

## COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

Department of Atmospheric Sciences - Implementation of SERB project titled "Quantifying The Role of Various Cloud/Rain Processes On The Variability Of Stable Oxygen And Hydrogen Isotopes Of Tropical Rainfall", under the Principal Investigatorship of Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences - Implemented - Orders issued.

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### Planning(B)

No.CUSAT/PL(B).A3/749/2024

Dated,KOCHI-22,15.02.2024

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- Read:-1) SERB sanction order no.SUR/2022/004099 dated 12.01.2024  
2) Letter No.Nil dated 23.01.2024 from Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences  
3) U.O. No PLB1/5706/1998 dated 14.09.1999 & 28.03.2005  
4) Circular No PLB2/7321/2005 dated 21.08.2008  
5) Circular No. PLB/Send off Overhead sharing/2018 dated 03.11.2018

### ORDER

Science and Engineering Research Board vide paper read as (1) above, has conveyed sanction for the project titled "Quantifying The Role of Various Cloud/Rain Processes On The Variability Of Stable Oxygen And Hydrogen Isotopes Of Tropical Rainfall", under the Principal Investigatorship of Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences and with Dr. Lekshmy P. R., Assistant Professor, Department of Atmospheric Sciences & Dr. Satheesan K., Professor, Department of Atmospheric Sciences as the Co-Principal Investigators for a period of 3 years with effect from the day the first release of grant received by the implementing institute, at a total cost of Rs.27,22,760/-.

Dr. Midhun M., vide paper read as (2), has requested to implement the SERB Project in the Dept. of Atmospheric Sciences with effect from the date of receipt of first installment of the grant in the University.

Considering the above, sanction is accorded by the Vice-Chancellor to implement the SERB Project titled "Quantifying The Role of Various Cloud/Rain Processes On The Variability Of Stable Oxygen And Hydrogen Isotopes Of Tropical Rainfall", under the Principal Investigatorship of Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences and with Dr. Lekshmy P. R., Assistant Professor, Department of Atmospheric Sciences & Dr. Satheesan K., Professor, Department of Atmospheric Sciences as the Co-Principal Investigators, for a period of 3 years with effect from 20.01.2024, at a total cost of Rs.27,22,760/-.

Sanction is also accorded to the Principal Investigator, Dr. Midhun M. to draw advances against the project as per the references at (3) to (5) above and also to open an interest bearing SB account for the project related transactions. The expenditure in this regard will be met out of the H/A '1-98-0-U-3-843' provided in the budget of the University.

Orders are issued accordingly.

### DETAILS OF GRANT ALLOCATION

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Sl No.	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment > Laptop > Liquid Nitrogen Container > Computer	375000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>375000</b>
<b>B</b>	<b>Recurring</b>	
1	Recurring-I: (Research Personnel- > Junior Research Fellow) Recurring-II: (Consumables, Travel, Contingencies, Other Cost) Recurring-III: Scientific Social Responsibility	1350240 750000 0
2	Recurring-IV:(Overhead Charges)	247520
<b>B'</b>	<b>Total (Recurring)</b>	<b>2347760</b>
<b>C</b>	<b>Total cost of the project (A+B)</b>	<b>2722760</b>

#### DETAILS OF SERB PROJECT

1	Name of Project	: "Quantifying The Role of Various Cloud/Rain Processes On The Variability Of Stable Oxygen And Hydrogen Isotopes Of Tropical Rainfall"
2	Name of Funding Agency	: SERB
3	Sanction Order No .& Date	: File No.SUR/2022/004099-G dated 12.01.2024 from SERB
4	Name of PI and Co-PI	: PI: Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences, CUSAT. Co-PIs: 1. Dr. Lekshmy P. R., Assistant Professor, Department of Atmospheric Sciences, CUSAT 2. Dr. Satheesan K., Professor, Department of Atmospheric Sciences, CUSAT
5	Total Grant	: Rs.27,22,760/-
6	Duration	: 3 years
7	Date of commencement	: 20.01.2024
8	Grant released	: Rs.11,57,000/- (7,82,000+3,75,000)
9	Head of Account	: '1-98-0-U-3-843'

**Sabitha P \***  
**PLANNING AND DEVELOPMENT**  
**OFFICER**

To:

Dr. Midhun M., Assistant Professor, Department of Atmospheric Sciences  
Dr. Lekshmy P. R., Assistant Professor, Department of Atmospheric Sciences  
Dr. Satheesan K., Professor, Department of Atmospheric Sciences  
The Head, Department of Atmospheric Sciences  
The Finance Officer/Joint Director, Kerala State Audit Department  
Director, Centre for Information Resource Management  
Assistant Registrar (Audit/Accounts/Cash)  
PS to Vice-Chancellor/PS to Pro-Vice-Chancellor/PA to Registrar  
Finance/IA&I/Audit D/Accounts I/Cash A&B sections/Statistical Officer  
Stock File/Day File/File Copy

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