



Ref: CRS/2021-22/03/561

Date: 30-03-2022

To,  
Dr. Reshma Sada Raut Dessai  
Goa University

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear Dr. Reshma Sada Raut Dessai,

Thank you for submitting CRS project proposal at UGC-DAE CSR. Your proposal was evaluated by the User Committee and it has been approved as:

Contingency	₹15,000/-
Consumables	₹30,000/-

Your Principal Collaborator from UGC-DAE CSR in this project is: **None.**

Your Principal Collaborator from DAE in this project is: **Dr. Debasis Sen.**

Your coordinator from UGC-DAE CSR is: **Dr. P. D. Babu.**

This project has been approved as per the guidelines/addendum available at our website.

The details of guidelines, addendum and remittance information are available at our website(<https://csr.res.in/>) and User portal([https://csruserportal.com/Crs\\_information](https://csruserportal.com/Crs_information)).

Dr. P. D. Babu  
Centre-Director, Mumbai Centre



Ref: CRS/2021-22/03/561

Date: 2024-02-20

**Sanction Order**

To,  
The Registrar/Principal/Financial Authority,  
Through Dr. Reshma Sada Raut Dessai  
Goa University

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Investigation of application-based properties of Aerogels' by Dr. Reshma Sada Raut Dessai**

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Reshma Sada Raut Dessai** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. P D Babu**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹0	₹18903	₹15000	₹33903	2024-02-20	C022455125014
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2021-22/03/561**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

**6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.**

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

#### **Rules for selection of a CRS project fellow**

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject ( <b>for Science</b> ) M.E. / M. Tech. (not earlier than 3 years) 1st Class ( <b>for Engineering</b> )
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior) -I</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	<b>Same as (1)</b> + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior)-II</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

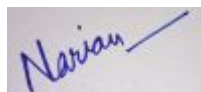
5. Appointment of student in the project is not permitted in the second or third year of the project.

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.

7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.

8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Reshma Sada Raut Dessai, Dr. P D Babu, AO for information.



Narian Kr.Lengay  
Administrative Officer-I  
(UGC-DAE CSR)

INFORMATION OF SANCTIONED PROJECT  
AND APPROVAL FOR IMPLEMENTATION

(REQUEST FOR VICE CHANCELLOR'S APPROVAL)

1. Project Title and sanction letter No. Investigation of application based properties of Aerogels CRS/2021-22/03/561
2. Funding agency : UGC-DARE Consortium for Scientific Research
3. Department : SPAS
4. Principal Investigator : Dr. Reshona Raut Dessai
5. Co-investigator (if any) : NIL
6. Duration of project : 3 years
7. Total amount of the project : Rs. 1,35,000/-
8. Sanctioned Sub Heads and amount :
  - a) Manpower : NIL
  - b) chemicals/consumables : Rs. 30,000/-
  - c) Contingency : Rs. 15,000/-
  - d) Travel : NIL
  - e)
9. Overhead : Rs. NIL
10. Number and Designations of research staff : N/A
11. Terms and conditions :
  - a) Dates for submission of Report N/A
  - b) Dates for submission of utilization certificate : NA
12. Year wise break-up of the sanctioned amount : 45,000/- per year



- 13) Plan of utilization of sanctioned grant over the year : (use additional sheet)

This grant will be utilized  
for the purchase of chemicals  
& for buyup contingency items.

Project Investigator

P Desai  
18/4/2022

Date: 18/04/2022

~~MOD~~

Dean, SPAS

18/4/2022

Date:

(For use of RDRM)

1. Project No. : GU/D-RDRM/UGC-DAE-CSR/RRD/SPAS/09/2021-22
2. Overhead expenditure sanctioned : Rs. - Nil -
3. Mode of submission of utilization certificate (Half yearly/yearly) : yearly
4. Details recorded in
  - a) Section III : -
  - b) Finance Office : -
  - c) RDRM : [Signature] Date : 19/04/22

(FOR USE BY VICE CHANCELLOR)

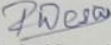
Sanctioned/Not Sanctioned.

