

## COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

State Plan Grant - Seed Money for New Research Initiatives (SMNRI) 2024-25 - Proposals approved - Release of advance- Sanctioned - Orders issued.

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### PLANNING AND DEVELOPMENT DIVISION

No.CUSAT/PL(UGC).A5/2847/2024

Dated,KOCHI-22,06.07.2024

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- Read:-1. Circular No. CUSAT/ PL(UGC).A5/ 99083/ 2023 dated 16.08.2023  
2. U.O Note No. IQAC/ SMNRI/ 2023 dated 18.01.2024  
3. U.O Note No. IQAC/ SMNRI/ 2023 dated 06.04.2024  
4. U.O No. CUSAT/ PL(UGC).A5/ 2308/ 2024 dated 03.06.2024  
5. Minutes of the meeting of SMNRI Project Evaluation Committee [SPEC] held on 10.06.2024 & 11.06.2024  
6. U.O No.CUSAT/ PL(UGC).A5/ 1299/ 2023 dated 20.03.2023

### ORDER

Proposals from the newly recruited faculties of various Departments/Schools/Centres in the University were called for, vide paper read as (1) above for submitting projects under Seed Money New Research Initiatives, during 2023-24. In its response, eleven newly recruited faculties submitted their project proposals which were subjected to scrutiny by the IQAC core committee at its meeting held on 11.01.2024. After assessment, proposals of ten faculties were recommended by the IQAC Core Committee for approval during the current financial year. A project presentation of the recommended faculties were made before the SMNRI Project Evaluation Committee [SPEC], constituted vide paper read(4) above, on 10.06.2024 & 11.06.2024. After reviewing the presentation, SPEC recommended to accept the proposals of nine faculties and finalized allocation of grant to each of them.

Considering the above and the recommendations of the Finance Officer, the Vice Chancellor has accorded sanction for the approval of nine projects and its total budget allocation of ₹17.57 lakhs as shown in Appendix, towards the scheme "Seed Money for New Research Initiatives(SMNRI) 2024-25".

The respective faculties shall draw the amount shown for 1 year in the Appendix as advance during this financial year(2024-25), and the remaining during the next financial year.

The selected faculties have to strictly follow the SMNRI Guidelines, communicated vide paper read at (6) above, and are directed to complete the entire procedures within the project period, as stipulated. In addition to the above, the faculties shall ensure compliance of the following conditions in implementing the projects :

1. The project will be deemed to have commenced w.e.f the date of this UO.

2. The completion of the project will strictly be in accordance with the Guidelines of SMNRI (Ref. 6 above).
3. The SMNRI project will be in project mode and the faculty concerned will be the Principal Investigator of the project, who shall draw the advance sanctioned.
4. To withdraw the first installment grant of ₹12.87 lakhs by these 9 faculties during this FY itself, and the remaining ₹4.70 lakhs during the next FY.
5. Purchase of laptops/computers are not permitted under the project, unless otherwise sanctioned specifically. Instead, the Principal Investigators may make use of the same available at their respective Departments/Schools/Centre.
6. The respective faculty shall settle the advance drawn, by strictly adhering to the conditions stipulated in the Guidelines, after drawing the full amount in the subsequent financial year/s by using a single adjustment bill, with proper bills and vouchers, and necessary Certificates.

The concerned Principal Investigator should ensure that bills submitted in this regard, meeting the expenditure from the Head of Account: "1-98-0-U-1-017 Research Seed Money for young teachers" be routed through the Planning & Development Officer for countersignature and for effective monitoring of fund utilization.

Orders are therefore issued accordingly.

**Zaida K M \***  
**PLANNING AND DEVELOPMENT**  
**OFFICER**

To:

1. The Faculties concerned - through the Head of the Department
2. The Head/Director of the Department / School /Centre's concerned
3. The Joint Director, Kerala State Audit Department
4. The Director, IQAC
5. The Joint Registrar (Finance) / The Deputy Registrar (Admn . I)
6. The Assistant Registrar (Cash /Finance /Audit /Accounts)
7. Audit D/ Accounts I/ I A&I/ Admn.-D/ Cash-A/Payroll-B Sections
8. Statistical Officer/ CIRM.Webmaster
9. PS to VC / PS to PVC / PA to Registrar / PA to FO
10. File Copy / Office Copy

\* This is a computer generated document. Hence no signature is required.

