

FILE NO. EMR/2016/007756

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-8, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 20-Jul-2017

ORDER

Subject: Financial Sanction of the research project titled "Models for Type-2 and Type-3 Copper Oxidases: Synthesis, Structure and Spectral, Electrochemical and Catalytic Properties of Mononuclear Copper(II) Complexes" under the guidance of Dr. Mariappan Murali, Chemistry, National College, Dindigul road tiruchirappalli, Tiruchirappalli, Tamil nadu-620001 - 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. 3715800/- (Rs. Thirty Seven Lakh Fifteen Thousand Eight Hundred Only) with break-up of Rs. 1500000/- under Capital (Non-recurring) head and Rs.2215800/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3715800/- has been approved are given below:

The following budget may be considered for National College, Dindigul Road Tiruchirappalli

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Electrochemical Workstation Accessories -> UV-VIS Spectrophotometer equipped with Thermostat -> Rotary Evaporator	1500000
A'	Total (Non-Recurring)	1500000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies, Other Cost)	1878000
2	Recurring - B : (Overhead Charges)	337800
B'	Total (Recurring)	2215800
C	Total cost of the project (A' + B')	3715800

- Sanction of the SERB is also accorded to the payment of Rs. 1500000/- (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and Rs. 738600/- (Rupees Seven Lakh Thirty Eight Thousand Six Hundred only) under 'Grants-in-aid General' to Principal, National College, Dindigul Road Tiruchirappalli being the first installment of the grant for the year 2017-2018 for implementation of the said research project.
- The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)
- The Sanction has been issued to National College, Dindigul Road Tiruchirappalli with the approval of the competent authority under delegated powers on 14 July, 2017 and vide Diary No. SERB/F/3269/2017-2018 dated 19 July, 2017
- 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-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- 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 release amount of Rs. 2238600/- (Rupees Twenty Two Lakh Thirty Eight Thousand Six Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

Account Name	Principal's Account, National College (Autonomous), Tiruchirappalli
Account Number	747806238
Bank Name & Branch	Indian Bank Ponnagar Branch - 1035Ponnagar, 197-Dindigul Main Road Tiruchirappalli 620 001 Tamil Nadu
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	principal@mct.ac.in
Email id of PI	ma66mu@gmail.com

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

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. EMR/2016/007756 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Mariappan Murali Chemistry National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: ma66mu@gmail.com Mobile: 919790180077 (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.	Principal, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

No. DST/TM/WTI/2K16/305 (G)
 Government of India
 Ministry of Science and Technology
 Department of Science and Technology

Technology Bhavan
 New Mehrauli Road
 New Delhi-110 016
 Date: 28.12.2016

Sanction Order

Subject: Financial support for project entitled "Extraction of Water from Air at Zero Energy Expenditure to Mitigate Water and Energy Crisis in India: A Socio-technical perspective to develop 'ZERO EXTRACT CORPORATES'" submitted by Dr. S. Senthil Kumar, National College, Tiruchirappalli, Tamil Nadu.

Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs. 25,15,000/- (Rupees Twenty five lakh fifteen thousand only) with DST share of Rs.20,53,000/- (Rupees twenty lakh fifty three thousand only) and Collaborator's share of Rs. 4,62,000/- (Rupees four lakh sixty two thousand only). Including break up of Rs. 6,91,000 (Rupees Six lakh ninety one thousand only) from DST under capital head and Rs. 13,62,000/- (Rupees thirteen lakh sixty two thousand only) from DST under General head for a duration of 24 months. The items of expenditure for which the total allocation has been approved are given below:

S.No	Item	(Amounts are in lakhs)					
		1st year		2 nd year		Total	
		DST	COL.	DST	COL.	DST	COL..
1.	Capital-						
	a) Pressure Multigrade Filter. (no.7)	0.525	-	-	-	0.525	-
	b) Micron Filters with housing units (no.7)	1.050	-	-	-	1.050	-
	c) pH Dosing System (no.7)	0.749	-	-	-	0.749	-
	d) Low Pressure Switch (no.7)	0.245	-	-	-	0.245	-
	e) Online Conductivity Meter (no.7)	0.560	-	-	-	0.560	-
	f) Solenoid Valve (no.7)	0.280	-	-	-	0.280	-
	g) Pressure Gauge & Flow meter 1 No each. (no.7)	0.315	-	-	-	0.315	-
	h) U.V Sterilizer Unit (no.7)	1.225	-	-	-	1.225	-
	i) Water Level Switch (no.7)	0.176	-	-	-	0.176	-
	j) Pre -Activated Carbon and post carbon filter with vessel unit (no.7)	1.435	-	-	-	1.435	-
	k) Sediment Cartridge filter (no.7)	0.350	-	-	-	0.350	-
	TDS meter (one equipment per corporate building)	-	0.175	-	-	-	0.175
	Portable pH meter (one per corporate building)	-	0.175	-	-	-	0.175
	High precision Hygrometer and Thermometers	-	0.100	-	-	-	0.100
	Water pumps (one	-	0.300	-	-	-	0.300

