



UNIVERSITY OF CALICUT

Abstract

Directorate of Projects - request of Dr. Shibu E S , Assistant Professor in the Department of Nanoscience, University of Calicut for an additional amount of Rs. 50,000/- from seed money grant to complete the purchase of a rotary evaporator and a vaccuum pump for his seed money project - sanctioned - orders issued.

Directorate of Projects

U.O.No. 21981/2021/Admn

Dated, Calicut University.P.O, 29.12.2021

- Read:-*1.U.O No. 12694/2021/Admn dated 21/10/2021.
2.U.O.No. 15116/2021/Admn dated 09.11.2021.
3.Request received from Dr.Shibu E S, Assistant Professor, Department of Nanoscience & Principal Investigator Seed money project in the Department of Nanoscience & Technology.
4.Orders of Vice Chancellor in the reff. file dated 28/12/2021.

ORDER

1).Vide order read as 1st above, Vice Chancellor has accorded sanction for the Implementation of a seed money project project entitled "Photo-Switchable Nanoprobes for Reversible Surface-Enhanced Raman Scattering (SERB)/Tip-Enhanced Raman Scattering(TERS)" in the Department of Nanoscience and Technology and initiation of purchases of various items as per purchase rules from the various heads for a total amount of ₹.2,90,000/-.

2).Vide order read as 2nd above, Vice-Chancellor has accorded sanction to Dr.Shibu E S, Asst. Professor, Department of Nanoscience and Technology to purchase a rotary evaporator and a vaccuum pump for seed money project and to invite the tender to purchase the rotary evaporator and a vaccuum pump with a direction to the PI to proceed for issuing tender notice from the Department of Nano Science and Technology, University of Calicut.

3).Vide the reff read as 3rd above, Dr.Shibu E S, Assistant Professor, Department of Nanoscience & Principal Investigator of Seed money project in the Department of Nanoscience & Technology requested for sanctioning an additional amount of ₹.50,000/- for the purchase of a rotary evaporator and a vaccuum pump, as the firm Buchi, the only bidder in this case and the leading manufacturer of Rotary evaporator in GeM Portal could not meet the total expenditure from Rs. 2,90,000/- (which is the already sanctioned to the PI).

4).Considering the request, as per reference 4th above, Vice-Chancellor has accorded sanction to Dr.Shibu E S, Asst. Professor, Department of Nanoscience and Technology for releasing an additional amount of Rs. 50,000/- from seed money grant for the purchase of a rotary evaporator and a vaccuum pump considering it as a special case.

5)The expenditure on this account will be met from the Head of Account Part I 55 - 2083 - 01 Seed Money to undertake Minor Research Projects of the current year's budget.

6).Orders are issued accordingly.

Abraham Joseph

Director

To

1. Dr.Shibu E S, Assistant Professor, Department of Nanoscience, Principal Investigator of Seed money project in the Department of Nanoscience & Technology.
- 2.The Head of The Department of Nano Science and Technology, University of Calicut.

Copy to : PS to VC/ PA to PVC/ PA to Registrar/ PA to FO/ Budget/ KSAD/ SF

Forwarded / By Order

Section Officer



UNIVERSITY OF CALICUT

Abstract

Directorate of Projects -Minor Research Projects utilizing seed money sanctioned to Assistant Professors in the various departments of the University - Implementation of seed money project sanctioned to Dr.Shibu E S , Assistant Professor in the Department of Nanoscience, University of Calicut and initiation of purchases of various items as per purchase rules - Sanctioned -orders issued.

Directorate of Projects

U.O.No. 12694/2021/Admn

Dated, Calicut University.P.O, 21.10.2021

- Read:-*1. U.O.No. 4474/2021/Admn Dated, 16.04.2021.
2. Circular No. 64514/RESEARCH-A-SO/2021/Admn Dated: 25.03.2021 and 13.04.2021
3. U.O.No. 5773/2021/Admn Dated 30.05.2021
4. U.O.No. 8527/2021/Admn Dated 28.08.2021.
5. Mail dated 27/09/2021 from Dr.Shibu E S , Assistant Professor, Department of Nanoscience, University of Calicut.
6. Orders of Vice Chancellor in the reff. file dated 07/10/2021.

