

No. BT/PR34491/NDB/39/678/2020
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated:28.10.2021

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 "Network Programme for Enrichment and Update of Database on Genome Related Information for Indian Spermatophyta and Archegoniatae Taxa- Phase II" for a period of 3 Years at a total cost of Rs. 2,22,88,080/- (Rupees Two Crores Twenty Two Lakhs Eighty Eight Thousand and Eighty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : Network Programme for Enrichment and Update of Database on Genome Related Information for Indian Spermatophyta and Archegoniatae Taxa- Phase II

2.2 Details of the Investigators:

Project Coordinator

Prof. Satyawada Rama Rao

Professor,
Department of Biotechnology and Bioinformatics
North-Eastern Hill University,
Shillong 793022

Principal Investigators:

Prof. Satyawada Rama Rao

Professor,
Department of Biotechnology and
Bioinformatics
North-Eastern Hill University,
Shillong 793022

Dr. Manoj Lekhak


Assistant Professor,
Department of Botany
Shivaji University, Kolhapur,
Maharashtra-416004

Dr. Samanta Vaishnavi

Assistant Professor,
Department of Botany
Central University of Jammu
Rahya-Suchani (Bagla), District Samba,
Jammu (J&K)-181143

Dr. Vijay Rani Rajpal

Associate Professor,
Department of Botany
Hansraj College, University of Delhi
Delhi - 110007


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, N. Delhi

2.5 Project Cost:

The total cost of the project is Rs. 2,22,88,080/- (Rupees Two Crores Twenty Two Lakhs Eighty Eight Thousand and Eighty Only) as per details given below:

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Amity University, Noida	11,12,560	11,42,560	12,31,600	34,86,720
2. Central University of Jammu, Jammu	11,13,040	10,83,040	11,64,400	33,60,480
3. Hansraj College, University of Delhi, Delhi	11,72,560	11,42,560	12,31,600	35,46,720
4. North-Eastern Hill University, Shillong	17,07,280	17,47,280	18,38,640	52,93,200
5. Shivaji University, Kolhapur	10,53,040	10,83,040	11,64,400	33,00,480
6. University of Jammu, Jammu	10,53,040	10,83,040	11,64,400	33,00,480
Total (Rs.)	72,11,520	72,81,520	77,95,040	2,22,88,080

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. North-Eastern Hill University, Shillong				
Manpower	1517280.00	1517280.00	1628640.00	4663200.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	50000.00	50000.00	130000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1707280.00	1747280.00	1838640.00	5293200.00
2. Hansraj College, University of Delhi, Delhi				
Equipment	60000.00			60000.00
Manpower	922560.00	922560.00	1041600.00	2886720.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	40000.00	30000.00	100000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1172560.00	1142560.00	1231600.00	3546720.00
3. Amity University, Noida				
Manpower	922560.00	922560.00	1041600.00	2886720.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	40000.00	30000.00	100000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1112560.00	1142560.00	1231600.00	3486720.00
4. Central University of Jammu, Jammu				
Equipment	60000.00			60000.00
Manpower	863040.00	863040.00	974400.00	2700480.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	40000.00	30000.00	100000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1113040.00	1083040.00	1164400.00	3360480.00

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5. Shivaji University, Kolhapur				
Manpower	863040.00	863040.00	974400.00	2700480.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	40000.00	30000.00	100000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1053040.00	1083040.00	1164400.00	3300480.00
6. University of Jammu, Jammu				
Manpower	863040.00	863040.00	974400.00	2700480.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	30000.00	40000.00	30000.00	100000.00
Consumables	60000.00	80000.00	60000.00	200000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	1053040.00	1083040.00	1164400.00	3300480.00

2.6 Equipment

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

2.7 Manpower:

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

2.8 Quarterly Deliverables

The quarterly deliverables of the project sanctioned for the implementation of the project at Annexure-III.

3. Head of Account:

The Non-Recurring expenditure involved is debitable to:

Demand No. 89	Department of Biotechnology
3425	Other Scientific Research 2021-2022
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The Recurring expenditure involved is debitable to:

Demand No. 89	Department of Biotechnology
3425	Other Scientific Research 2021-2022
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

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, N. Delhi

No. BT/INF/22/SP43063/2022
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

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

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "**DBT-BUILDER –Shivaji University Interdisciplinary Life Science Programme for Advance Research and Education**" for a period of 5 Year 0 Month at a total cost of Rs. **42795120** (Rupees Four Crores Twenty Seven Lakhs Ninety Five Thousand One Hundred and Twenty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**DBT-BUILDER –Shivaji University Interdisciplinary Life Science Programme for Advance Research and Education**"

2.2 Details of the Investigations:

Prof. Pramod Shankarrao Patil

Pro Vice Chancellor
Department of Physics/School of
Nanoscience and Te
Shivaji University
Office of Pro-Vice Chancellor,

Dr. Kiran Dagadu Pawar

Assistant Professor or Assistant
Director
School of Nanoscience and
Biotechnology
Shivaji University

**Dr. Mansingraj Shahajirao
Nimbalkar**

Assistant Professor
Dept. of Botany
Shivaji University
Dept. of Botany, Shivaji

**Prof. Kailas Dasharath
Sonawane**

Professor
Department of Biochemistry
Shivaji University
Dept of Biochemistry, Shivaji