M. L. S. E

	equipment per corporate building)			-	-		
	AWC collection and storage tanks (one no. each per corporate building)	-	1.500			-	1.500
A	Total	6.91	2.25	-	-	6.91	2.25
2.	Manpower						
	a. JRF (no. 1)	3.60	-	3.60	-	7.20	-
	b. Skilled labor	-	0.36	-	0.36	-	0.72
	Total	3.60	0.36	3.60	0.36	7.20	0.72
3.	Other Costs (Promotional/outreach activities,)						
	Fabrication	1.00	-	0.50	-	1.50	-
		-	1.05	-	-	-	1.05
4.	Consumables	0.75	-	0.75	0.50	1.50	0.50
5.	Travel	0.50	-	0.50	-	1.00	-
6.	Contingencies	0.25	-	0.25	0.10	0.50	0.10
7.	Overhead Charges	0.96	-	0.96	-	1.92	-
B	Total	7.06	1.41	6.56	0.96	13.62	2.37
	Total (A+B)	13.97	3.66	6.56	0.96	20.53	4.62

2. The sanction of the President is also accorded to the payment of an amount of **Rs 7,06,000/- (Rupees Seven lakh six thousand only)** under 'Grants-in-aid General' to **Principal, National College, Tiruchirapalli.**, for the year 2016-17 for implementation of the said project.

3. Sanction of the grants is subject to the conditions as detailed in DST's website www.dst.gov.in. The acceptance of the grant will automatically imply acceptance of DST's term and conditions of the grant. The emoluments to the project manpower would be governed by DST guidelines, terms and conditions mentioned in OM No A. 20020/11/97-IFD dated 31st March 2010 available on DST Website. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

4. The amount of **Rs 7,06,000/- (Rupees Seven lakh six thousand only)** will be disbursed under 'Grants-in-aid General' to **Principal, National College, Tiruchirapalli.** through RTGS as per following details:

Name of the Account Holder	Principal, National College, Tiruchirapalli
Name of the bank	Indian Bank
Branch Address	Indian Bank, Ponnagar Branch, Ponnagar, Tiruchirappalli - 620001, Tamil Nadu.
IFSC code	IDIB000P105
MICR code	620019006
Account Number	747806238

5. The expenditure involved is debitable to -
Demand No.77 Department of Science & Technology
3425 Other Scientific Research (Major Head)
60 Others (Sub-major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
26 Technology Development Programme (SERI/WT1)
26.01.31 Grant-in-aid General for the year 2016-2017 (SERI/WT1)

6. The sanction has been issued under the powers delegated to the Ministries, with the concurrence diary No. **4880**, of IFD, DST, dated: **27.12.2016**

Handwritten signature and initials
N. K. S. K.

7. The Institute will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of DST. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the Institute is called upon to do so.

8. The Institute will maintain separate audited accounts for the project. The grant will be kept in a bank account earning interest; the interest earned should be reported to the DST. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

9. The Sanction Order is entered in the register of grants of TMD: WTI Division at Sl. No. 136 (WTI) for the Financial Year 2016-17.

10. It is certified that the no UCs/SEs from the grantee(s) are pending under this scheme/ project

Neelima Alam
(Dr. Neelima Alam)
Scientist-E

Email: neelima.alam@nic.in

To: The Pay and Accounts Officer, DST, New Delhi

Copy for information and necessary action to:

1. Cash Section(3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
4. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.

