

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: 24 June, 2022

ORDER

Subject: Financial Sanction of the research project titled **Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India** under the guidance of Dr. Anish Kumar Warriar, Civil Engineering, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 and by Dr. Priya M. D'Costa, Assistant Professor, School Of Earth, Ocean And Atmospheric Sciences, Goa University and by Dr. Kanu Shil, Assistant Professor, Faculty Of Paramedical Science, Assam Down Town University - 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. 3786120/-** (Rs. Thirty Seven Lakh Eighty Six Thousand One Hundred and Twenty Only) with break-up of **Rs. 1490000/- under Capital (Non-recurring) head** and **Rs.2296120/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3786120/-** has been approved are given below:

The following budget may be considered for **Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Manta Trawl Net with a flow meter -> Deep Freezer (minus 40 degrees) -> Niskin Water sampler -> Stereozoom microscope with camera	1490000
A'	Total (Non-Recurring)	1490000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	1257120 675000 20000
2	Recurring - IV : (Overhead Charges)	344000
B'	Total (Recurring)	2296120
C	Total cost of the project (A' + B')	3786120

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

3. 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.

4. 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.

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. 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.

7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

8. 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.

9. 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.

10. The research personnel 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

11. 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.

12. The project File no. CRG/2021/004725 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. Prahlad Ram)

Scientist D

prahlad@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.	<p>Dr. Anish Kumar Warriar Civil Engineering Manipal University , Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 Email: anish.warrier@manipal.edu Mobile: 919673772815</p> <p>Dr. Priya M. D'Costa School Of Earth, Ocean And Atmospheric Sciences Goa University</p> <p>Dr. Kanu Shil Faculty Of Paramedical Science Assam Down Town University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. Prahlad Ram)

Scientist D

prahlad@serb.gov.in

FILE NO. CRG/2021/004725-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
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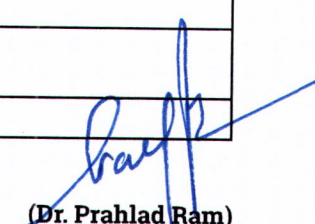
Dated: 24 June, 2022

ORDER

Subject: Research project entitled **Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India** under the guidance of Dr. Anish Kumar Warriar, Civil Engineering, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 and by Dr. Priya M. D'Costa, Assistant Professor, School Of Earth, Ocean And Atmospheric Sciences, Goa University and by Dr. Kanu Shil, Assistant Professor, Faculty Of Paramedical Science, Assam Down Town University.

1. In continuation of SERB's sanction order No. CRG/2021/004725 dated 24 June, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 760000/-** under 'Grants-in-aid General' to Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 being the grant for the financial year 2022-2023 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 24 June, 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 debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Earth & Atmospheric Sciences**) (General).
5. The Sanction has been issued with the approval of the competent authority on **22 June, 2022** and vide Diary No. **SERB/F/2007/2022-2023** dated **23 June, 2022..**
6. The release amount of **Rs. 760000/-** (Rupees Seven Lakh Sixty 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	MAHE
Account Name	MANIPAL ACADEMY OF HIGHER EDUCATION (SERB)
Account Number	38713985678
Bank Name & Branch	State Bank of India State Bank of India Madhuvan Serai Ground Floor Near Smrithi Bhavan Tiger Circle Manipal 576104 Karnataka
IFSC/RTGS Code	SBIN0004426
Email id of A/C Holder	uss.research@manipal.edu
Email id of PI	anish.warrier@manipal.edu


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

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3.	File Copy

4.	<p>Dr. Anish Kumar Warriar Civil Engineering Manipal University , Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 Email: anish.warrier@manipal.edu Mobile: 919673772815</p> <p>Dr. Priya M. D'Costa School Of Earth, Ocean And Atmospheric Sciences Goa University</p> <p>Dr. Kanu Shil Faculty Of Paramedical Science Assam Down Town University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

Prahlad Ram
 (Dr. Prahlad Ram)
 Scientist D
 prahlad@serb.gov.in

FILE NO. CRG/2021/004725-C

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

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

Science and Engineering Research Board
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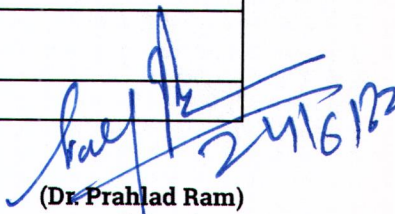
Dated: 24 June, 2022

ORDER

Subject: Research project entitled **Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India** under the guidance of Dr. Anish Kumar Warriar, Civil Engineering, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 and by Dr. Priya M. D'Costa, Assistant Professor, School Of Earth, Ocean And Atmospheric Sciences, Goa University and by Dr. Kanu Shil, Assistant Professor, Faculty Of Paramedical Science, Assam Down Town University.