Prof. Pramod Shankarrao Patil

Pro Vice Chancellor
Department of Physics/School of
Nanoscience and Te
Shivaji University
Office of Pro-Vice Chancellor,

2.3 Objectives:

1. To upgrade state of the art training laboratories for post graduate teaching and research in nanobiotechnology and life science
2. Enrichment, isolation, screening, identification and evaluation of nanobiotechnologically important bacteria, fungi and plants and their long term storage, preservation and distribution.
3. Use of nanobiotechnologically important bacteria, fungi and plants for optimized biosynthesis of various metal, metal oxide nanoparticles and other nanomaterials for biomedical and biotechnology applications.
4. To organize training, workshops and awareness programmes on research and teaching in nanobiotechnology and life science for technicians and colleges teachers of the Western Maharashtra region
5. Use of biologically synthesized nanoparticles/ nanomaterials for biomedical and biotechnology application such as anticancer activity, antimicrobial activity, mosquitocidal activity, wound healing activity, targeted drug delivery, biosensing and nanofertilizers applications

2.4 Time Schedule:

The duration of the project is 5 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **42795120/-** (Rupees Four Crores Twenty Seven Lakhs Ninety Five Thousand One Hundred and Twenty Only) as per details given below :

Budget Head	Year I	Year II	Year III	Year IV	Year V	Total (Rs.)
Equipment	25200000.00					25200000.00
Manpower	1948800.00	1948800.00	2115840.00	2115840.00	2115840.00	10245120.00
Overhead	200000.00	200000.00	200000.00	200000.00	200000.00	1000000.00
Travel	100000.00	100000.00	100000.00	100000.00	100000.00	500000.00
Consumables	1000000.00	1000000.00	1000000.00	1000000.00	1000000.00	5000000.00
Contingency	50000.00	50000.00	50000.00	50000.00	50000.00	250000.00
AMC/CMC of existing equipment		100000.00	100000.00	200000.00	200000.00	600000.00
Total (Rs.)	28498800.00	3398800.00	3565840.00	3665840.00	3665840.00	42795120.00

2.6 Equipment:

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

2.7 Manpower:

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

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 89	Department of Biotechnology
3425	Other Scientific Research 2021-2022
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 89	Department of Biotechnology
3425	Other Scientific Research 2021-2022
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance to Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

1. It is mandatory to acknowledge financial support provided by DBT via inclusion of Reference/Grant number, Name of the Department (i.e. DBT) and the duration of the financial support including the dates in acknowledgement section of publications/patents/technology transfer documents vide notification no. DBT/PCAH/Gen/01 dated 7th June 2012.
2. It is obligatory to assess/observe the biosafety compliance for rDNA activities to be performed by institutions and investigators for the proposals submitted to DBT for financial support as per the notification vide no. BT/BS/17/459/2011-PID dated 26th September 2012.
3. As per the Ministry of Finance OM. No. C-13015(34)/MF CGA/PFMS/Misc/2014-15/2095-2127 dated 03.03.2015 all transaction involving cash component has to be made through Public Financial Management System (PFMS) w.e.f. 01.04.2015 to each beneficiary.
4. No Utilization Certificate is pending with the implementing Institute. All the Utilization Certificates due for rendition have been received and accepted by the head of Division/Competent Authority.
5. As per Rule (233) of GFR2017, (ownership in physical and intellectual assets created through funds shall vest in the sponsor).
6. The institute should utilize this Non-Recurring amount within a period of 18 months.
7. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten Percent per annum thereon shall be recovered
8. The ownership of physical and intellectual assets created or acquired out of these funds shall rest with the DBT.
9. Continuation of the project beyond 31.03.2022 will be subject to the appraisal and approval of the relevant scheme for the continuation beyond 31.03.2022.
10. After completion of the project period, the retention of equipment(s) purchased out of the project grant by the private agencies /NGOs is not allowed as per the prevailing Govt. of India instructions.

Hence, the Pvt. Institutes/ NGOs involved in the instant project shall abide by the instructions issued/ to be issued by the Department in this regard from time to time.

11. The quarterly deliverables of the project are annexed at Annexure A for proper monitoring of progress of the project as per the said deliverables. PI should follow this for successful implementation of project and bringing it to a logical conclusion.

12. The expenditure by the implementing agency is to be incurred only through the EAT module of PFMS.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The interest earned should be remitted to the Consolidated fund of India through Bharat Kosh portal(www.bharatkosh.gov.in) as per GFR-2017-230(8) after finalization of the account for a given Financial Year.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Finance and Accounts Officer, Shivaji University, Kolhapur, Maharashtra would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated on 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10.(I) "The PIs/Implementing Agencies shall strictly adhere to the GoI instructions issued vide OM No.F.4.1.2021-PPD dated 30.6.2021 in the matter of issue of Global tender Enquiry with special reference to instructions contained under para 4 of the said OM for procurement of equipments, spares and consumables for research purposes and shall not issue Global Tenders Enquiries before seeking the approval of the competent authority".

(II) "After incurring the expenditure on import of such items and at the time of submission of UCs to the department next year, the PIs will also furnish the copy of the approval sought from the competent authority for issue of the GTE for such items of import. The release of next installment of grant will be subject to the fulfillment of the above condition."