5. **Dr. S. Senthil Kumar**

SERB Young Scientist Fellow & Associate Professor
PG & Research Department of Biotechnology
National College (Autonomous)-stablished in 1919
(College with Potential for Excellence)
(Nationally Re-Accredited at "A" Grade by NAAC)
Tiruchirappalli – 620001, Tamil Nadu.
Email : senthil@nct.ac.in

6. Sanction folder, 7. Office Copy, 8. Head-TMD

Neel Alam
(Dr. Neelima Alam)
Scientist-E

FILE NO. EEQ/2017/000383
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: 23-Mar-2018

ORDER

Subject: Financial Sanction of the research project titled "Autosomal and Mitochondrial DNA perspectives of Dravidian SC/ST Populations in Tamil Nadu, south India" under the guidance of Dr. Krishnaveni Arumugam, PG and Research Department of Zoology, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 - 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. 2788000/- (Rs. Twenty Seven Lakh Eighty Eight Thousand Only) with break-up of Rs. 1000000/- under Capital (Non-recurring) head and Rs.1788000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2788000/- has been approved are given below:

The following budget may be considered for National College, Dindigul Road Tiruchirapalli

S.No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Autoclave -> Micropipettes with stand -> Thermalcycler Make :BioRad(48 well gradient - model : MJ Mini) -> Gel Documentation system -> Electronic Balance -> Distillation Unit -> Laminar flow chamber -> Laboratory Micro centrifuge -> Laboratory centrifuge : -> Digital automatic water bath	1000000
A'	Total (Non-Recurring)	1000000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	936000 600000
2	Recurring - III : (Overhead Charges)	252000
B'	Total (Recurring)	1788000
C	Total cost of the project (A' + B')	2788000

- Sanction of the SERB is also accorded to the payment of
• Rs. 1000000/- (Rupees Ten Lakh only) under 'Grants for creation of capital assets' and Rs. 600000/- (Rupees Six Lakh only) under 'Grants-in-aid General' to PRINCIPAL, National College, Dindigul Road Tiruchirapalli being the first installment of the grant for the year 2017-2018 for implementation of the said research project.
- The expenditure involved is debitible 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)
- The Sanction has been issued to National College, Dindigul Road Tiruchirapalli with the approval of the competent authority under delegated powers on 22 March, 2018 and vide Diary No. SERB/F/11111/2017-2018 dated 23 March, 2018
- 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. 1.5 lakh each should be spent for travel and contingency.
- 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.

10. The release amount of Rs. 1600000/- (Rupees Sixteen 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	NATIONAL COLLEGE - PRINCIPAL A/C
Account Number	747806238
Bank Name & Branch	INDIAN BANK PONNAGAR BRANCH 197, DINDIGUL MAIN ROAD, PONNAGARTIRUCHIRAPPALLI - 620 001, PHONE : 0431-2482138E. mail: ponnagar@indianbank.com.in
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	principalrsr@nct.ac.in
Email id of PI	krishnaveni.balakris@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. EEQ/2017/000383 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

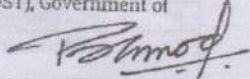
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

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

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

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

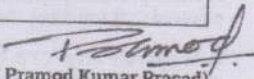
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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


(Dr. 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. Krishnaveni Arumugam PG and Research Department of Zoology National College, Dindigul road tiruchirappalli, Tiruchirappalli, Tamil nadu-620001 Email: krishnaveni.balakris@gmail.com Mobile: 919487438628 (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.	PRINCIPAL, National College, Dindigul Road Tiruchirappalli (Receipt of Grant may be intimated by name to the undersigned)


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

FILE NO. TAR/2019/000463
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-Dec-2019

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Kumaresavanji M, National College , Dindigul Road Tiruchirappalli, Tiruchirappalli, Tamil Nadu-620001** under the mentorship of Prof. Karuna Kar Nanda, at **Indian Institute of Science Bangalore - 560012**- 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 12 November, 2019. 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
National College , Dindigul Road Tiruchirappalli, Tiruchirappalli, Tamil Nadu-620001 (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 Science Bangalore - 560012 (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 **National College, Dindigul Road Tiruchirappalli , Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **Indian Institute of Science Bangalore - 560012** 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). (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/7273/2019-2020 dated 03 December, 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. 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:

National College , Dindigul road tiruchirappalli, Tiruchirappalli, Tamil nadu-620001 (Parent Institute) :

PFMS Unique Code	NCT
Account Name	Principal National College
Account Number	747806238
Bank Name & Branch	Indian Bank Ponnagar Branch 197 Dindigul Main Road Ponnagar Tiruchirappalli 620001
IFSC/RTGS Code	IDIB000P105
Email address of PI	vanji.hp1t@gmail.com
Email id of A/C Holder	principal@nct.ac.in
Email address of concerned officer	ms_tare@serbonline.in

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

Indian Institute of Science Bangalore - 560012 (Host Institute) :

PFMS Unique Code	IISCB
Account Name	The Registrar Indian Institute of Science
Account Number	31728098170
Bank Name & Branch	State Bank of India Indian Institute of Science Branch 1 Bungalow, IISc Campus Bangalore 560012
IFSC/RTGS Code	SBIN002215
Email address of PI	vanji.hplt@gmail.com
Email id of A/C Holder	registrar@iisc.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.

