

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/-

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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 Bodies (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, Jeppiaar 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



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



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.

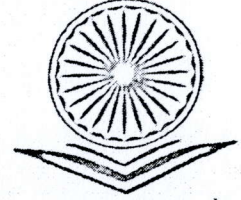
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सत्यमेव जयते

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

Reg. SERB TARE funding
1 message

Gopika G <gopikag1987@gmail.com>
To: vcoffice@sathyabama.ac.in

Wed, Oct 19, 2022 at 11:35 AM

Hello Sir,

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

Eligibility

Nature and Duration of Support

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

Research fellowship of Rs. 60,000/- per year (in addition to the researcher's own salary) will be provided subject to completion of minimum 90 days research work per year in the host institution. Research grant of Rs. 7 lakhs per annum (50% each to host and parent institution) and overheads (as per SERB norms) will be provided

Selection & Mode of Application

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

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

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

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

File Number: TAR/2022/000258

Dated: 06-Oct-2022

Subject: Project titled "CsPbBr₃ perovskite/ transition metal di-chalcogenides (TMDCs) based composite solar cell for enhanced power conversion efficiency"

Dear Dr. Gopika G,

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

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

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

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

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

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

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

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

Yours sincerely,

(Dr. Arvind Chaudhary)
Scientist D

Dr. Gopika G

Center For Nanoscience And Nanotechnology

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

If any further information is required please contact me.

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



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.

(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.

Samuel
28/12/2021



89

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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17

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

TELEPHONE / Tel. 26562119, 26567373,
26562134, 26562122 (EPBAX)
TELEFAX / Fax 26569008, 26515537,
26561047, 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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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.

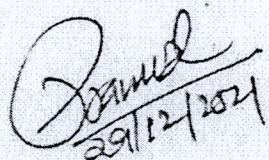
14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

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

55
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 *****

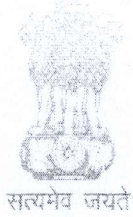
Please do not reply to this mail !!

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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.

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

Dated: 15 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. Puliakurichi 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

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**

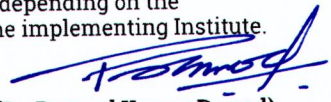
S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Diving-PAM-II Underwater fluorometer with miniature spectrometer -> Underwater pH and Temperature Data Logger	600000
A'	Total (Non-Recurring)	600000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, 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

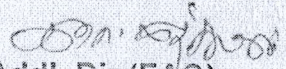
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For 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

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
1/2/2023

- Codal provisions as conveyed in GFR, manual on Policies and Procedures for purchase of Goods and GoI instructions issued from time to time for services and requisition of research personnel shall be ensured.
- Due acknowledgment 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 release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
- **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.**
- The Position of project staff is co-terminus with the duration of the project & MoES would have no liability towards such manpower costs beyond the duration of the project.
- Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project, etc.
- Goods (Consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
- If one-time assistance or non-recurring grants as Grant-in-Aid for Rs. 10.00 lakh to Rs. 50.00 lakh, it should be included in the Annual Report of the Institute.
- The grantee Institute must ensure compliance of any other provisions of GFR -2017 and guidelines amendments issued from Govt. of India from time to time.
- The grantee Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure. The grantee Institute is requested to utilized the released funds in first one year.
- The grantee Institute will ensure the compliance of OM. No. F.No. 1(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.
- 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.
- The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the MoES), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

5.0 This issues under powers delegated to this Ministry and with the concurrence of IFD vide their Dy. No. 50(R)/IFD/6614/2022-23/REACHOUT dated 04.05.2022 and with the approval of the Secretary, MoES vide E-file. No. 6614/Secy/2022 dated 05.05.2022.

Manjula Daniel
1/2/2023
(Manjula Daniel)

Under Secretary to the Govt. of India



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

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, Prof. Sudhakar Panda, Director, NISER, Jatni, Khordha-752050, Odisha.
4. Principal Investigator(PI): Dr. Karthick Velu, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Sal, Prof. Sudhakar Panda, Director, NISER, Jatni, Khordha-752050, Odisha.
mail id:vkathick.cor@sathyabama.ac.in, Mob.No.9952420256

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, JEPPIAAR NAGAR, RAJIV GANDJI SALAI, 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 HLC:

- 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.

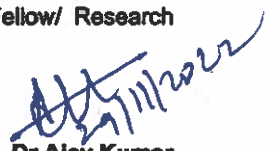
ii) **Sanction Letter:** If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) **Claim:** On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer HLC, 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 (HLC) : Dr. Amit Kumar, amitk@barc.gov.in; Ph:+91-02225590418 / 2559 5978
7. Co-Investigator (CI) : Dr. Parameswaran Vijayakumar, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Rajiv Gandhi Salai Chennai 600119, Email : paramesh.cor@sathyabama.ac.in, Mobile :7708838628
8. Project Collaborator (PC): Dr. Harapriya Mohapatra, Associate Professor School of Biological Sciences National Institute of Science Education and Research Bhubaneswar Odisha 752050, Email : hm@niser.ac.in, Mobile :6742494225
9. Member Secretary (HLC) : Dr. Amit Kumar, amitk@barc.gov.in; Ph:+91-02225590418 022-2559 5978

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


Dr Amit Kumar

Note:

1. Please quote the Sanction Number 54/14/04/2022-BRNS/ in all your correspondence with BRNS


28/11/2022

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)

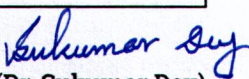
Scientist C

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 Instite 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)

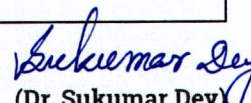
Scientist C

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

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. 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.

