

FILE NO. SRG/2021/001830

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 01 February, 2022

ORDER

Subject: Financial Sanction of the research project titled **Elucidation of dual activity of siderophores in iron sequestration and salt tolerance** under the guidance of Dr. SIDDHI KASHINATH JALMI, Department of Botany, Goa University, Taleigao, North goa, Goa-403206 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3004840/- (Rs. Thirty Lakh Four Thousand Eight Hundred and Forty Only) with break-up of Rs. 858800/- under Capital (Non-recurring) head and Rs. 2146040/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 3004840/- has been approved are given below:

The following budget may be considered for Goa University, Taleigao

S. No	Head	Total (in Rs.)
A	Non-recurring	858800
1	Equipment -> Universal refrigerated centrifuge -> BOD incubator -> Horizontal laminar air flow	
A'	Total (Non-Recurring)	858800
B	Recurring Items	863040
1	Recurring - I : (Manpower)	1000000
	Recurring - II : (Consumables, Travel, Contingencies)	10000
	Recurring - III : Scientific Social Responsibility	273000
2	Recurring - IV : (Overhead Charges)	2146040
B'	Total (Recurring)	3004840
C	Total cost of the project (A' + B')	

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
- The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

2. The project File no. SRG/2021/001830 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

(Dr. Pramod Kumar Prasad)

Scientist-D

pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. SIDDHI KASHINATH JALMI Department of Botany Goa University, Taleigao, North Goa, Goa-403206 Email: siddhi@unigoa.ac.in Mobile: 919158867341 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	The Registrar, Goa University, Taleigao (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)

Scientist-D

pk.prasad@serb.gov.in

FILE NO. SRG/2021/001830-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Dated: 01 February, 2022

ORDER

Subject: Research project entitled **Elucidation of dual activity of siderophores in iron sequestration and salt tolerance** under the guidance of **Dr. SIDDHI KASHINATH JALMI**, Department of Botany, Goa University, Taleigao, North goa, Goa-403206.

1. In continuation of SERB's sanction order No. SRG/2021/001830 dated 01 February, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1078000/-** under 'Grants-in-aid General' to Goa University, Taleigao, North Goa, Goa-403206 being the grant for the financial year 2021-2022 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 01 February, 2022.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Start-up Research Grant (General).(EC Life Sciences)
5. The Sanction has been issued with the approval of the competent authority on 31 January, 2022 and vide Diary No. SERB/F/7910/2021-2022 dated 31 January, 2022..
6. The release amount of **Rs. 1078000/-** (Rupees Ten Lakh Seventy Eight Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	UNIGOA
Account Name	THE REGISTRAR, GOA UNIVERSITY
Account Number	10664493609
Bank Name & Branch	STATE BANK OF INDIA SBI, GOA UNIVERSITY COMPLEX, TALEIGAO PLATEAU, GOA-403206
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	fo@unigoa.ac.in
Email id of PI	siddhi@unigoa.ac.in

(Dr. Pramod Kumar Prasad)
 Scientist-D
 pk.prasad@serb.gov.in

To,
 Under Secretary
 SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. SIDDHI KASHINATH JALMI Department of Botany Goa University, Taleigao, North goa, Goa-403206 Email: siddhi@unigoa.ac.in Mobile: 919158867341 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	The Registrar, Goa University, Taleigao (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
 Scientist-D
 pk.prasad@serb.gov.in

4. The project File no. SRG/2021/001830 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

(Dr. Pramod Kumar Prasad)

Scientist-D

pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
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4.	Dr. SIDDHI KASHINATH JALMI Department of Botany Goa University, Taleigao, North Goa, Goa-403206 Email: siddhi@unigoa.ac.in Mobile: 919158867341 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	The Registrar, Goa University, Taleigao (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)