1. In continuation of SERB's sanction order No. CRG/2021/004725 dated 24 June, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1490000/-** under 'Grants-in-aid Capital' to Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 being the grant for the financial year 2022-2023 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 24 June, 2022.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Earth & Atmospheric Sciences**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **22 June, 2022** and vide Diary No. **SERB/F/2006/2022-2023** dated **23 June, 2022**.
6. The release amount of **Rs. 1490000/-** (Rupees Fourteen Lakh Ninety 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	MAHE
Account Name	MANIPAL ACADEMY OF HIGHER EDUCATION (SERB)
Account Number	38713985678
Bank Name & Branch	State Bank of India State Bank of India Madhuvan Serai Ground Floor Near Smrithi Bhavan Tiger Circle Manipal 576104 Karnataka
IFSC/RTGS Code	SBIN0004426
Email id of A/C Holder	uss.research@manipal.edu
Email id of PI	anish.warrier@manipal.edu

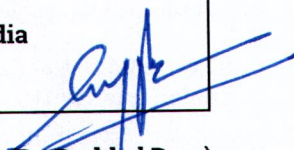

(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

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4.	<p>Dr. Anish Kumar Warriar Civil Engineering Manipal University , Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 Email: anish.warrier@manipal.edu Mobile: 919673772815</p> <p>Dr. Priya M. D'Costa School Of Earth, Ocean And Atmospheric Sciences Goa University</p> <p>Dr. Kanu Shil Faculty Of Paramedical Science Assam Down Town University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Manipal University, Madhav Nagar, Manipal, Udupi District, Karnataka, India</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Prahlad Ram)
 Scientist D
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Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 24 June, 2022

ORDER

Subject: Financial Sanction of the research project titled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Priya M. D'Costa, School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao and by Dr. Priya M. D'Costa, Assistant Professor, School Of Earth, Ocean And Atmospheric Sciences, Goa University and by Dr. Kanu Shil, Assistant Professor, Faculty Of Paramedical Science, Assam Down Town University - 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. 630000/- (Rs. Six Lakh Thirty Thousand Only)** with break-up of **Rs. 0/- under Capital (Non-recurring) head** and **Rs. 630000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 630000/-** 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	
1	Equipment	0
A'	Total (Non-Recurring)	0
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Other Cost) Recurring - III : Scientific Social Responsibility	0 575000 0
2	Recurring - IV : (Overhead Charges)	55000
B'	Total (Recurring)	630000
C	Total cost of the project (A' + B')	630000

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 250000/-** (Rupees Two Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, Goa University, Taleigao** being the first installment of the grant for the year 2022-2023 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Goa University, Taleigao with the approval of the competent authority under delegated powers on **22 June, 2022** and vide Diary No. **SERB/F/2008/2022-2023** dated **23 June, 2022**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. 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.

7. 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.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 250000/-** (Rupees Two Lakh Fifty 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	Goa University
Account Number	10664493609
Bank Name & Branch	State Bank of India State Bank of India University Branch Goa University Complex Taleigao Plateau 403 206 Goa
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	registrar@unigoa.ac.in
Email id of PI	anish.warrier@manipal.edu

12. 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.

13. 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.

14. The project File no. CRG/2021/004725 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

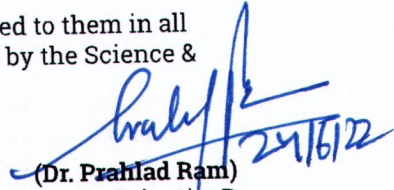
15. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. 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.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

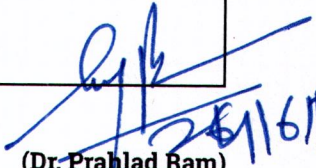
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

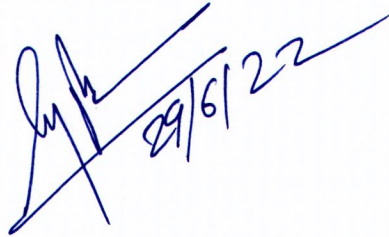
1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	<p>Dr. Priya M. D'Costa School of Earth, Ocean and Atmospheric Sciences Goa University , Taleigao Email: priyadcosta@unigoa.ac.in Mobile: 919423316364</p> <p>Dr. Priya M. D'Costa School Of Earth, Ocean And Atmospheric Sciences Goa University</p> <p>Dr. Kanu Shil Faculty Of Paramedical Science Assam Down Town University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Goa University, Taleigao</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Prahlad Ram)
 Scientist D
prahlad@serb.gov.in

The updated RTGS details of the Assam Downtown University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati is as below:

PFMS Unique Code	DOWNTOWN
Account Name	Assam Downtown University
Account Number	0136104000142106
Bank Name & Branch	IDBI Bank IDBI Bank GS Road Guwahati Assam-781005
IFSC/RTGS Code	IBKL0000136
Email id of A/C Holder	joutishman@downtowngroup.in

A handwritten signature in blue ink, followed by the date 29/6/22, also in blue ink.

