



THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University

Re-accredited by NAAC With B+ Grade



Fourth Cycle
NAAC Accreditation 2024

Criterion 3 Research, Innovations and Extension

3.1 - Resource Mobilization for Research

Metric No. 3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years

Sanction orders of grants by funding agencies

Submitted to



National Assessment and Accreditation Council



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KOCHI - 682 002

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Website: www.thecochincollege.edu.in

email: email@thecochincollege.edu.in

Declaration of principal

This is to certify that the following are the grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years.

Year	Number of Grants Received	Amount in Lakhs (INR)
2023-24	0	0
2022-23	2	2.0
2021-22	2	82.08
2020-21	0	0
2019-20	3	18.40
Total	7	102.48





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2 UVIt data analysis for Research



Proposal for 3 full day offline workshop on UVIT data analysis

1 message

Ranjeev Misra <rmisra@iucaa.in>

Sun, 30 Jan, 2022 at 11:32

To: Sathya <sathyanarayanank@thecochoincollege.edu.in>

Cc: Kanak Saha <kanak@iucaa.in>, Mukund Sahasrabudhe <mss@iucaa.in>, samuel <samuel@iucaa.in>, Yogesh Thakare <thakare@iucaa.in>, Santosh Jagade <santoshj@iucaa.in>, Rewati Mohakar <rewati@iucaa.in>

Dear Sathya,

I am pleased to inform you that the IUCAA Meetings' committee has approved your proposal to hold a 3 day workshop during August 24-26, 2022. IUCAA financial commitment will be limited to Rs. 1,81,025 as per the budget details attached.

A month before the proposed workshop (July 24th), please ascertain pandemic situation in your region and decide whether to hold the workshop or postpone it. If you decide to go ahead with the workshop, please provide a written consent from the Principal of your college to hold the workshop. Please follow all COVID regulations that would be in place at that time.

@Yogesh/Santosh: Please include this in the IUCAA's events page:

Workshop on UVIT Data Analysis on Galaxies
Place: The Cochin College, Kerala
Date: August 24-26, 2022
Coordinators: Sathya Narayanan K | Kanak Saha

regards,

Ranjeev

----- Original Message -----

From: "Sathya" <sathyanarayanank@thecochoincollege.edu.in>

To: "Ranjeev Misra" <rmisra@iucaa.in>

Cc: "Kanak Saha" <kanak@iucaa.in>

Sent: Sunday, January 23, 2022 4:58:40 PM

Subject: Proposal for 3 full day offline workshop on UVIT data analysis

[Quoted text hidden]





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3 DBT STAR College Scheme

HRD-11011/36/2021-HRD-DBT

Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8th Floor
CGO Complex, Lodi Road
New Delhi - 110003
Dated: 28/09/2021

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **The Cochin College, Koovapadam, Cochin, Ernakulam, Kerala** at a total project cost of **Rs. 82.00 lakhs (Rupees eighty two lakhs only)** for three years as per budget details are given below:-

Head	Amount (Rs. In lakhs)			
	1 st Year rel	2 nd Year rel	3 rd Year rel	Total
Non-Recurring Equipment @ Rs. 10.00 lakhs per dept. (1. Chemistry, 2. Zoology, 3. Physics and 4. Botany)	40.00	0.00	0.00	40.00
Recurring to all four depts. @ Rs. 3.00 lakhs per year (1. Chemistry, 2. Zoology, 3. Physics and 4. Botany)	12.00	12.00	12.00	36.00
Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 1.00 lakhs per year	1.00	1.00	1.00	3.00
Contingency @ Rs. 1.00 lakh per year	1.00	1.00	1.00	3.00
Total:	54.00	14.00	14.00	82.00

2. **Dr. Vineeth Kumar T V, Assistant Professor, Department Of Zoology, The Cochin College, Koovapadam, Cochin, Ernakulam, Kerala** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organization is called upon to do so.
5. Non-recurring grant shall be utilized within 18 months of their release. The details of the approved equipment for the implementation of the project is at **Annexure-II**.
6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. **The interest so earned should be refunded to the consolidated funds of India through Bharat Kosh (NTRP) Portal.**