- 11.If any biological data as specified in the guidelines are being generated in the project then PI should submit the data generated in the project to Indian Biological Data Centre – The National Repository being implemented at Regional Centre for Biotechnology, Faridabad in compliance with the Biotech-PRIDE Guidelines 2021.
- 12.This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.**102/IFD/SAN/3238/2021-2022** dated **March, 11 2022**.
- 13.This sanction order has been noted at serial no._____ in the Register of Grants.

(Dr. Garima Gupta)
Scientist 'F'

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

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Finance and Accounts Officer, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
- 3 Dr. Kiran Dagadu Pawar, Assistant Professor or Assistant Director, School of Nanoscience and Biotechnology, Shivaji University, Schhol of Nanoscience and Technology, Shivaji University campus, Vidyanagar, Kolhapur, Kolhapur - 416004, Maharashtra
- 4 Dr. Mansingraj Shahajirao Nimbalkar, Assistant Professor, Dept. of Botany, Shivaji University, Dept. of Botany, Shivaji University campus, Vidyanagar, Kolhapur, Kolhapur - 416004, Maharashtra
- 5 Prof. Kailas Dasharath Sonawane, Professor, Department of Biochemistry, Shivaji University, Dept of Biochemistry, Shivaji University campus, Vidyanagar, Kolhapur, Kolhapur - 416004, Maharashtra
- 6 Prof. Pramod Shankarrao Patil, Pro Vice Chancellor, Department of Physics/School of Nanoscience and Te, Shivaji University, Office of Pro-Vice Chancellor, Shivaji University, Kolhapur, Kolhapur - 416004, Maharashtra
- 7 Cash Section, DBT (2 copies).
- 8 Sanction Folder.
- 9 File Copy.

(Dr. Garima Gupta)
Scientist 'F'

Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled "**DBT-BUILDER –Shivaji University Interdisciplinary Life Science Programme for Advance Research and Education**":

Shivaji University			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Fourier Transform Infra red (FTIR) spectrometer	1	2500000.00
2.	Flow cytometer	1	3000000.00
3.	CO2 Incubator	1	600000.00
4.	Biosafety Cabinet	1	600000.00
5.	Clean Room	1	2500000.00
6.	Fluorescence spectrophotometer	1	1500000.00
7.	Inverted Phase contrast Fluorescence Microscope	1	2000000.00
8.	Bioinformatics Server and softwares	1	2000000.00
9.	Floor mounted centrifuge	1	1200000.00
10.	Table top Centrifuge	1	800000.00
11.	Real Time PCR	1	1200000.00
12.	Tangential flow filtration system	1	600000.00
13.	PTC culture room renovation	1	800000.00
14.	Spectrophotometer	1	600000.00
15.	Lyophilizer	1	800000.00
16.	Minor equipments and accessories	1	500000.00
17.	Multimodal plate reader with imaging/ High Content Analysis system for ATC	1	4000000.00
Total			25200000.00

(Dr. Garima Gupta)
Scientist 'F'



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NAAC(2021) With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004,
MAHARASHTRA

PHONE :EPABX-0231-2609000, 2609145,
www.unishivaji.ac.in, stats@unishivaji.ac.in
शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र.
दुरध्वनी: (ईपीएबीएक्स) ०२३१-२६०९०००, २६०९१४५



Ref No. : SU/C&U.D.Section/2022-2023/2/282

Date: 19 JUL 2023

To,
Dr. Pawar Kalyani Babasaheb
Department of Botany,
Shivaji University, Kolhapur.

Sub: Financial Assistance for the Research Project under Diamond Jubilee Research
Strengthening Scheme 2022-2023 for University Teachers.

Ref: Our Office Circular No : SU / C.&U.D. Section/RSS/1122 dt. 29/11/2022.

Sir / Madam,

With reference to your application for financial assistance under Diamond Jubilee Research Strengthening Scheme 2022-2023, I am directed to inform you that your research project entitled "*Evaluation of phytoremediation potential of selected plant species against toxicity of heavy metals*" has been accepted for the financial support under the above scheme for the period of two years from the date of sanction. The total grant for the projects will be ₹. 250000/-. The Details of the funds sanctioned. :

Sr. No	Item	Amount sanctioned in Rs.		
		1 st Year	2 nd Year	Total
A)	Recurring			
	1) Books and Journals	₹. 0/-	₹. 0/-	₹. 0/-
	2) Hiring Services	₹. 25000/-	₹. 25000/-	₹. 50000/-
	3) Field Work and Travel	₹. 10000/-	₹. 10000/-	₹. 20000/-
	4) Chemical and Glassware	₹. 40000/-	₹. 40000/-	₹. 80000/-
	5) Contingency	₹. 10000/-	₹. 10000/-	₹. 20000/-
B)	Non-recurring			
	*Equipment	₹. 80000/-	₹. 0/-	₹. 80000/-
	Total	₹. 165000/-	₹. 85000/-	₹. 250000/-
* Name of the Equipments: Glass Distillation Unit, Auto Digital pH meter				

The Principal Investigator must be submit (a) Acceptance letter (Annexure B), (b) Undertaking duly signed by the P.I and Principal in the prescribed format, as early as possible.

The Principal Investigator is requested to strictly follow the guidelines of the scheme and Terms & Condition on Page No. 2, for smooth implementation of the project under the said scheme.

