#### AQAR 2022-2023

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.3 Number of departments having Research projects funded by government and non government agencies during the year

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	reality of the Landing Figure,	Type (Government/non- Government)
Occurrence and behaviour of Rare Earth Elements (REE) in selected alkaline granitoids and their weathered crusts of Kerala, southern Indiac Investigation on potential ion-adsorption clay-type REE deposits	Dr. C. Sreejith, Dr. Nithya M.	Department of PG Studies and Research in Geology	2023	49,94,240	36 Months	SCIENCE & ENGINEERING RESEARCH BOARD (SERB) (A statutory body of the Department of Science & Technology, Government of india)	Government
Workshop on Geochemical Analytical Techniques, Fundamentals of sampling, sample preparation, analytical tools and data interpretation	Dr. C. Sreejith	Department of PG Studies and Research in Geology	2023	50,45,766	3 Years	Geochemical Society Capacity Building Grant	Non-Government

Principal
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Ponnani South - 679 586





## PRINCIPAL **MES PONNANI COLLEGE**

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Ponnani South P.O., Malappuram Dist, Kerala, India - 679586 Phone: 0494-2666077 (Off)

D-4-	2
Date	

Ref:

### Details of Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year 2022-2023

Sl. No.	1	2	
Name of the Project/ Endowments, Chairs	Occurrence and behaviour of Rare Earth Elements (REE) in selected alkaline granitoids and their weathered crusts of Kerala, southern Indiac Investigation on potential ion-adsorption clay-type REE deposits	Workshop on Geochemical Analytical Techniques, Fundamentals of sampling, sample preparation, analytical tools and data interpretation	
Name of the Principal Investigator/ Co-investivator	Dr. C. Sreejith, Dr. Nithya M.	Dr. C. Sreejith	
Department of Principal Investigator	Department of PG Studies and Research in Geology	Department of PG Studies and Research in Geology	
Year of Award	2023	2023 50,45,766	
Amount Sanctioned	49,94,240		
<b>Duration of the project</b>	36 Months	3 Years	
Name of the Funding Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB) (A statutory body of the Department of Science & Technology, Government of India)	Geochemical Society Capacity Building Grant	
Type (Government/non-Government)	Government	Non-Government	

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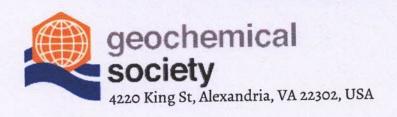
Ref:

## Departments having Research projects funded by government and non-government agencies during the year 2022-2023

Sl. No.	1	2	
	Occurrence and behaviour of Rare Earth Elements (REE) in selected alkaline granitoids and their weathered crusts of Kerala, southern Indiac Investigation on potential ion-adsorption clay-type REE deposits	Workshop on Geochemical Analytical Techniques, Fundamentals of sampling, sample preparation, analytical tools and data interpretation	
Name of the Principal Investigator/ Co-investivator	Dr. C. Sreejith, Dr. Nithya M.	Dr. C. Sreejith	
Department of Principal Investigator	Department of PG Studies and Research in Geology	Department of PG Studies and Research in Geology	
Year of Award	2023	2023 50,45,766 3 Years  Geochemical Society Capacity Building Grant	
Amount Sanctioned	49,94,240		
Duration of the project	36 Months		
Name of the Funding Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB) (A statutory body of the Department of Science & Technology, Government of India)		
Type (Government/non-Government)	Government	Non-Government	

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January 28, 2023

Dr. Chettootty SREEJITH
Department of PG Studies and Research in Geology
MES Ponnani College (University of Calicut)
Ponnani South-PO, Malappuram-Dist
Kerala-679586, India

e-mail: sreejithedapal@gmail.com

Dear Dr. Chettootty SREEJITH,

Thank you for submitting a proposal to the Geochemical Society Capacity Building Grant program. I am pleased to inform you that your project "Workshop on Geochemical Analytical Techniques, Fundamentals of sampling, sample preparation, analytical tools and data interpretation" has been selected by the Capacity Building Grant evaluation committee for funding. Please note however that the total budget for your workshop somewhat exceeds the maximum amount that the program can provide (\$2500) so you will have to find additional sources of funding to cover the difference.