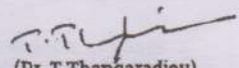
11. The File no. TAR/2019/000463 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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.

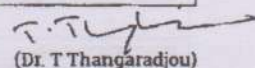

(Dr. T Thangaradjou)
Scientist E

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. Kumaresavanji M Physics National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: vanji.hplt@gmail.com Mobile: 918270576205 (ii) Prof. Karuna Kar Nanda Indian Institute of Science Bangalore - 560012 (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) Principal, National College, Dindigul Road Tiruchirapalli (ii) Registrar Indian Institute of Science Bangalore - 560012 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. T Thangaradjou)
Scientist E

ms_tare@serbonline.in

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 December, 2022

ORDER

Subject: Financial Sanction of the research project titled **Mono- and Dicopper(II) Complexes of Tetradentate Tripodal Ligands as Models for Catechol Oxidases: Synthesis and Structure and Spectral, Magnetic, Redox and Catalytic Behaviour** under the guidance of **Dr. Mariappan Murali, Chemistry, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 - 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. 2991081/- (Rs. Twenty Nine Lakh Ninety One Thousand and Eighty One Only) with break-up of Rs. 999165/- under Capital (Non-recurring) head and Rs.1991916/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2991081/- has been approved are given below:

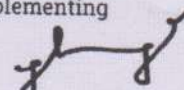
The following budget may be considered for **National College, Dindigul Road Tiruchirapalli**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> UV-VIS LAMBDA 465 (Diode-Array) Spectrophotometer	999165
A'	Total (Non-Recurring)	999165
B	Recurring Items	
1	Recurring - I : (Research Personnel)	0
	Recurring - II : (Consumables, Travel, Contingencies, Other Cost)	1700000
	Recurring - III : Scientific Social Responsibility	20000
2	Recurring - IV : (Overhead Charges)	271916
B'	Total (Recurring)	1991916
C	Total cost of the project (A' + B')	2991081

- 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. 1.5 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. CRG/2022/002225 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.



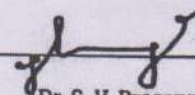
(Dr. S. V. Prasanna)
Scientist

prasanna@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. Mariappan Murali Chemistry National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: ma66mu@gmail.com Mobile: 919790180077 (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.	PRINCIPAL, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)



(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. CRG/2022/002225-G
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

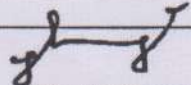
Dated: 19 December, 2022

ORDER

Subject: Research project entitled **Mono- and Dicopper(II) Complexes of Tetradentate Tripodal Ligands as Models for Catechol Oxidases: Synthesis and Structure and Spectral, Magnetic, Redox and Catalytic Behaviour** under the guidance of Dr. Mariappan Murali, Chemistry, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001.

1. In continuation of SERB's sanction order No. CRG/2022/002225 dated 19 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 677400/- under 'Grants-in-aid General' to National College, Dindigul Road Tiruchirapalli, Tiruchirappalli, Tamil Nadu-620001 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 19 December, 2022.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Inorganic Physical Chemistry**) (General).
5. The Sanction has been issued with the approval of the competent authority on **15 December, 2022** and vide Diary No. SERB/F/8220/2022-2023 dated **15 December, 2022**.
6. The release amount of Rs. 677400/- (Rupees Six Lakh Seventy Seven Thousand Four Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

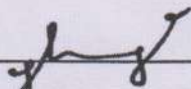
PFMS Unique Code	NCT
Account Name	NATIONAL COLLEGE SERB EARTHWORM
Account Number	6847879798
Bank Name & Branch	INDIAN BANK PONNAGAR BRANCH197, DINDUGUL MAIN ROAD PONNAGAR TIRUCHIRAPPALLI 620 001
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	principal@nct.ac.in
Email id of PI	ma66mu@gmail.com


(Dr. S. V. Prasanna)
Scientist
prasanna@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. Mariappan Murali Chemistry National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: ma66mu@gmail.com Mobile: 919790180077 (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.	PRINCIPAL, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. CRG/2022/002225-C
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 December, 2022

ORDER

Subject: Research project entitled **Mono- and Dicopper(II) Complexes of Tetradentate Tripodal Ligands as Models for Catechol Oxidases: Synthesis and Structure and Spectral, Magnetic, Redox and Catalytic Behaviour** under the guidance of Dr. Mariappan Murali, Chemistry, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001.