Guidelines of the scheme are available on University website.

Thanking you,

Yours faithfully,

Deputy Registrar,
Colleges and University Development Section
Shivaji University, Kolhapur

Encl. :- As above

Copy to:

- Account (P.G. Bill) Section
- The Head, Department of Botany, Shivaji University, Kolhapur.



Estd: 1962
"A++" Accredited by
NAAC(2021) With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004,
MAHARASHTRA

PHONE :EPABX-0231-2609000, 2609145,
www.unishivaji.ac.in, stats@unishivaji.ac.in
शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र.
दूरध्वनी: (ईपीएबीएक्स) ०२३१-२६०९०००, २६०९१४५



Ref No. : SU/C&U.D.Section/2022-2023/1/281

Date: 19 JUL 2023

To,
Dr. S. G. Ghane
Department of Botany,
Shivaji University, Kolhapur.

Sub: Financial Assistance for the Research Project under **Diamond Jubilee Research Strengthening Scheme 2022-2023 for University Teachers.**

Ref: Our Office Circular No : SU / C.&U.D. Section/RSS/1122 dt. 29/11/2022.

Sir / Madam,

With reference to your application for financial assistance under Diamond Jubilee Research Strengthening Scheme 2022-2023, I am directed to inform you that your research project entitled **"Studies on influence of LED (Light-Emitting Diode) light on growth, nutrition and bioactives in selected sprouts, microgreens, and leafy vegetables"** has been accepted for the financial support under the above scheme for the period of two years from the date of sanction. The total grant for the projects will be ₹. 270000/-. **The Details of the funds sanctioned. :**

Sr. No	Item	Amount sanctioned in Rs.		
		1 st Year	2 nd Year	Total
A)	Recurring			
	1) Books and Journals	₹. 0/-	₹. 0/-	₹. 0/-
	2) Hiring Services	₹. 7500/-	₹. 7500/-	₹. 15000/-
	3) Field Work and Travel	₹. 5000/-	₹. 5000/-	₹. 10000/-
	4) Chemical and Glassware	₹. 22500/-	₹. 22500/-	₹. 45000/-
	5) Contingency	₹. 25000/-	₹. 25000/-	₹. 50000/-
B)	Non-recurring			
	*Equipment	₹. 150000/-	₹. 0/-	₹. 150000/-
	Total	₹. 210000/-	₹. 60000/-	₹. 270000/-
* Name of the Equipments: Portable Spectro-Radiometer				

The Principal Investigator must be submit (a) Acceptance letter (Annexure B), (b) Undertaking duly signed by the P.I and Principal in the prescribed format, as early as possible.

The Principal Investigator is requested to strictly follow the guidelines of the scheme and Terms & Condition on Page No. 2, for smooth implementation of the project under the said scheme.

Guidelines of the scheme are available on University website.

Thanking you,

Yours faithfully,

Deputy Registrar,
Colleges and University Development Section
Shivaji University, Kolhapur

Encl. :- As above

Copy to:

- Account (P.G. Bill) Section
- The Head, Department of Botany, Shivaji University, Kolhapur.

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24014701/24020781
 Fax : 24024068/24023516
 Website: <http://mpcb.gov.in>
 E-Mail: jdair@mpcb.gov.in



KALPATARU POINT, 3rd Floor,
 Sion- Matunga Scheme Rd. No.8,
 Opp. Sion Circle, Sion (East),
 Mumbai-400 022.

No. MPCB/JD-APC/ NAMP-Extn/ B- 4921

Date: 28/12/2018

OFFICE MEMORANDUM

Sub: Extension of Sanction of financial assistance for Operation and Maintenance (O&M) of the NAMP/SAMP stations in Maharashtra.

MPCB is implementing NAMP/SAMP in the state of Maharashtra. As decided in the 146th Board meeting, Board has involved educational Institutes in O & M of the NAMP stations. Board has already entered in MoU with these institutes for the O & m of the NAMP/SAMP stations. These stations are operated as per CPCB approved protocol and financial scheme and necessary budget provision are in place.

Board is pleased to extend the period of O & M sanction order for the following NAMP/SAMP stations to the respective operating educational institutes as per the period mentioned below;

Sr. No	Name of the City	No. of NAMP/ SAMP station	Operated by	Due date of Extension	Extension given from/up to
1	Mahad	3	Dr. Babasaheb Ambedkar College, Mahad	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
2	Aurangabad	3	SBES College, Aurangabad	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
3	Navi Mumbai	6	KBP College, Vashi (Modern College)	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
4	Ulhasnagar	2	CHM College, Ulhasnagar	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
5	Badlapur	1			1 st Jan 2019 - 31 st Dec '2019
6	Ambarnath	1			1 st Jan 2019 - 31 st Dec '2019
7	Dombivli	2 (1NAMP+1SAMP)			1 st Jan 2019 - 31 st Dec '2019
8	Jalna	2	Badrinath Barwale Maha Vidhyalaya, Jalna	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
9	Nagpur	4 (3M+1D)	VNIT, Nagpur	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
10	Akola	3	College of Engineering and Technology, Akola	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
11	Amravati	3	Govt. college of Engineering, Amravati	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
12	Sangli	3	Walchand College of engineering, Sangli	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
13	Chandrapur+Wani	9(6+3)	Rajiv Gandhi College of Engineering Research & Technology, Chandrapur	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
14	Pune	4 (3M+1D)	University of Pune	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019