Dr. SHAMA GUPTA
Principal
Department of Biotechnology
Ministry of Science & Technology
Government of India, N. Delhi





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4 Student Research Project Scheme

**Kerala State Council for
Science, Technology and Environment**

29.10.2021

Prof (Dr.) K.P. Sudheer
Executive Vice President
KSCSTE, Pattom

Letter No. 00997/SPS 65/2021/KSCSTE

Dear Dr.manjusha M V

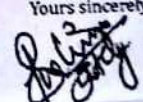
Sub:- Financial assistance for Student Project scheme of KSCSTE reg.
Ref:- Your application received under Student Project scheme

This is to invite your attention to the reference cited and to inform that the project proposal titled "study of structural properties of Bismuth Ferrite (BiFeO₃) and BiFeO₃ doped with copper and its applications in photo catalysis." submitted by Dr.manjusha M V as PI and JINU JOHN, DHANANJAI PJ as student investigator(s) has been approved. An amount of ₹10000/- is sanctioned by the Council. The budget estimate of the project is as detailed below.

SL.NO.	ITEMS	AMOUNT(₹)
1	Consumables	5500
2	Minor equipments	1000
3	Travel	500
4	Research Literature & Documentation	500
5	Others (for analysis)	100
	Total	7600

The PI has to submit the signed Terms and Conditions (as per the guidelines) and the date of start of the project within two weeks to the undersigned. The project should be completed within six months and submit the certified soft copy of the final report (in pdf to sed.kscste@kerala.gov.in), audited Statement of Expenditure and Utilization Certificate counter signed by the Head of the Institution for releasing the grant. The format for final report, SE and UC can be downloaded from www.kscste.kerala.gov.in.

Thanking you,

Yours sincerely,

Prof (Dr.) K.P. Sudheer

To
The Principal, The Cochin College, 682002

Copy to:
Dr.manjusha M V, Assistant Professor grade 2, Physics, The Cochin College-682002
JINU JOHN, DHANANJAI PJ student(s), The Cochin College-682002

Sasthra Bhavan, Pattom P.O., Thiruvananthapuram - 695 004, Kerala State, India
Tel : 0471 - 2548200-09, EVP - 2543557, 2548222, MS - 2534605, 2548220, CoA - 2543556, 2548248
Fax : 0471 - 2540085, 2534605 e-mail : kscste@gmail.com, www.kscste.kerala.gov.in





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5 EMT

File No.KSCSTE/2746/2019-EMT



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE –

Environment Management Training 2019 – Releasing financial assistance to The Principal, The Cochin College, Kochi, Ernakulam –Sanctioned – Orders issued.

Council (P) Order No279/2020/KSCSTE Dated: Thiruvananthapuram,28/05/2020

- Ref: 1. GO. MS No. 18/2019/S&TD dated 17.08.2019
2. Notification dated 16 July 2019
 3. Application No. EMT-7 dtd 18.07.2019
 4. Decision of Meeting of Expert Committee held on 24 August 2019
 5. Letter KSCSTE dtd 31 October 2019

ORDER

1. Government of Kerala has sanctioned a scheme Environment Management Training under Ecology and Environment Programmes for the financial year 2019-20 as per order (1) read above.
2. As per vide reference (2 & 3) cited above, The Principal in Charge, The Cochin College, Kochi, Ernakulam has submitted a proposal titled 'Environment & Sustainable Development through healthy practices' with Programme Co-ordinator as Dr. Manju V Subramanian, Assistant Professor in Zoology, The Cochin College, Kochi, Ernakulam, seeking financial assistance under the scheme, Environment Management Training 2019.
3. KSCSTE verified the proposal in detail and provisionally approved an amount of Rs. 1,00,000/- towards expenses to conduct the training programme titled 'Environment & Sustainable Development through healthy practices' subject to the condition that the approved amount will be released on submission of satisfactory report and audited Statement of Expenditure (SE) and Utilization Certificate (UC) of programme conducted and as per decision read (4) and letter read (5) cited above.
4. The Head of Institution after conducting the programme on 07, 09 & 10 January 2020 has submitted the audited SE & UC. KSCSTE verified the same in detail and are now pleased to accord sanction for release of an amount of Rs. 1,00,000/- (Rupees One Lakh Only) to The Principal, The Cochin College, Kochi, Ernakulam by means of electronic payment for the above said purpose as per their details given below:

Beneficiary Account Name

PRINCIPAL

Scanned with CamScanner





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6 SARD-KSCSTE

File No.KSCSTE/2409/2018-SARD



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE – SARD - “Infrastructure Strengthening of the Department of Physics, The Cochin College, Kochi” by **Dr. Annieta Philip K.**, Associate Professor, Department of Physics, The Cochin College, Kochi - Financial assistance for the first year - sanctioned - orders issued.

Council (P) Order No866/2018/KSCSTE Dated: Thiruvananthapuram,30/12/2018

Ref: - (1) File No. KSCSTE/2409/2018-SARD

(2) 16th SARD Committee decision dated 24-25 September 2018.

ORDER

1. As per the reference (2) cited above, Kerala State Council for Science, Technology and Environment (KSCSTE) is pleased to sanction the financial assistance for the strengthening of the infrastructure and R&D facilities to a total cost of **Rs. 15,00,000/- (Rupees Fifteen Lakh only)** for a period of three years to the Department of Physics, The Cochin College, Kochi with **Dr. Annieta Philip K.** as the Coordinator .

2. The budget details are given below:

Sl. No.	Items	Year I (Rs.)	Year II (Rs.)	Year III (Rs.)	Total (Rs.)
1	Equipment	1,80,000/-	-	-	14,40,000/-
	a. Crystallizer Set-up and related assembly				
	b. Spectrophotometer	3,60,000/-			
	c. Schlieren Imaging System	4,05,000/-			
	d. DSLR Camera with image capturing control and high resolution for Imaging studies	60,000/-			
	e. Mach Zehnder Interferometer set up	1,50,000/-			
	f. Computer with image processing software	50,000/-			
	g. Air conditioner to create low temperature lab for crystal growth	35,000/-			
	h. Vacuum Pump	25,000/-			
	i. Muffle furnace	1,50,000/-			
	j. Miscellaneous	25,000/-			
2	Maintenance	-	30,000/-	30,000/-	60,000/-
	Total (Rs.)	14,40,000/-	30,000/-	30,000/-	15,00,000/-

3. An amount of **Rs. 14,40,000/- (Rupees Fourteen Lakh Forty Thousand Only)** will be released as the first year SARD grant by means of Electronic Fund Transfer (NEFT) as per their





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7 Science Popularisation Program-SPP

**KERALA STATE COUNCIL FOR SCIENCE,
TECHNOLOGY AND ENVIRONMENT
SCIENCE POPULARIZATION PROGRAMME
(SPP)**

PROJECT COMPLETION REPORT

1. Title of the Project: "BIOMAG' 2017 - Community Based Solid and Bio Waste Management Project through re-cycling and up-cycling in an adopted ward of Corporation of Kochi"
2. Name and address of Principal Investigator(s) and Co-Investigator(s) with mobile No : Dr. Manju V Subramanian
Assistant Professor,
Dept. of Zoology,
The Cochin College,
Kochi-2
Mobile. No: 9495336605
Telephone No: 04842222303
E-mail ID: manjubiju906@gmail.com
3. Implementing Institution(s) and other collaborating Institution(s) : Planatearth, NGO, Aluva.
4. Duration of the project : 1 year
5. Date of commencement : 25th June 2018
6. Proposed date of completion : 25th June 2019
7. Actual date of completion : 8th March 2020
8. Objectives as stated in the project proposal:
 - Create awareness among the local community for a decentralized system of waste Management
 - Start and operate a community based composting unit for domestic food waste
 - Start and operate a door to door collection system for dry waste
 - Arrange a space for storage and sorting of dry waste with forward linkage for Quantification and Documentation of all wastes thus collected and processed recycling
 - Make the compost ready and available for the local community
 - Train kudumbasree workers to make upcycle products from plastic wastes and marketing them
9. Deviation made from original objectives if any, while implementing the project and reasons there of: Nil