Scientist-D

pk.prasad@serb.gov.in

RDRM FORM A 1

INFORMATION OF SANCTIONED PROJECT
AND APPROVAL FOR IMPLEMENTATION

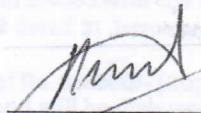
(REQUEST FOR VICE CHANCELLOR'S APPROVAL)

1. Project Title and sanction letter No. "Elucidation of Dual activity of Siderophores in Iron Sequestration and Salt tolerance."
Sanct. letter No.: SERB/F/7910/2021-2022
2. Funding agency: SERB - DST, Govt of India
3. Department: Dept of Botany, Goa University
4. Principal Investigator: Dr. Siddhant K. Jalmi
5. Co-investigator (if any): -
6. Duration of project: 2 years
7. Total amount of the project: Rs. Rs. 30,04,840/- (8,58,800/- NC, 21,46,040/- Recurring)
8. Sanctioned Sub Heads and amount: For Rs. 19,36,800/-
 - a) Equipment (Non-Recurring) : Rs. 8,58,800/-
 - b) Manpower (Recurring) : Rs. 3,59,600/-
 - c) Consumables (R.) : Rs. 6,64,400/-
 - d) Travel (R.) : Rs. 25,000/-
 - e) Contingency (R.) : Rs. 25,000/-
9. Overhead : Rs. 2,73,000/- (b) SSR : Rs 4,000/- (Recurring)
10. Number and Designations of research staff: 1 Project Assistant
11. Terms and conditions :
 - a) Dates for submission of Report End of Financial year.
 - b) Dates for submission of utilization certificate: End of each financial year.
12. Year wise break-up of the sanctioned amount : Year 1 :- Recurring: Rs 19,78,000/-
Non recurring: Rs. 8,58,800/-
Year 2: Recurring :- Rs 10,68,040/-

Jalmi

(FOR USE BY RDRM)

1. Project No. : GUID-RDRM/SERB/SKJ/Botany/37/2020-21.
2. Amount : Rs. 30,04,840/-
3. Duration : 2 years
4. Any financial burden on University : No.
5. Additional space essential : No.
6. Is the PI aware of safety regulations? No.
7. 15% Overhead expenditure included : Rs. 2,73,000/-
8. Approved for V.C.'s signature : Yes.


Director,
RDRM

Date : 23/03/22

(FOR USE BY VICE CHANCELLOR)

✓
Approved/Not Approved.


Vice Chancellor

Date : 28/03

Annexure-II

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE (1st April 2022-31st March 2023)

1. SERB Sanction Order No and date : SRG/2021/001830 (DATE: 01/02/2022)
2. Name of the PI : Dr. Siddhi Kashinath Jalmi
3. Total Project Cost : Rs. 30,04,840/-
4. Revised Project Cost (if applicable) :
5. Date of Commencement : 04/02/2022
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
1 st April 2022-31 st March 2023	Rs. 18,76,594/-

1. Grant received in each year:
- a. 1st Year : Rs. 19,44,870/-
- b. 2nd Year : NIL
- c. 3rd Year : NIL
- d. Interest, if any : Rs. 37,711/-
- e. Total (a + b + c + d) : Rs. 19,82,581/-