Sr. No	Name of the City	No. of NAMP/ SAMP station	Operated by	Due date of Extension	Extension given from/up to
15	Kolhapur	3	Shivaji University, Kolhapur	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
16	Solapur	2	Walchand Institute of Technology Campus, Ashok Chowk, Solapur	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
17	Latur	3	DAYANAND EDUCATION SOCIETY, LATUR	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
18	Nashik	4 (3M+1D)	KTHM College, Nashik.	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
19	Thane	3	Thane Municipal Corporation	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
20	Jalgaon	3	School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
21	Bhiwandi	2	Bhiwandi Nijampur Municipal Corporation.	31 st Dec'2018	1 st Jan 2019 - 31 st Dec '2019
22	Kalyan	1			1 st Jan 2019 - 31 st Dec '2019

The terms and conditions of the MoU and earlier sanction letter/work order will remain the same, except the O & M Charges will be released by MPCB after review of NAMP/SAMP committee of respective Regional Offices.

(E. Ravendiran, IAS)
Member Secretary

Copy to: CAO, MPC Board, Sion, Mumbai /RO-Navi Mumbai, Kalyan, Kolhapur, Aurangabad, Amravati, Pune, Nagpur, Chandrapur, Nashik, Raigad, Thane.

Copy to: Dr. Babasaheb Ambedkar College, Mahad, SBES College Aurangabad, KBP College Vashi (Modern College), CHM College Ulhasnagar, Badrinath Barwale Maha Vidhyalaya Jalna, VNIT Nagpur, College of Engineering and Technology Akola, Govt. college of Engineering Amravati, Walchand Institute of Technology Sangli, Rajiv Gandhi College of Engineering Research & Technology Chandrapur, University of Pune, Shivaji University Kolhapur, Walchand Institute of Technology Campus Ashok Chowk Solapur, Dayanand Education Society Latur, KTHM College Nashik, Thane Municipal Corporation, School of Environmental & Earth Sciences, North Maharashtra University Jalgaon, Bhiwandi Nijampur Municipal Corporation.

Revision of Operation and Maintenance Cost under NAMP

UPPCL revised the operation and maintenance cost under National Quality Monitoring Programme (NAMP). The revised operation and maintenance cost is effective from 1/1/2008. The revised operation and maintenance cost is given in Table 1.

Table 1: Details of Revised estimated Operation and Maintenance Cost.

	Total amount for 1 station per city (per annum) (in Rs.)	Total amount for 2 stations per city (per annum) (in Rs.)	Total amount for 3 stations per city (per annum) (in Rs.)
(I) Sampling and Analysis Cost			
(a) Filter paper	35,000	70,000	1,05,000
(b) Chemicals	15,000	30,000	45,000
(c) Glassware	10,000	20,000	30,000
(d) Contingencies, other expenses etc	50,000	1,00,000	1,50,000
(II) Manpower Cost			
(a) Salary of 1 Scientific Assistant @ Rs.14,000/- per month	1,68,000	1,68,000	1,68,000
(b) Salary of 3 Laboratory/Field Assistant @ Rs.8,000/- per month for each Laboratory/Field Assistant	2,88,000	2,88,000	2,88,000
Total Cost	566000	676000	7,86,000
Total cost per station per annum	~570000	~340000	~270000

Thus the revised estimated operation and maintenance cost for cities having one station only is Rs 5,70,000/- per station per annum.

The revised estimated operation and maintenance cost for cities having two stations is Rs 3,40,000/- per station per annum.



Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: rpsicssr@gmail.com

Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. 02/30/2021-22/ICSSR/MJ/RP

Dated: 20-04-2022

The Registrar
Shivaji University Kolhapur
Vidya Nagar, Kolhapur, Maharashtra -416004

Subject: Sanction of Research Project (Major) entitled "An assessment of potential road accident Sites and optimal path analysis for Kolhapur district using geospatial technology" To Dr. Prashant Tanaji Patil, Assistant Professor, Department of Geography, Shivaji University Kolhapur, Vidya Nagar, Kolhapur, Maharashtra -416004.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Major Research Project submitted by Dr. R. Lakshmi, Co-Project Directors of the study are: Dr. Vidya Ajit Chougule and Dr. Amol Pandurang Jarag.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs.8,00,000** (Rupees Eight lakh only) for the above research project and the grant will be released as follows:

First instalment @40% :	Rs. 3,20,000/-
Second instalment @ 20% :	Rs. 1,60,000/-;
Third instalment @ 10% :	Rs. 80,000/-;
Fourth Instalment @10% :	Rs. 80,000/-;
Final instalment @15% :	Rs. 1,20,000/-;
Publication Grant* @ 5-6% :	Rs. 40,000/-;
Total	Rs. 8,00,000/-;
Overhead charges over and above 5% or maximum Rs.1,00,000 :	Rs. 40,000/-**



(* to be retained by the ICSSR. ICSSR would publish it subject to the recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR).

**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs. 8,00,000/- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

Signature

- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
- b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

6. The Second instalment will be released after receiving a satisfactory six/nine/ twelve months Progress Report (depending on the duration of the programme), simple statement of account of first instalment, published peer reviewed journal along with grant-in-aid bill towards the second instalment.