- In continuation of SERB's sanction order No. CRG/2022/002225 dated 19 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 999165/- under 'Grants-in-aid Capital' to National College, Dindigul Road Tiruchirapalli, Tiruchirappalli, Tamil Nadu-620001 being the grant for the financial year 2022-2023 for implementation of the above said project.
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 19 December, 2022.
- As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (PAC Inorganic Physical Chemistry) (Capital).
- The Sanction has been issued with the approval of the competent authority on 15 December, 2022 and vide Diary No. SERB/F/8219/2022-2023 dated 15 December, 2022.
- The release amount of Rs. 999165/- (Rupees Nine Lakh Ninety Nine Thousand One Hundred and Sixty Five 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:

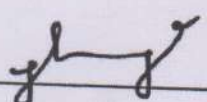
PFMS Unique Code	NCT
Account Name	NATIONAL COLLEGE SERB EARTHWORM
Account Number	6847879798
Bank Name & Branch	INDIAN BANK PONNAGAR BRANCH197, DINDUGUL MAIN ROAD PONNAGAR TIRUCHIRAPPALLI 620 001
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	principal@nct.ac.in
Email id of PI	ma66mu@gmail.com


(Dr. S. V. Prasanna)
Scientist
prasanna@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. Mariappan Murali Chemistry National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: ma66mu@gmail.com Mobile: 919790180077 (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.	PRINCIPAL, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. CRG/2018/004447
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: 17-Dec-2019

ORDER

Subject: Financial Sanction of the research project titled "**Study on the Anti-cancer Prospects of the Coelomic Fluid of Earthworm**" under the guidance of Dr. Mohamed Jaabir, Biotechnology, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 - 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. 3405000/- (Rs. Thirty Four Lakh Five Thousand Only)** with break-up of **Rs. 890000/- under Capital (Non-recurring) head** and **Rs.2515000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3405000/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Trinocular Inverted Research Microscope with Fluorescence & dedicated Scientific	890000
A'	Total (Non-Recurring)	890000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1080000 1075000 60000
2	Recurring - IV : (Overhead Charges)	300000
B'	Total (Recurring)	2515000
C	Total cost of the project (A' + B')	3405000

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 890000/-** (Rupees Eight Lakh Ninety Thousand only) under 'Grants for creation of capital assets' and **Rs. 860000/-** (Rupees Eight Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Principal, National College, Dindigul Road Tiruchirapalli** 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 Core Research Grant. (PAC Animal Sciences)

4. The Sanction has been issued to National College, Dindigul Road Tiruchirapalli with the approval of the competent authority under delegated powers on **14 December, 2019** and vide Diary No. **SERB/F/7666/2019-2020** dated **16 December, 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 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. 1750000/-** (Rupees Seventeen Lakh Fifty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of BPCS transaction as per their Bank details given below:

PFMS Unique Code	NCT ✓
Account Name	NATIONAL COLLEGE - PRINCIPAL
Account Number	747806238 ✓
Bank Name & Branch	Indian Bank Indian Bank, Ponnagar Branch, Dindigul Road, Trichy - 620001
IFSC/RTGS Code	IDIB000P105 ✓
Email id of A/C Holder	principal@nct.ac.in ✓
Email id of PI	mohamedjaabir@nct.ac.in

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

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

14. The project File no. CRG/2018/004447 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

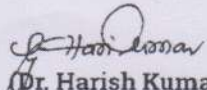
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

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

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

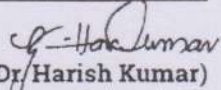
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.


(Dr. Harish Kumar)
Scientist E
ms_as@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.	Dr. Mohamed Jaabir Biotechnology National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: mohamedjaabir@nct.ac.in Mobile: 919786425226 (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.	Principal, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Harish Kumar)
Scientist E
ms_as@serbonline.in

MoES/P.O.(Seismo)/1(329)/2018
Government of India
Ministry of Earth Sciences
Seismology Division

Prithvi Bhawan,
Lodhi Road,
New Delhi – 110003.
Dated: 21/08/2019

SANCTION ORDER

Sub.: Financial assistance for the research project entitled, "A Functional Genomic Approach for Paleoclimate Reconstruction: Understanding the response of Life to Paleoclimate Change".

PI : Dr. Senthil Kumar Sadasivam, Assistant Professor, PG & Research Department of Botany, National College (Autonomous), Tiruchirappalli, Tamil Nadu.