Statement of Expenditure

Sr No	Sanctioned Heads	Total Funds Allocated (sanctioned for 1 st year) (III)	Expenditure Incurred			Total Expenditure till 31 st March 2023 (VII = IV + V + VI)	Balance as on 31 st March 2023 (VIII = III - VII)	Requirement of Funds from April 2023 upto 31 st March 2024	Remarks (if any)
			1 st Year (04/02/2022 to 31 st March 2022) (IV)	2 nd Year (1 st April 2022 to 31 st March 2023) (V)	3 rd Year & so on (1 st April 2023 to 31 st March 2024) (VI)				
(I)	(II)								
1.	Manpower costs	Rs. 4,31,500/-		Rs. 3,23,640/-		Rs. 3,23,640/-	Rs. 1,07,860/-	Rs. 4,31,500/-	
2.	Consumables	Rs. 4,69,236/-		Rs. 5,19,511/-		Rs. 5,19,511/-	(-) 50,275/-	Rs. 5,00,000/-	
3.	Travel	Rs. 18,764/-		Rs. 17,754/-		Rs. 17,754/-	Rs. 1010/-		
4.	Contingencies	Rs. 12,000/-	NIL	Rs. 12,000/-	NIL	Rs. 12,000/-	NIL		
5.	Others, (SSR)	Rs. 10,000/-		Rs. 8389/-		Rs. 8389/-	Rs. 1611/-	NIL	
6.	Equipment	Rs. 8,58,800/-		Rs. 8,58,800/-		Rs. 8,58,800/-	NIL	NIL	
7.	Overhead expenses	Rs. 1,36,500/-		Rs. 1,36,500/-		Rs. 1,36,500/-	NIL	Rs. 1,36,500/-	
8.	Total	Rs. 19,36,800/-		Rs. 18,76,594/-		Rs. 18,76,594/-	Rs. 60,206/-	Rs. 10,68,000/-	

Name and Signature of Principal Investigator: Dr. Siddhi Kashinath Jalmi

Date: 11/11/2023

Signature of Competent financial authority: 
Date: Finance Officer
Goa University
Taleigao Plateau,
Goa - 403 206

* DOS - Date of Start of project

Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.

Annexure-II

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE (4th Feb 2022-31st March 2022)

1. SERB Sanction Order No and date : SRG/2021/001830 (DATE: 01/02/2022)
2. Name of the PI : Dr. Siddhi Kashinath Jalmi
3. Total Project Cost : Rs. 30,04,840/-
4. Revised Project Cost (if applicable) :
5. Date of Commencement : 04/02/2022
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
4 th February 2022-31 st March 2022	NIL

1. Grant received in each year:
- a. 1st Year : Rs. 19,36,800/-
- b. 2nd Year : NIL
- c. 3rd Year : NIL
- d. Interest, if any : Rs. 8,070/-
- e. Total (a + b + c + d) : Rs. 19,44,870/-

Statement of Expenditure

Sr No	Sanctioned Heads (II)	Total Funds Allocated for 1 st year (sanctioned for 1 st year) (III)	Expenditure Incurred			Total Expenditure till 31 st March 2022 (VII = IV + V + VI)	Balances on 31 st March 2022 (VIII = III - VII)	Requirement of Funds from April 2022 upto 31 st March 2023	Remarks (if any)
			1 st Year (04/02/2022 to 31 st March 2022) (IV)	2 nd Year (1 st April 2022 to 31 st March 2023) (V)	3 rd Year & so on (1 st April 2023 to 31 st March 2024) (VI)				
1.	Manpower costs	Rs. 4,31,500/-					Rs. 4,31,500/-	Rs. 4,31,500/-	
2.	Consumables	Rs. 4,69,236/-					Rs. 4,69,236/-	Rs. 4,69,236/-	
3.	Travel	Rs. 18,764/-					Rs. 18,764/-	Rs. 18,764/-	
4.	Contingencies	Rs. 12,000/-				NIL	Rs. 12,000/-	Rs. 12,000/-	
5.	Others, (SSR)	Rs. 10,000/-				NIL	Rs. 10,000/-	Rs. 10,000/-	
6.	Equipment	Rs. 8,58,800/-					Rs. 8,58,800/-	Rs. 8,58,800/-	
7.	Overhead expenses	Rs. 1,36,500/-					Rs. 1,36,500/-	Rs. 1,36,500/-	
8.	Total	Rs. 19,36,800/-					Rs. 19,36,800/-	Rs. 19,36,800/-	

Name and Signature of Principal Investigator: Dr. Siddhi Kashinath Jalmi

Date: 11/1/2023

[Signature]

Signature of Competent financial authority: (with seal)

Date: 11/1/2023

Finance Officer
Goa University
Tale goa Plateau,
GOA - 403 206

* DOS - Date of Start of project

Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.