7. The Third instalment will be released after receiving second Progress Report (depending on the duration of the programme), simple statement of accounts of the second instalment along with grant-in-aid bill towards the third instalment.

8. The fourth instalment will be released after receiving book length Final Report in soft copy (both word and PDF format), Executive Summary of Final Report in soft copy (both word and PDF format), 500 words abstract of the Final Report in soft copy, research papers published in peer reviewed journals duly acknowledging ICSSR, similarity index score sheet, simple statement of accounts of third instalment along with grant-in-aid bill towards the fourth instalment. Project Director is required to submit hard copies of the Final Report only after the confirmation from the ICSSR after incorporating the suggested changes. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.

9. The publication grant will be retained by the ICSSR & will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.

10. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.

11. Final instalment will be issued after receipt of recommendation of the expert for acceptance of the Final Report, Audited statement of accounts (AC) in prescribed format with utilization certificate (UC) in GFR-12A form for the entire approved project amount duly signed by the Finance Officer/Registrar /Director of the affiliating Institution, verification of all documents and decision on retaining of equipment and books etc. The Institutions of which the accounts are not audited by CAG/AG, their utilisation certificate will be signed by the Finance Officer and a chartered accountant.

12. The Overhead Charges to the affiliating institution will be released after the Final Report has been accepted and documents verified by the ICSSR. The ICSSR reserves the right to change the affiliation if it is found that the affiliating institute is not co-operating with the scholar and it is not facilitating timely completion of the study.

13. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads and relevant rules. Audited Statement of accounts with Utilization Certificate in GFR of 12A form is for the entire project amount approved for the project.

14. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @5%** over and above or maximum **Rs.1,00,000** of the total expenditure incurred on the project only after successful completion of the project.

15. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.

16. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.

17. The Director of the research project will be **Dr. Prashant Tanaji Patil** who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **04 April 2022**, as intimated by the scholar.

18. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

19. All grants from ICSSR are subject to the general provision of GFR 2017.

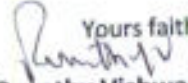
20. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**

21. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**

22. All project instalments will be transferred through **Public Finance Management System (PFMS)** and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.

23. As per MoE (Ministry of Education) instruction, the amount of grant sanctioned herein is to be utilized by the **end of the project duration**. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

24. Any instalment release is subject to availability of grant, and satisfactory progress report of the scholar. Mere award of the study does not entitle the scholar for the release of any of the instalments.

Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr. Prashant Tanaji Patil
Assistant Professor
Department of Geography
Shivaji University Kolhapur
Vidya Nagar, Kolhapur, Maharashtra - 416004

SHIVAJI UNIVERSITY, KOLHAPUR

Copy f.w.c'

- 1) The Head, Department of Geography, Shivaji University, Kolhapur.
- 2) Dr. Prashant T. Patil, P.I., Department of Geography, Shivaji University, Kolhapur.
- 3) Dr. Vidya A. Chougule, Co-P.I., Department of Geography.
- 4) Dr. Amol P. Jarag, Co-P.I., Department of Geography.
- 5) Account (P.G. Bills, Cash Book) Section
- 6) Budget Section (**Open New Budget Head**)
for information and necessary action.

Ref No.: SU/C.&U.D. Section/VUS/ 710

Date: - 4 MAY 2022


Deputy Registrar


21/5/22


21/5/22



Dr. Richa Sharma
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: rpdivision@icssr.org

Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No.02/106/2022-23/ICSSR/RP/MN/SC

Dated: 27-03-2023

The Registrar
Shivaji University
Vidyanagar
Kolhapur-416004 Maharashtra

Subject: Sanction of Minor Research Project entitled "Involvement of LIS Professionals towards Academic and Administrative Work: A Case Study of College Librarians working under Shivaji University Kolhapur Jurisdiction" to Dr.Prakash Bhairu Bilawar, Deputy Librarian, Shivaji University Kolhapur

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) approved the award of "Involvement of LIS Professionals towards Academic and Administrative Work: A Case Study of College Librarians working under Shivaji University Kolhapur Jurisdiction" the above Minor Research Project submitted by Dr.Prakash Bhairu Bilawar, Deputy Librarian of your Institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs.140000 /-** (Rupees One Lakh Forty Thousand Only) for the above Research Project and the grant will be released as follows:

First instalment (40 % of Instalment)	:Rs. 56000 /-
Second instalment (40 % of Instalment)	:Rs. 56000 /-
Final instalment (15 % of Instalment)	:Rs. 21000/-
Publication Cost (5% of Instalment)	:Rs. 7000/-
Total	:Rs. 140000/-
Overhead charges over and above 5% or maximum Rs.100000	:Rs. 7000/-**

* This is to be retained by the ICSSR. ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR.

** This amount will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.140000 /- is enclosed.)

4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization.