Approval of the Competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978, for the above-mentioned project at a total cost of **Rs.10,00,000/- (Rupees ten lakhs only)** for a period of one year under Koyna deep drilling activity A.O. no. MoES/P.O.(Seismo)/8(15)/2018 date 28/05/2018. The items of expenditure for which the total allocation of **Rs.10,00,000/-** has been approved are given below:

Budget in Rupees			
Sl. No.	Item	1 st Year	Total
A	Recurring		
i	Consumables	7,50,000/-	7,50,000/-
ii	Travel	55,000/-	55,000/-
iii	Contingency and Other Costs	45,000/-	45,000/-
	Total	8,50,000/-	8,50,000/-
B	Non-Recurring		
i	Equipment	1,50,000/-	1,50,000/-
	Total B	1,50,000/-	1,50,000/-
C	Over head	Nil	Nil
	Total (A+B+C)	10,00,000/-	10,00,000/-

2. Sanction of the president is also here by conveyed to the payment of **Rs.10,00,000/- (Rupees ten lakh only)** to the **Principal, National College (Autonomous), Tiruchirappalli, Tamil Nadu** as the first installment in the CFY 2019-20 for implementation of the project as follows:

Sl. No	Head	Amount in Rupees
1.	Consumables	7,50,000/-
2.	Travel	55,000/-
3.	Contingency and Other Costs	45,000/-
5.	Non-Recurring	1,50,000/-
6.	Total	10,00,000/-

R. Bagavathi
21/8/19

3. This sanction is subject to the condition that the grantee organisation will furnish to the Ministry of Earth Sciences, Financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate.

4. The grantee organisation 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 equipments(s), separate SE/UC has to be furnished for the released Capital head grant.

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

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

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

7. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to MoES (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned must have to be returned to the GOI fund as per Rule 230 (8) of GFR-2017.

8. MoES reserves sole right 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 MoES.

9. 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.

10. 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.

R. Bajaj
21/8/17

11. All the future correspondence regarding the project may be addressed to Adviser & Head Geosciences/Seismology Division.

12. Data acquired under the project needs to be sent to Ministry regularly and it should not be shared with any private agency/foreigner, without prior approval of MoES.

13. The expenditure involved is debit able to Demand No.23 Ministry of Earth Sciences

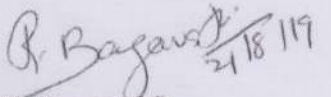
3455	- Meteorology (Major Head)
00.001	- Direction & Administration
07	- Seismological and Geosciences (SAGE)
07.00.31	- Grants-in-aid-General for the year 2019-20

14. The amount of Rs.10,00,000/- (Rupees ten lakh only) sanctioned in para 2, will be drawn by DDO, MoES and will be disbursed to the **Principal, National College (Autonomous), Tiruchirappalli, Tamil Nadu** through RTGS as per following details:

Name of the Bank	:	Indian Bank
Account Type	:	SB
IFSC Code	:	IDIB000P105
Account No.	:	747806238
MICR No.	:	620019006
Branch Name	:	Ponnagar Branch, Tiruchirappalli

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 38 Page No. 10 in the register of grants maintained in the Division of the scheme (SAGE).

16. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 262/IFD/5957/2019-20/SAGE dated 18/07/2019.


(R. Bagavathi)

Under Secretary to the Govt. of India

To,
Pay and Accounts Officer, MoES, New Delhi – 110 003

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd Floor, AGCR Building, IP Estate, New Delhi – 110 002.
2. **The Principal, National College (Autonomous), Tiruchirappalli, Tamil Nadu-620001.**
3. **Dr. Senthil Kumar Sadasivam, Assistant Professor, PG & Research Department of Botany, National College (Autonomous), Tiruchirappalli, Tamil Nadu-620001, Tamil Nadu.** Codal provisions and GOI instructions on the subject matter issued from time to time will be followed.

4. Cash section, MoES (*with two spare copy of the sanction for making necessary payment to the grantee.*)
5. Sanction Folder/ File copy.
6. Head, Seismology Division, MoES, New Delhi.