FILE NO. CRG/2021/004725
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
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Dated: 24 June, 2022

ORDER

Subject: Financial Sanction of the research project titled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Kanu Shil, Faculty of Paramedical Science, Assam Down Town University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati and by Dr. Priya M. D'Costa, Assistant Professor, School Of Earth, Ocean And Atmospheric Sciences, Goa University and by Dr. Kanu Shil, Assistant Professor, Faculty Of Paramedical Science, Assam Down Town University - 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. 258500/-** (Rs. Two Lakh Fifty Eight Thousand Five Hundred **Only**) with break-up of **Rs. 0/- under Capital (Non-recurring) head** and **Rs. 258500/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 258500/-** has been approved are given below:

The following budget may be considered for **Assam Down Town University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	0
A'	Total (Non-Recurring)	0
B	Recurring Items	
1	Recurring - I : (Research Personnel)	0
	Recurring - II : (Consumables, Travel, Contingencies)	235000
	Recurring - III : Scientific Social Responsibility	0
2	Recurring - IV : (Overhead Charges)	23500
B'	Total (Recurring)	258500
C	Total cost of the project (A' + B')	258500

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 100000/-** (Rupees One Lakh only) under 'Grants-in-aid General' to **Chairman, Assam Down Town University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati** being the first installment of the grant for the year 2022-2023 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Assam Down Town University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati with the approval of the competent authority under delegated powers on **22 June, 2022** and vide Diary No. **SERB/F/2009/2022-2023** dated **23 June, 2022**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. 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.

7. 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.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.



9. 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.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 100000/-** (Rupees One Lakh 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	DOWNTOWN
Account Name	Assam Downtown University
Account Number	013604000142106
Bank Name & Branch	IDBI Bank IDBI Bank GS Road Guwahati Assam-781005
IFSC/RTGS Code	IBKL0000136
Email id of A/C Holder	joutishman@downtowngroup.in
Email id of PI	anish.warrier@manipal.edu

12. 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.

13. 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.

14. The project File no. CRG/2021/004725 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

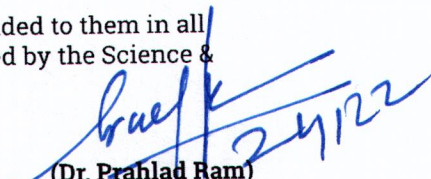
15. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. 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.

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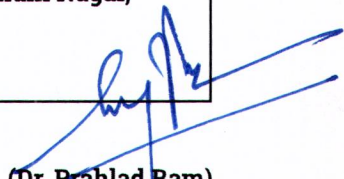

(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

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2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	<p>Dr. kanu shil Faculty of paramedical Science Assam Down Town University , Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati Email: mailto.kanushil@gmail.com Mobile: 918787397846</p> <p>Dr. Priya M. D'Costa School Of Earth, Ocean And Atmospheric Sciences Goa University</p> <p>Dr. Kanu Shil Faculty Of Paramedical Science Assam Down Town University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Chairman, Assam Down Town University, Chandrapur Road, Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

FILE NO. CRG/2021/004725
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: 23-Nov-2023

ORDER

Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Anish Kumar Warriar, Civil Engineering, Manipal academy of higher education, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104.