Richa

5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
 - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
 - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory **Six Months** progress report along with a Budget statement of account of the account for the first instalment (Depending upon the duration of the Project).
7. The Third/Final instalment will be released on the receipt of:
 - (a) Satisfactory book length of the Final Report (Two Hard Copies plus one Soft Copy in CD or Pen-Drive) in the publishable form after incorporating all corrections, suggestions of the expert.
 - (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution.
 - (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution
8. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion. Non -Compliance to the condition may lead to action against the Project Director by ICSSR.
9. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **Overhead Charges @ 5%** of the total expenditure incurred on the project only after successful completion of the project.
10. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
11. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
12. The Director of the research project will be Dr.Prakash Bhairu Bilawar, who will be responsible for its completion within 12 Months from the date of commencement of the project, which is 20.03.2023 as intimated by the Project Director.
13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the researcher may be debarred from availing all future financial assistance and ICSSR may take any necessary action against the Project Director/Affiliating Institute as it is deem fit.

Prakash

14. All grants from ICSSR are subject to the general provision of GFR 2017.
15. The Project Director will ensure that the expenditure incurred by him/her conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org and other relevant Orders / Guidelines passed by ICSSR time to time.
16. The expenditure on this account is debatable to the Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.
17. All project instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.
18. As per MOE instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,



(Dr. Richa Sharama)
for MEMBER-SECRETARY

Encl: as above

Copy to:

1. Dr. Prakash Bhalru Bilawar
Deputy Librarian
Shivaji University
Vidyanagar, Kolhapur-416004
Maharashtra

2. Finance Branch, ICSSR, New Delhi

3. Record file



(Dr. Richa Sharma)
for MEMBER-SECRETARY

PROJECT BUDGET

Title: "Involvement of LIS Professionals towards Academic and Administrative Work: A Case Study of College Librarians working under Shivaji University Kolhapur Jurisdiction"

By: Dr.Prakash Bhairu Bilawar

S.No	Heads of Expenditure	Value (Rs.)
1	Project Director/Co-PD	---
2	Research Staff: Full time/part time/Hired services	Not exceeding 45% of the total budget
3	Field work	Not exceeding 35%
4	Equipment and study material	Not exceeding 10%
5	Contingency	Not exceeding 5%
6	Publication of report	5%*
	Grand Total	100%
	Institutional Overheads (over and above the total cost of the project)	Affiliating institutional overheads @ 5% of the approved budget, subject to a maximum upper limit of Rs.1,00,000/-

* The five percent (5%) publication amount will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.

➤ Remuneration and Emoluments of Project Staff

- Project staff could be engaged by the Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules.
- Research Associate @Rs.20,000/- p.m. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET/M.Phil/Ph.D).
- Research Assistant @Rs.16,000/- p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55% marks.
- Field Investigator @ Rs.15,000/- p.m. (not exceeding 6 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)
- Retrospective payment for work already done is not permissible.

➤ **Re-appropriation:** The Project Investigator may with the permission of the Institution, re-appropriate expenditure from one sub-head to another, subject to a maximum of 10% of the particular budget heads. If the study necessitates re-appropriation beyond 10%, it may be done only after the approval of the ICSSR.

➤ **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department/Dean of relevant faculty duly approved by the competent authority.

➤ **For all field work related expenses** of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.

➤ **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.

➤ **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.

➤ The scholar should acknowledge the support of ICSSR in all publications resulting from the research project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.

Prakash

FILE NO. TAR/2021/000307
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-Mar-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. N L Tarwal, Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004- under the mentorship of Dr. Parasharam M. Shirage, at Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only) for a duration of 36 months. The date of start of the project will be 03 December, 2021. 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

Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004 (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, Indore Khandwa Road, Simrol, Indore - 453552 (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 Shivaji University, Vidyanagar, Kolhapur, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552 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 Teachers Associateship For Research Excellence (TARE). (Condensed Matter Physics and Materials Science)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/9787/2021-2022 dated 08 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. 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:

Shivaji University, Vidyanagar, kolhapur, Kolhapur, Maharashtra-416004 (Parent) :

PFMS Unique Code	SUKM
Account Name	Fabrication of Spiro OMeTAD SERB TARE Scheme Dept of Physics Shivaji University
Account Number	02890110207284
Bank Name & Branch	UCO BANK Vidyanagar Branch, Shivaji University Campus, Vidyanagar, Kolhapur-416004
IFSC/RTGS Code	UCBA0000289
Email address of PI	nlt.phy@unishivaji.ac.in
Email id of A/C Holder	fao@unishivaji.ac.in
Email address of concerned officer	ms_tare@serbonline.in

Sum amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB
will be disbursed by means of RTGS transaction as per their Bank details given below:

Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552 (Host):

PFMS Unique Code	ITIND
Account Name	Indian Institute of Technology Indore
Account Number	1476101027440
Bank Name & Branch	Canara Bank Simrol IIT Branch, Address - Simrol IIT Branch, Simrol of M.P- 452020
IFSC/RTGS Code	CNRB0006223
Email address of PI	nlt.phy@unishivaji.ac.in
Email id of A/C Holder	aornd@iiti.ac.in
Email id of Mentor	Dr. Parasharam M. Shirage

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/2021/000307 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 F
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>(i) Dr. N L Tarwal Department of Physics Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004 Email: nlt.phy@unishivaji.ac.in Mobile: 917057555960</p> <p>(ii) Dr. Parasharam M. Shirage Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>(i) Dy Registrar, Shivaji University, Vidyanagar, Kolhapur</p> <p>(ii) Administrative Officer R and D Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. T Thangaradjou)
Scientist F
msls@serb.gov.in

