year grant from FY 2022-23 to FY 2023-24, so that the start date of the project will be from 01st April 2023

O/c
14/2/23

Rans

15 FEB 2023