## SMNRI 2024 -25

SI No.	Name, Designation & Department	Title of the Project	Sanctioned Allocation(In ₹)				
1	Dr. Sreedevi E.P Assistant Professor Department of Statistics	Modeling and analysis of cure data with different patterns of incompleteness	SI No.	Heads of Expenditure	I Year	II Year	Total
			1	Travel(within India)	25,000	25,000	50,000
			2	Contingencies (up to 5%)	20,000	20,000	40,000
			3	Books and Journals	50,000	-	50,000
			<b>Grand Total</b>		<b>95,000</b>	<b>45,000</b>	<b>1,40,000</b>
2	Dr. Mohammed Noohu Nazeer Assistant Professor Department of Marine Geology and Geophysics	Monitoring the environmental health of coastal Ernakulam using microfossil as a proxy: A case study implying Sedimentological and hydrological parameters	SI No.	Heads of Expenditure	I Year	II Year	Total
			1	Consumables	15,000	15,000	30,000
			2	Travels(Within India)	25,000	25,000	50,000
			3	Contingencies (up to 5%)	10,000	10,000	20,000
			4	Equipments	1,00,000	-	1,00,000
			<b>Grand Total</b>		<b>1,50,000</b>	<b>50,000</b>	<b>2,00,000</b>
3	Dr. Selvia Kuriakose Assistant Professor Department of Marine Geology & Geophysics	Exploring machine learning (ML) techniques for Satellite image fusion for hyperspectral and multispectral images	SI No.	Heads of Expenditure	I Year	II Year	Total
			1	Consumables	25,000	25,000	50,000
			2	Travels(Within India)	25,000	25,000	50,000
			3	Contingencies (up to 5%)	20,000	20,000	40,000
			4	Software for data analysis	50,000	-	50,000
			<b>Grand Total</b>		<b>1,20,000</b>	<b>70,000</b>	<b>1,90,000</b>

4	Dr. Ajees A P Assistant professor Department of Computer Science	An AI based solution for real-time intruder detection using CCTV surveillance videos	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Consumables	10,000	10,000	20,000
			2	Travels(Within India)	20,000	20,000	40,000
			3	Laptop	80,000	-	80,000
			<b>Grand Total</b>		<b>1,10,000</b>	<b>30,000</b>	<b>1,40,000</b>
5	Dr. Beena Mary John Assistant Professor Department of Ship Technology	Physical model studies on the wave-structure interaction of Cylindrical structures subjected to regular waves	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Travels(Within India)	10,000	10,000	20,000
			2	Contingencies (up to 5%)	5,000	5,000	10,000
			3	Equipments	2,40,000	-	2,40,000
			<b>Grand Total</b>		<b>2,55,000</b>	<b>15,000</b>	<b>2,70,000</b>
6	Dr. Haseena K A Assistant Professor Department of Ship Technology	Model Based Adaptive Controller for Maximize the Energy Efficiency of Oscillatory Surge based Wave Energy Converter	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Travels(Within India)	10,000	10,000	20,000
			2	Equipments	1,00,000	1,00,000	2,00,000
			3	Procurement of data acquisition system on Rental Basis	50,000	-	50,000
			<b>Grand Total</b>		<b>1,60,000</b>	<b>1,10,000</b>	<b>2,70,000</b>
7	Dr. Shailesh S Assistant Professor Department of Computer Science	Preservation and Revitalization of Theyyam Cultural Heritage through Intelligent Computational Framework using AI	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Travels(Within India)	10,000	10,000	20,000
			2	Contingencies (upto 5%)	5,000	5,000	10,000
			3	Work Station	1,22,000	-	1,22,000
			4	Digital Camera	25,000	-	25,000
<b>Grand Total</b>		<b>1,62,000</b>	<b>15,000</b>	<b>1,77,000</b>			

8	Dr. Poornima S Assistant Professor Department of Electronics	Performance Investigation of Sub-band Full Duplex Technology for 5G and Beyond.	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Travels(Within India)	15,000	15,000	30,000
			2	Contingencies (up to 5%)	20,000	20,000	40,000
			3	Work Station	1,00,000	-	1,00,000
			<b>Grand Total</b>		<b>1,35,000</b>	<b>35,000</b>	<b>1,70,000</b>
9	Dr. Sheena M. A Assistant Professor Department of Hindi	<i>"Samakaleen Hindi aur Malayalam Upanyasom mein Krishak jeevan ka yatharth"</i>	<b>SI No.</b>	<b>Heads of Expenditure</b>	<b>I Year</b>	<b>II Year</b>	<b>Total</b>
			1	Books and Journals	50,000	50,000	1,00,000
			2	Travels(Within India)	25,000	25,000	50,000
			3	Contingencies (up to 5%)	25,000	25,000	50,000
			<b>Grand Total</b>		<b>1,00,000</b>	<b>1,00,000</b>	<b>2,00,000</b>
<b>TOTAL</b>							
<b>I Year - ₹ 12.87 lakhs</b>							
<b>II Year - ₹ 4.70 lakhs</b>							