R. Bagavathi
(R. Bagavathi) 21/8/17

Under Secretary to the Govt. of India

DST/TDT/WMT/2017/054
Government of India
Ministry of Science & Technology
Department of Science & Technology
Technology Development and Transfer Division

Technology Bhavan, New Delhi
Dated: 15.02.2018

ORDER

Subject: Financial Assistance for the project entitled "Microbial aided Vermistabilization of textile industry sludges: A low-cost sustainable technology over conventional systems with potential for decentralization in the textile valley of Tamil Nadu." submitted by Dr. S. Senthil Kumar, National College, Tiruchirapalli

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs. 10,78,400/-** (Rupees ten lakh seventy-eight thousand four hundred only) to The Principal, National College, Tiruchirapalli, Tamil Nadu for a duration of 1 year. The detailed breakup of the grant for General as well as Capital Components are given below:

General Component: **Rs. 10,78,400/-**
Capital Component: **NIL**

S.No.	Item	1 st Year	TOTAL
1	MANPOWER RA-01 @ Rs. 36000/- p.m. +20%HRA	518400	518400
2	Consumables	130000	130000
3	Travel	30000	30000
4	Contingency	50000	50000
5	Other cost	300000	300000
	Sub Total	1028400	1028400
6	Overheads	50000	50000
	GRAND TOTAL	1078400	1078400

- The Sanction of the President is also accorded to the release of **Rs. 7,00,000/-** (Rupees Seven Lakh only) being the first instalment of grant under "General Component" for implementation of the above mentioned project.
- NITI Aayog DARPAN Unique ID of the institution is TN/2017/0174204
- 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 upto 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.
- The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
- If the grant has been release 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.

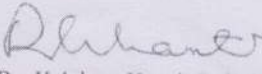


7. The grant-in-aid being release is subject to the condition that
- a) Transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant;
 - b) 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.
8. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organisation, which will be adjusted towards future release of grant.
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. In case the scheme provides for payment of honorarium /remuneration /fellowship /scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.
11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee 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.
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No. 84, Department of Science & Technology for the year 2017-18:
- | | |
|----------|--|
| 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 2017-18 (Plan) |
| | (Previous: 3425.60.200.26.01.31) |
14. The amount of Rs. **7,00,000/-** (Rupees Seven Lakh only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, National College, Tiruchirapalli. The bank details for electronic transfer of funds through RTGS are given below:

Name of the Account Holder : Principal, National college, Tiruchirapalli.
Name of the Bank : Indian Bank
Bank Account Number : 747806238
IFSC Code : IDIB000P105
MICR Code : 620019006.

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 77 in the register of grants maintained in the Division for the scheme.

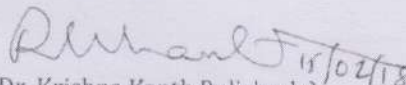
16. This issues with the concurrence of IFD Vide their Concurrence Dy. No. C/4829/IFD 2017-18 dated 15.02.2018.


(Dr. Krishna Kanth Pulicherla) 15/02/18
Scientist C
011-26590493

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

Copy for information and necessary action to:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building. IP Estate. New Delhi


(Dr. Krishna Kanth Pulicherla) 15/02/18
Scientist C
011-26590493

Dated: 30 May, 2022

ORDER

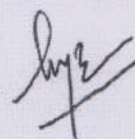
Subject: Financial Sanction of the research project titled **RECONSTRUCTION OF PALEOCEANOGRAPHIC AND PALEO CLIMATIC CHANGES AROUND LAKSHADWEEP ISLANDS USING STABLE ISOTOPES AND CHEMICAL TRACERS FROM SCLERACTINIAN CORALS** under the guidance of Dr. SOUNDARRAJAN RAGAVENDRAN, GEOLOGY, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu- 620001 - 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. 3825400/- (Rs. Thirty Eight Lakh Twenty Five Thousand Four Hundred Only) with break-up of Rs. 490000/- under Capital (Non-recurring) head and Rs.3335400/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3825400/- has been approved are given below:

The following budget may be considered for National College, Dindigul Road Tiruchirapalli

S.No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Coral Microsampling Equipment (Manix MM- 180)	490000
A'	Total (Non-Recurring)	490000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	1670400 1300000 20000
2	Recurring - IV : (Overhead Charges)	345000
B'	Total (Recurring)	3335400
C	Total cost of the project (A' + B')	3825400

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
3. 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.
4. 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.
5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
8. The 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.
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. 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.



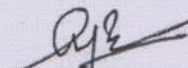
beyond the duration of the project

11. 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.