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Vice Chancellor

Date :

### UTILISATION CERTIFICATE

Certified That out of Rs. 45000 of grants-in-aid sanctioned during the year 2021-22 in favour of Reshma Sada Raut Dessai under UGC-DAE Consotrium of Scientific Research letter/Order No. CRS/2021-22/03/561 dated 30/3/2022 and Rs. 45000/- on account of unspent balance of the previous year, a sum of Rs.33,903/- has been utilised for the purpose of execution of the project during the year 2022-23for which it was sanctioned and that the balance of Rs.11,097- remainig unutilised at the end of the year has been surrendered to the UGC-DAE Consotrium of Scientific Research (Vide DD No Nil Dated Nil) will be adjusted towards the grants-in-aid payable during the next year i.e.2023-24

  
(Principal Investigator)

Reshma Raut Dessai  
Date : 3/4/2023

  
Finance Officer

Finance Officer  
Date : Goa University  
Taleigao Plateau,  
Goa - 403 206

  
Signature of the Head of the  
Institute

Registrar  
Date : Goa University  
Taleigao Plateau,  
Goa - 403 206

(To be filled by UGC-DAE CSR)

Certified that I have satisfied that the conditions on which the grants-in-aid ws sanctioned have been fulfilled/are being fuilfilled and that I have excersised the following checks to see that the money was actually utilised for the purpose for which it

Kinds of Checks exercised.

- 1
- 2
- 3
- 4
- 5

Signature : \_\_\_\_\_

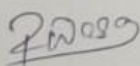
Designation: \_\_\_\_\_

Date : \_\_\_\_\_

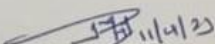
**UTILISATION CERTIFICATE  
FOR THE FINANCIAL YEAR 2022-23**

Annexure-III


- |   |  |                    |
|---|--|--------------------|
| 1 Title of the Project/Scheme :   | Investigation of Application Based Properties of Aerogel/UGC-DAE-CSR |                    |
| 2 Name of the Institution   | Goa University   |                    |
| 3 Principal Investigator  | Dr. Reshma Sada Raut Dessai  |                    |
| 4 UGC-DAE Consortium for Scientific Research sanction order No & date sanctioning the project   | CRS/2021-22/03/561 dated 30/03/2022                                  |                    |
| 5 Head of account as given in the original sanction order   | Contingency and Consumables  |                    |
| 6 Amount brought forward from the previous financial year quoting UGC-DAE Consortium for Scientific Research letter no & date in which the authority to carry forward the said amount was given | i. Amount (Rs.)  | NIL                |
|   | ii. Letter No.   |                    |
|   | iii. Date  |                    |
| 7 Amount received during the financial year   | i. Amount (Rs.)  | 45,000.00          |
|   | ii. Letter/Order No  | CRS/2021-22/03/561 |
|   | iii. Date  | 30-03-2022         |
| 8 Total amount that was available for expenditure (excluding commitments) during the financial year (Sl No 6+7)   | Rs.  | 45,000.00          |
| 9 Actual expenditure (Excluding commitments)  | Rs.  | 33,903.00          |
| 10 Balance amount available at the end of the financial year  | Rs.  | 11,097.00          |
| 11 Unspent balance refunded, if any   | Rs.  |                    |
| 12 Amount to be carried forward to the next financial year  | Rs.  | 11,097.00          |

  
(Principal Investigator)

Reshma Raut Dessai

  
Finance Officer

Finance Officer  
Goa University  
Taleigao Plateau,  
Goa - 403 206

  
Signature of the  
Head of the Institute  
Registrar  
Goa University  
Taleigao Plateau,  
Goa - 403 206



**Statement of Expenditure  
for the Financial Year 2022-23**

Sl No	Sanctioned Heads	Total Funds Allocated (Sanctioned)	Expenditure Incurred			Total Expenditure till _____	Balance as on _____	Remarks (If any)
			1st Year	2nd Year	3rd Year			
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII=IV+V+VI)	(VIII=III-VII)	
1	Contingency	15,000.00	4,735.00			4,735.00	10,265.00	
2	Consumable	30,000.00	29,168.00			29,168.00	832.00	
						-	-	
						-	-	
						-	-	
						-	-	
8	Total	45,000.00	33,903.00	-	-	33,903.00	11,097.00	

*P. Desai*  
(Principal Investigator)  
**Reshma Pawt Dessar**  
Date : 3/4/2023

*[Signature]*  
Finance Officer  
Goa University  
Taleigao Plateau,  
Goa - 403 206

Date :

*[Signature]*  
Signature of the Head of the  
Institute  
Registrar  
Goa University  
Taleigao Plateau,  
Goa - 403 206