1. This is in continuation of SERB's sanction order No. "CRG/2021/004725" dated "24 June, 2022 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 550000/-** (Rupees Five Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, Manipal academy of higher education, Tiger Circle Road, Madhav Nagar, Manipal** being the 2nd grant for the financial year 2023-2024 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 1134201/-** (Rupees Eleven Lakh Thirty Four Thousand Two Hundred and One only) (Recurring Rs. 326627 and Non-Recurring Rs. 807574) to Manipal academy of higher education, Tiger Circle Road, Madhav Nagar, Manipal from FY 2022-2023 to FY 2023-2024 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)
7. The Sanction has been issued to Manipal University, Tiger Circle Road, Madhav Nagar, Manipal with the approval of the competent authority under delegated powers on **16 November, 2023** and vide Diary No. **SERB/F/8888/2023-2024** dated **21 November, 2023**
8. The release amount of **Rs. 550000/-** (Rupees Five Lakh Fifty Thousand only) (Recurring Rs. 550000 and Non-Recurring Rs. 0) 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	MAHE
Account Name	MANIPAL ACADEMY OF HIGHER EDUCATION (SERB)
Account Number	38713985678
Bank Name & Branch	State Bank of India State Bank of India Madhuvan Serai Ground Floor Near Smrithi Bhavan Tiger Circle Manipal 576104 Karnataka
IFSC/RTGS Code	SBIN0004426
Email id of A/C Holder	uss.research@manipal.edu
Email id of PI	anish.warrier@manipal.edu
9. 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.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. 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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. Prahlad Ram)

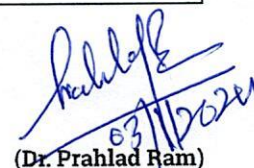
Scientist D

prahlad@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. Anish Kumar Warriar Civil Engineering Manipal academy of higher education, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 Email: anish.warrier@manipal.edu Mobile: 919673772815
5.	Registrar, Manipal academy of higher education Tiger Circle Road, Madhav Nagar, Manipal



(Dr. Prahlad Ram)

Scientist D

prahlad@serb.gov.in

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

Dated: 23-Nov-2023

ORDER

Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Priya M. D'Costa, School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao Plateau.


1. This is in continuation of SERB's sanction order No. "CRG/2021/004725" dated "24 June, 2022 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 150000/-** (Rupees One Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, Goa University, Taleigao Plateau** being the 2nd grant for the financial year 2023-2024 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 6892/-** (Rupees Six Thousand Eight Hundred and Ninety Two only) (Recurring Rs. 6892 and Non-Recurring Rs. 0) to Goa University, Taleigao Plateau from FY 2022-2023 to FY 2023-2024 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)
7. The Sanction has been issued to Goa University, Taleigao Plateau with the approval of the competent authority under delegated powers on **16 November, 2023** and vide Diary No. **SERB/F/8889/2023-2024** dated **21 November, 2023**
8. The release amount of **Rs. 150000/-** (Rupees One Lakh Fifty Thousand only) (Recurring Rs. 150000 and Non-Recurring Rs. 0) 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	Goa University
Account Number	10664493609
Bank Name & Branch	State Bank of India State Bank of India University Branch Goa University Complex Taleigao Plateau 403 206 Goa
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	registrar@unigoa.ac.in
Email id of PI	anish.warrier@manipal.edu
9. 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.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


14. 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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Prahlad Ram)
Scientist D
prahlad@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. Priya M. D'Costa School of Earth, Ocean and Atmospheric Sciences Goa University, Taleigao Plateau Email: priyadcosta@unigoa.ac.in Mobile: 919423316364
5.	Registrar, Goa University, Taleigao Plateau


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

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

Dated: 23-Nov-2023

ORDER

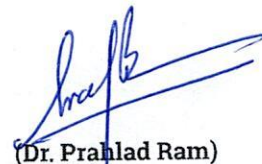
Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Kanu Shil, Faculty of paramedical Science, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti.

1. This is in continuation of SERB's sanction order No. "CRG/2021/004725" dated "24 June, 2022" of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 50000/-** (Rupees Fifty Thousand only) under 'Grants-in-aid General' to **Chairman, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti** being the 2nd grant for the financial year 2023-2024 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 102920/-** (Rupees One Lakh Two Thousand Nine Hundred and Twenty only) (Recurring Rs. 102920 and Non-Recurring Rs. 0) to Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti from FY 2022-2023 to FY 2023-2024 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)
7. The Sanction has been issued to Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti with the approval of the competent authority under delegated powers on **16 November, 2023** and vide Diary No. **SERB/F/8890/2023-2024** dated **21 November, 2023**
8. The release amount of **Rs. 50000/-** (Rupees Fifty Thousand only) (Recurring Rs. 50000 and Non-Recurring Rs. 0) 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	DOWNTOWN
Account Name	Assam DOWNTOWN University
Account Number	0136104000142106
Bank Name & Branch	IDBI Bank IDBI Bank GS Road Guwahati Assam-781005
IFSC/RTGS Code	IBKL0000136
Email id of A/C Holder	joutishman@downtowngroup.in
Email id of PI	anish.warrier@manipal.edu
9. 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.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. 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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

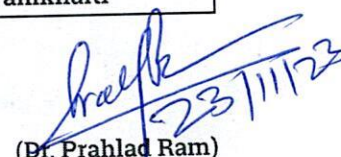


(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

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. kanu shil Faculty of paramedical Science Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti Email: mailto.kanushil@gmail.com Mobile: 918787397846
5.	Chairman, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti



(Dr. Prahlad Ram)
Scientist D
prahlad@serb.gov.in

Anusandhan National Research Foundation (ANRF)
(A statutory body created by an Act of Parliament - ANRF Act, 2023)
Science & Engineering Research Board (SERB) Core Research Grant Scheme

ANRF
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 02-Sep-2024

ORDER

Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Anish Kumar Warriar, Civil Engineering, Manipal Academy of Higher Education, Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104.