12. The project File no. CRG/2021/005326 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.

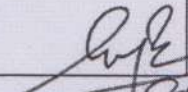


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. SOUNDARRAJAN RAGAVENDRAN GEOLOGY National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: SRAJA.ENGLISH@GMAIL.COM Mobile: 916381532833 (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.	PRINCIPAL, NATIONAL COLLEGE, TRICHY, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)



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

FILE NO. CRG/2021/005326-G
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

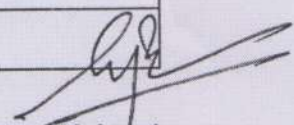
Dated: 30 May, 2022

ORDER

Subject: Research project entitled **RECONSTRUCTION OF PALEOCEANOGRAPHIC AND PALEO CLIMATIC CHANGES AROUND LAKSHADWEEP ISLANDS USING STABLE ISOTOPES AND CHEMICAL TRACERS FROM SCLERACTINIAN CORALS** under the guidance of Dr. SOUNDARRAJAN RAGAVENDRAN, GEOLOGY, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001.

1. In continuation of SERB's sanction order No. CRG/2021/005326 dated 30 May, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 1110000/-** under 'Grants-in-aid General' to National College, Dindigul Road Tiruchirapalli, Tiruchirappalli, Tamil Nadu-620001 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 30 May, 2022.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Earth & Atmospheric Sciences**) (General).
5. The Sanction has been issued with the approval of the competent authority on **26 May, 2022** and vide Diary No. **SERB/F/936/2022-2023** dated **27 May, 2022**.
6. The release amount of **Rs. 1110000/-** (Rupees Eleven Lakh Ten 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:

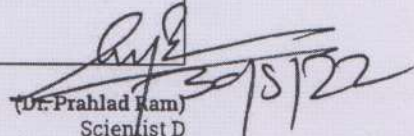
PFMS Unique Code	NCT
Account Name	NATIONAL COLLEGE PRINCIPAL
Account Number	747806238
Bank Name & Branch	INDIAN BANK PONNAGAR BRANCH, 197, DINDIGUL MAIN ROAD, PONNAGAR, TIRUCHIRAPALLI - 620001. PHONE: 04312482138 EMAIL: PONNAGAR@INDIANBANK.CO.IN
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	PRINCIPAL@NCT.AC.IN
Email id of PI	SRAJA.ENGLISH@GMAIL.COM


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

To,
 Under Secretary
 SERB, New Delhi
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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>Dr. SOUNDARRAJAN RAGAVENDRAN GEOLOGY National College , Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001 Email: SRAJA.ENGLISH@GMAIL.COM Mobile: 916381532833 (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>PRINCIPAL, NATIONAL COLLEGE, TRICHY, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)</p>


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

FILE NO. CRG/2021/005326-C
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

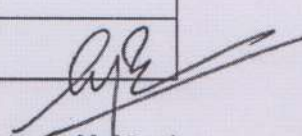
Dated: 30 May, 2022

ORDER

Subject: Research project entitled **RECONSTRUCTION OF PALEOCEANOGRAPHIC AND PALEO CLIMATIC CHANGES AROUND LAKSHADWEEP ISLANDS USING STABLE ISOTOPES AND CHEMICAL TRACERS FROM SCLERACTINIAN CORALS** under the guidance of Dr. SOUNDARRAJAN RAGAVENDRAN, GEOLOGY, National College, Dindigul road tiruchirapalli, Tiruchirappalli, Tamil nadu-620001.

1. In continuation of SERB's sanction order No. CRG/2021/005326 dated 30 May, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 490000/-** under 'Grants-in-aid Capital' to National College, Dindigul Road Tiruchirapalli, Tiruchirappalli, Tamil Nadu-620001 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 30 May, 2022.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. 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**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **26 May, 2022** and vide Diary No. SERB/F/935/2022-2023 dated **27 May, 2022**.
6. The release amount of **Rs. 490000/-** (Rupees Four Lakh Ninety 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:

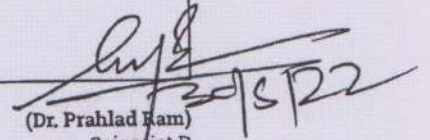
PFMS Unique Code	NCT
Account Name	NATIONAL COLLEGE PRINCIPAL
Account Number	747806238
Bank Name & Branch	INDIAN BANK PONNAGAR BRANCH, 197, DINDIGUL MAIN ROAD, PONNAGAR, TIRUCHIRAPALLI - 620001. PHONE: 04312482138 EMAIL: PONNAGAR@INDIANBANK.CO.IN
IFSC/RTGS Code	IDIB000P105
Email id of A/C Holder	PRINCIPAL@NCT.AC.IN
Email id of PI	SRAJA.ENGLISH@GMAIL.COM


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

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SERB, New Delhi
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5.	<p>PRINCIPAL, NATIONAL COLLEGE, TRICHY, National College, Dindigul Road Tiruchirapalli (Receipt of Grant may be intimated by name to the undersigned)</p>


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