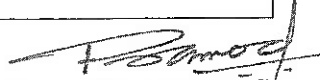
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

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. Inbakandan)


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 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)

(Dr. D. Stalin Dhas T.)
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.

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, Near 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 mandatory procured online through GeM only.

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

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

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

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

15. 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.

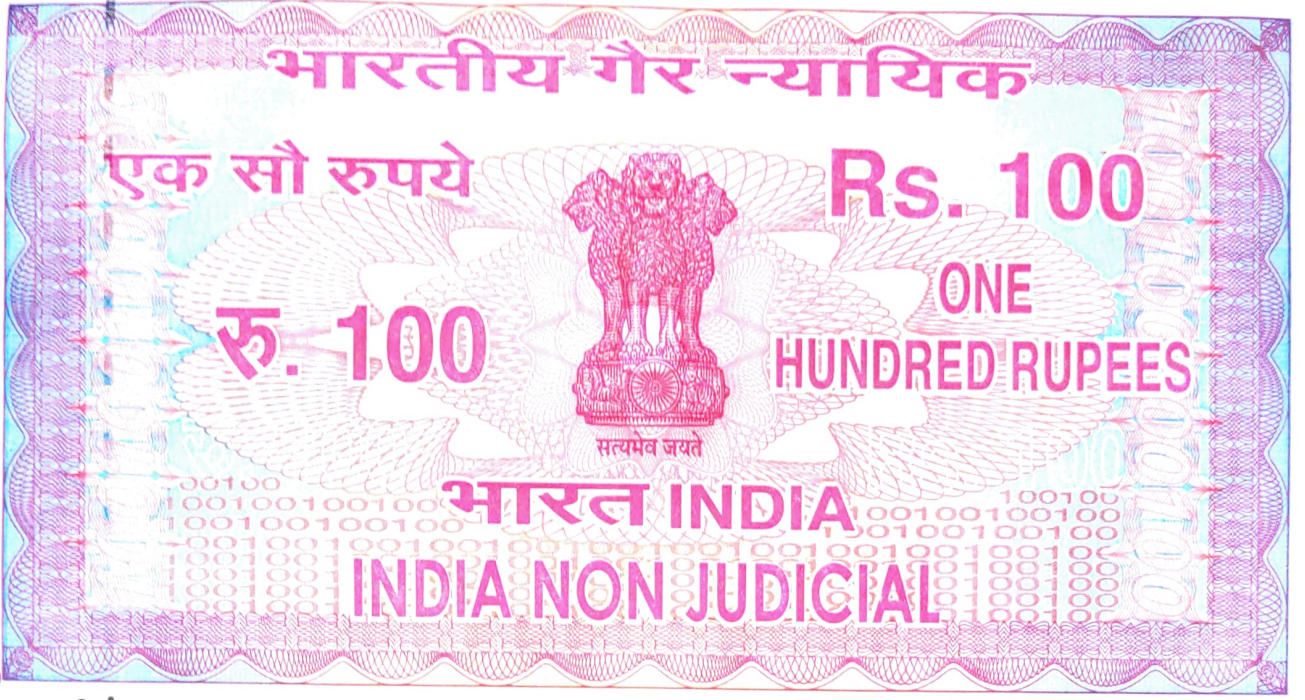
Copy for information and necessary action to:-

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

[Signature]
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.

[Signature]
B. Shree Sri

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

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

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

Objectives:

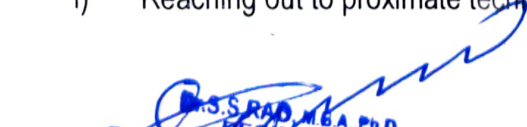
- a) Creation of a platform for establishing interaction between academia and MSME industries on a mutually win-win basis towards identifying the technological gap areas.
- b) Establishing a platform for the MSME cluster industries to access R&D and technical support leveraging the knowledge base of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

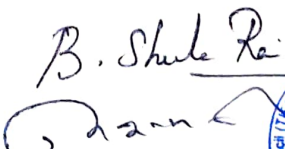
WHEREAS in consideration of TIFAC agreeing to provide grants-in-aid for fulfilling the objectives of the scheme on the mutual covenants hereinafter contained, the parties hereto agree as follows:

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

1.1 Role and Responsibilities

- i) Reaching out to proximate technologically homogenous MSME clusters.


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INSTITUTE OF SCIENCE AND TECHNOLOGY
(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
[Circular Stamp]
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.,
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.

B. Shule Rai

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.,
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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

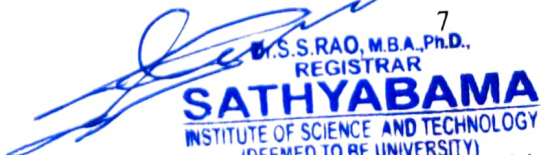
The agreement shall be effective from the date of signing of the agreement. If Agreement is signed through circulation by post, the date on which TIFAC signs the Agreement shall be considered as effective. The Agreement shall be valid for a period of **two (2) years**. However, if any / some / all of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

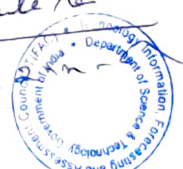
7.0 Short closure or Termination

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
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