ORDER

1). Vide order 1st cited above, Sanction had been accorded by the Vice Chancellor to implement the resolution of the Syndicate held on 20.03.2021 vide item No. 2021.360* regarding sanctioning of grant Rs. 80,00,000/- (Rupees Eighty Lakh Only) as seed money to teaching faculties of University departments i.e., 10 faculties each from 'Science Stream' and 'Humanities and Arts stream' as per the amount specified for each projects. i.e Rs. 5 Lakh for Science and Rs. 3 Lakh for Humanities and Arts by inviting applications to undertake Minor Research project for the financial year 2021- 2022.

2). Vide paper read 2nd above, all the Permanent/Regular Teachers preferably Assistant Professors in various Departments of University of Calicut, who wish to undertake a Minor Research Work utilizing seed money, were requested to submit their Minor Research Proposal applications in the prescribed proforma as in the guidelines to the Director, Director of Research/the Director, Directorate of Project Cell & Consultancy on or before 9th April 2021. the date of submission of Proposals was extended to 23rd April 2021 as per circular dated 13.04.2021.

3). Vide U.O. 3rd above, Vice-Chancellor has approved the minutes of Subject Expert Committee meeting held on 27.05.2021 at 11.30 am and 28.05.2021 at 4.30 pm via google meet platform for finalizing the list of Assistant Professors for the final selection of Principal Investigators of Minor Research Projects utilizing seed money.

4). Vide U.O reffered 4th above, the Vice-Chancellor has approved the minutes of Subject Expert Committee to award seed money to all newly recruited Assistant Professors of the Teaching Departments who have submitted the project proposals and to finalize the amount to be sanctioned for the individual proposals on the basis of online interface from Monday 12 July 2021 to Friday 16 July 2021 with the newly recruited teachers of various departments. The Committee also recommended to release the amount to the teachers in a single installment and directed the teachers to follow strictly the guidelines of the revised project regulations. The Project Proposal "**Photo-Switchable Nanoprobes for Reversible Surface-Enhanced Raman Scattering (SERS)/Tip-Enhanced Raman Scattering(TERS)**" submitted by Dr.Shibu E S. Asst. Professor, Department of Nanoscience and Technology also included in the list.

5). Vide reff. 5th above, Dr.Shibu E S, Assistant Professor, Department of Nanoscience and Technology requested for the following:

- i) Implementation of newly sanctioned minor research project "**Photo-Switchable Nanoprobes for Reversible Surface-Enhanced Raman Scattering (SERB)/Tip-Enhanced Raman Scattering(TERS)**" utilizing seed money in the Department of Nanoscience and Technology.
- ii) Initiation of purchases of various items as per purchase rules from the various heads as shown in the table below for a total amount of ₹2,90,000/.

| Name & details of PI | Books and Journals | Equipment/ Computer and Laptop | Fieldwork and travel | Chemicals /Glassware/ make up/cos tumes/light/set | Contingency/including/ Hiring/Honorarium/ Publication/Printing/ Documentation/ Sample analysis | TOTAL |
|--|--------------------|--------------------------------|----------------------|---|--|-----------|
| Dr.Shibu E S, Assistant Professor, Department of Nanoscience | - | 2,90,000/- | - | - | - | 2,90,000/ |

6). Considering the request, as per reference 6th above, Vice-Chancellor has accorded sanction to Dr.Shibu E S,Asst. Professor, Department of Nanoscience and Technology for the the following;

- i) Implementation of newly sanctioned minor research project "**Photo-Switchable Nanoprobes for Reversible Surface-Enhanced Raman Scattering (SERB)/Tip-Enhanced Raman Scattering(TERS)**" " utilizing seed money in the Department of Nanoscience and Technology.
- ii) Initiation of purchases of various items as per purchase rules from the various heads as shown in the table above for a total amount of ₹.2,90,000/-

7).The expenditure on this account will be met from the Head of Account Part I 55 - 2083 - 01 Seed Money to undertake Minor Research Projects of the current year's budget.

8). Orders are issued accordingly

Abraham Joseph

Director

To

- 1.Dr.Shibu E S, Assistant Professor, Department of Nanoscience.
- 2.Head of the Department, Department of Nanoscience.

Copy to : PS to VC/ PA to PVC/ PA to Registrar/ PA to FO/ Budget/ KSAD/ SF.

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