FILE NO. EMP/2016/006992

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 04-Jun-2018

ORDER

Subject: Financial Sanction of the research project titled "A synergetic strategy to detect hazardous gases using nanostructured MoO₃-V₂O₅ composites by chemical route" under the guidance of Dr. Annasaheb Vitthal Moholkar, Department of Physics, Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004 - 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. 2675480/- (Rs. Twenty Six Lakh Seventy Five Thousand Four Hundred and Eighty Only) with break-up of Rs. 709055/- under Capital (Non-recurring) head and Rs.1966425/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2675480/- has been approved are given below: The following budget may be considered for Shivaji University, Vidyanagar, Kolhapur

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment → Gas sensing Unit and M-SILAR Unit	709055
A'	Total (Non-Recurring)	709055
B	Recurring Items	
1	Recurring - I : (Manpower)	1123200
	Recurring - II : (Consumables, Travel, Contingencies)	600000
2	Recurring - III : (Overhead Charges)	243225
B'	Total (Recurring)	1966425
C	Total cost of the project (A' + B')	2675480

2. Sanction of the SERB is also accorded to the payment of Rs. 709055/- (Rupees Seven Lakh Nine Thousand and Fifty Five only) under 'Grants for creation of capital assets' and Rs. 655475/- (Rupees Six Lakh Fifty Five Thousand Four Hundred and Seventy Five only) under 'Grants-in-aid General' to Registrar, Shivaji University, Kolhapur, Shivaji University, Vidyanagar, Kolhapur being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

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

4. The Sanction has been issued to Shivaji University, Vidyanagar, Kolhapur with the approval of the competent authority under delegated powers on 30 May, 2018 and vide Diary No. SERB/F/1699/2018-2019 dated 02 June, 2018

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

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

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

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

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

10. The release amount of Rs. 1364530/- (Rupees Thirteen Lakh Sixty Four Thousand Five Hundred and Thirty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Finance and Accounts officer, Shivaji university, Kolhapur
Account Number	02890200000001
Bank Name & Branch	UCO, Bank, Kolhapur UCO, Bank, Vidyanagar, Kolhapur
IFSC/RTGS Code	UCBA0000289
Email id of A/C Holder	fao@unishivaji.ac.in
Email id of PI	avmoholkar@gmail.com

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

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

13. The project File no. EMB/2016/006992 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

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

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

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

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

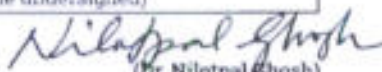
Nilotpal Ghosh
(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Annasaheb Vitthal Moholkar Department of Physics Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004 Email: avmoholkar@gmail.com Mobile: 919960337556 (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, Shivaji University, Kolhapur , Shivaji University, Vidyanagar, Kolhapur (Receipt of Grant may be intimated by name to the undersigned)
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(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

Dated: 12-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "**Studies on applicability of NavIC/IRNSS signals to explore Ionospheric irregularities and effects on radio signals near the EIA crest of the Indian sector**" under the guidance of Dr. Rajiv Shrikant Vhatkar, Physics, Shivaji University, Vidyanagar, Kolhapur, Maharashtra-416004 - 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. 2248000/- (Rs. Twenty Two Lakh Forty Eight Thousand Only) with break-up of Rs. 500000/- under Capital (Non-recurring) head and Rs.1748000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2248000/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Printer -> Assembled Computer -> MATLAB -> UPS	500000
A'	Total (Non-Recurring)	500000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 360000 20000
2	Recurring - IV : (Overhead Charges)	204000
B'	Total (Recurring)	1748000
C	Total cost of the project (A' + B')	2248000

2. Sanction of the SERB is also accorded to the payment of Rs. 500000/- (Rupees Five Lakh only) under 'Grants for creation of capital assets' and Rs. 600000/- (Rupees Six Lakh only) under 'Grants-in-aid General' to The Registrar, Shivaji University, Vidyanagar, Kolhapur being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Shivaji University, Vidyanagar, Kolhapur with the approval of the competent authority under delegated powers on 11 March, 2019 and vide Diary No. SERB/F/12182/2018-2019 dated 12 March, 2019

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

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

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

8. Budget sanctioned under 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. 1100000/- (Rupees Eleven 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:

Account Name	Finance & Accounts Officer, Shivaji University, Kolhapur
Account Number	02890200000001
Bank Name & Branch	UCO Bank Vidyanagar Branch, Shivaji University, Campus, Vidyanagar, Kolhapur, 416 004.
IFSC/RTGS Code	UCBA0000289
Email id of A/C Holder	fao@unishivaji.ac.in
Email id of PI	drvhatkar@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/2018/000942 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

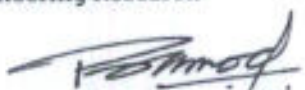
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.

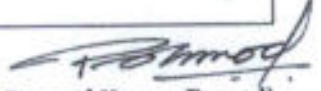
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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


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

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Rajiv Shrikant Vhatkar Physics Shivaji University, Vidyanagar, Kolhapur, Kolhapur, Maharashtra-416004 Email: drvhatkar@gmail.com Mobile: 917588246170 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	The Registrar, Shivaji University, Vidyanagar, Kolhapur (Receipt of Grant may be intimated by name to the undersigned)


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