I wish you all the best for this workshop.

David Baratoux

Chair of the evaluation committee of the Geochemical

Society Capacity Building Grant

Principal )
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## FILE NO. CRG/2022/003792

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: 23 February, 2023

Subject: Financial Sanction of the research project titled "Occurrence and behaviour of Rare Earth Subject. Financial Sanction of the research project their weathered crusts of Kerala, southern India: Elements (REE) in selected alkaline granitoids and their weathered crusts of Kerala, southern India: Investigation on potential ion-adsorption clay-type REE deposits" under the guidance of Dr. Sreejith C, Investigation on potential for-ausorphion clay-type near neposits, under the guidance of Br. Steept.

Department of PG Studies and Research in Geology, MES Ponnani College, Palakkad - ponnani rd,

Department of PG Studies and Research in Geology, MES Ponnani College, Palakkad - Coolege, Coo Department of PG Studies and Research in Geology, MES Ponnani Gonege , Palakkau \* ponnani rd, south- po, ponnani, Malappuram, Kerala-679586 and by Dr. Nithya M, Assistant Professor, Geology, MES

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above Ponnani College - Release of 1st grant. Sanction of Science and Engineering Research Board (SERB) is nerepy accorded to the above mentioned project at a total cost of Rs. 4994240/- (Rs. Forty Nine Lakh Ninety Four Thousand Two Hundred and Forty Only) with break-up of Rs. 2460000/- under Capital (Non-recurring) runured and Forty only) with break-up of As. 2400000/- under Capital (Non-recurring) head for a duration of 36 months. The items of head and Rs. 2534240/- under General (Recurring) head for a duration of 36 months. The nead and as 20042407 under General (necurring) nead for a duration of 30 months. The items of expenditure for which the total allocation of Rs. 4994240/- has been approved are given below: The following budget may be considered for MES Ponnani College, Palakkad - Ponnani Rd, South-Po,

		2460000
. No	Head	
A	Non-recurring	
1	Equipment -> Digital SLR Camera -> Thin Section - Precision Cutter -> Jaw Crusher -> Desktop Computer -> Geological Compass -> Handheld Global Positioning System -> Rock Cutter -> All-in-One Printer	2460000
	-> All-In-Oice - Total (Non-Recurring)	135024
A'	Recurring Items  Recurring Items  Recurring Items  Recurring Items	67000 6000
В		45400
1	Recurring - II : (Consumables, Travel, Collings Recurring - III : (Consumables, Travel, Collings Recurring - III : Scientific Social Responsibility Recurring - III : (Consumables, Travel, Collings)	
	Recurring - III: Scientific Social 10-2	25342
	Recurring - III : Science Recurring - IV : (Overhead Charges)	49942
2		
A STATE OF THE PARTY OF THE PAR	Total (Recurring)  Total cost of the project (A' + B')	

2. Sanction of the SERB is also accorded to the payment of Rs. 2460000/- (Rupees Twenty Four Lakh 2. Sanction of the SERB is also accorded to the payment of Rs. 2460000/- (Rupees Twenty Four La Sixty Thousand only) under 'Grants for creation of capital assets' and to Principal, MES Ponnani College, Palakkad - Ponnani Rd, South- Po, Ponnani being the first installment of the grant for the year 2022-2023 for implementation of the said research project.

Principal 3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)

This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)

MES Ponnani College

Ponnani South - 679 586

- 4. The Sanction has been issued to MES Ponnani College, Palakkad Ponnani Rd, South- Po, Ponnani with the approval of the competent authority under delegated powers on 02 February, 2023 and vide Diary No. SERB/F/10102/2022-2023 dated 06 February, 2023
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (<u>www.serb.gov.in</u>).
- 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.
- 8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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. 2460000 (Rupees Twenty Four Lakh Sixty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	mesclgpni
Account Name	Principal MES College
Account Number	67276877999
Bank Name & Branch	State Bank of India State Bank of IndiaChandappady, Ponnani-POMalappuram- Dt., Kerala-67957
	SBIN0070199 (
Email id of A/C Holder	principal mesponnani@gmail.com
Email id of PI	sreejithedapal@gmail.com

- 12. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 14. The project File no. CRG/2022/003792 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
- 15. 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.
- 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 Ahmual Report.

Principa

MES Ponnani College

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

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

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

	The Principal Director of Audit, A.G.C.R.Building, Illrd Floor I.P. Estate, Delhi-110002
	The Principal Director of Addit, A. G. Canada
<b>)</b>	Sanction Folder, SERB , New Delhi.
3	File Copy
4.	Dr. Sreejith C Department of PG Studies and Research in Geology MES Ponnani College , Palakkad - ponnani rd, south- po, ponnani, Malappuram, Kerala-679586 Email: sreejithedapal@gmail.com Mobile: 919446807407
	Dr. Nithya M  Geology  MES Ponnani College  (Start date of the project may be intimated by name to the undersigned. For guidance terms & Conditions etc. Please visit <a href="https://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Principal, MES Ponnani College, Palakkad - Ponnani Rd, South- Po, Ponnani (Receipt of Grant may be intimated by name to the undersigned)

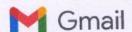
(Dr. Prahlad Ram) Scientist D prahlad@serb.gov.in

Principal

MES Ponnani College

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PONNANI SOUTH PIN- 679 586



C Sreejith <sreejithedapal@gmail.com>

#### **SERB-Notification**

4 messages

**SERB\_Administrator@serbonline.in** <SERB\_Administrator@serbonline.in> To: serbinfo1@gmail.com

11 January 2023 at 16:56



### Science and Engineering Research Board

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

Department of Science and Technology, Government of India

#### SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

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

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

#### Approval Letter

File Number: CRG/2022/003792

Dated: 11-Jan-2023

Subject: Project titled "Occurrence and behaviour of Rare Earth Elements (REE) in selected alkaline granitoids and their weathered crusts of Kerala, southern India: Investigation on potential ion-adsorption clay-type REE deposits".

Dear Dr. C. Sreejith

The project cited above has been recommended by the related **Core Research Grant** to the Science and Engineering Research Board (SERB) for funding. Committee recommended this project for financial support with a total **Budget outlay of Rs. 50,45,766/-** (Rupees fifty lakhs forty-five thousand seven thousand and sixty-six). The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

#### Manpower:

Junior Research Fellow(JRF) - 1

Equipment Details: Rs. 25,00,000/-(Approx.)

1.Jaw Crusher - 1

2. Thin Section - Precision Cutter - 1

3. Rock Cutter - 1

4. Desktop Computer - 1

5. Geological Compass - 1

6. Digital SLR Camera - 1

7. Handheld Global Positioning System - 1

8. All-in-One Printer - 1

Consumables : Rs. 1,30,000/-

Other Cost: Rs. 2,50,000/-(Analysis)

Travel Cost : As proposed Contingencies : As proposed Overhead : As per norms MES Ponnani College Ponnani South - 679 586 You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

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

You are requested to upload the following documents of the approved budget positively by 20.01.2023 to release the funds. Failing which, there will be no certainty of financial support.

1. Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).

2. Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc. in SERB format)

format).

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

4. RTGS/PFMS details of the implementing institute to facilitate transfer of the fund as per the template

in SERB format.

5. Finer details for Consumables (items, its cost, per year expenditure, total, etc.), Travel (field trips, no. of person. days, per year expenditure, total, etc.,), Contingency (items, its cost, per year expenditure, total, etc.,) and Other cost if any (letter of support for sample analysis, No. of samples/items, analysis cost, per year expenditure, total, etc.,)

6. Permission for abroad sample analysis

7. Permission to carry out field work/sampling in restricted areas (if applicable)8. Any other documents (as detailed below specific to the programme concerned).

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

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

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

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

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. CRG/2022/003792 may also be mentioned in all research communications arising from the above project.

Yours sincerely,

(Dr. Prahlad Ram)

Scientist D

Email: prahlad@serb.gov.in

Dr. C. Sreejith

Department of PG Studies and Research In Geology

MES Ponnani College, Palakkad - Ponnani Rd, South- Po, Ponnani, Malappuram, Kerala-679586

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