1. This is in continuation of ANRF's sanction order No. "CRG/2021/004725" dated "24 June, 2022 " of **Anusandhan National Research Foundation (ANRF)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants-in-aid General' to **Registrar, Manipal Academy Of Higher Education, Tiger Circle Road, Madhav Nagar, Manipal** being the 3rd grant for the financial year 2024-2025 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 322370/-** (Rupees Three Lakh Twenty Two Thousand Three Hundred and Seventy only) (Recurring Rs. 138118 and Non-Recurring Rs. 184252) to Manipal Academy of Higher Education, Tiger Circle Road, Madhav Nagar, Manipal from FY 2023-2024 to FY 2024-2025 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Science & Engineering Research Fund**. This release is being made under **Core Research Grant. (PAC Earth & Atmospheric Sciences)**
7. The Sanction has been issued to Manipal Academy Of Higher Education, Tiger Circle Road, Madhav Nagar, Manipal with the approval of the competent authority under delegated powers on **23 August, 2024** and vide Diary No. **ANRF/F/6756/2024-2025** dated **30 August, 2024**
8. The release amount of **Rs. 700000/-** (Rupees Seven Lakh only) (Recurring Rs. 700000 and Non-Recurring Rs. 0) will be drawn by the DDO of the ANRF and will be disbursed by means of RTGS transaction as per their Bank details given below:

Agency Name	Manipal University
PFMS Unique Code	MAHE
Account Name	MANIPAL ACADEMY OF HIGHER EDUCATION (SERB)
Account Number	38713985678
Bank Name & Branch	State Bank of India State Bank of India Madhuvan Serai Ground Floor Near Smrithi Bhavan Tiger Circle Manipal 576104 Karnataka
IFSC/RTGS Code	SBIN0004426
Email id of A/C Holder	uss.research@manipal.edu
Email id of PI	anish.warrier@manipal.edu

9. 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 ANRF. The budget head-wise interest thus earned will have to be returned to the ANRF by way of a Demand Draft/account-payee cheque drawn in favour of the "Science & Engineering Research Fund", payable at New Delhi and sent to the DDO, ANRF along with a copy of UC/SE.

10. As per rule 211 of GFR, the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

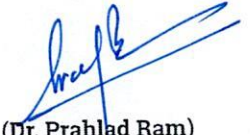


11. The institute will furnish to the ANRF, Utilization certificate (separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance, if any, must be returned as Demand Draft drawn in favour of "Science and Engineering Research Fund" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the ANRF, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


14. 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 the ANRF, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

To,
DDO
ANRF, New Delhi

Copy forwarded for information and necessary action to: -

1.	Office of Director General of Audit (Environment & Scientific Department), AGCR Building, I. P. Estate, New Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	Dr. Anish Kumar Warriar Civil Engineering Manipal Academy of Higher Education , Madhav Nagar, Manipal, Udupi District, Karnataka, India, KARNATAKA-576104 Email: anish.warrier@manipal.edu Mobile: 918217613284
5.	Registrar, Manipal Academy Of Higher Education, Tiger Circle Road, Madhav Nagar, Manipal


(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

Anusandhan National Research Foundation (ANRF)
(A statutory body created by an Act of Parliament - ANRF Act, 2023)
Science & Engineering Research Board (SERB) Core Research Grant Scheme

ANRF
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 02-Sep-2024

ORDER

Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. Priya M. D'Costa, School of Earth, Ocean and Atmospheric Sciences, Goa University, Taleigao Plateau.


1. This is in continuation of ANRF's sanction order No. "CRG/2021/004725" dated "24 June, 2022 " of **Anusandhan National Research Foundation (ANRF)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 150000/-** (Rupees One Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Registrar, Goa University, Taleigao Plateau** being the 3rd grant for the financial year 2024-2025 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 7538/-** (Rupees Seven Thousand Five Hundred and Thirty Eight only) (Recurring Rs. 7538 and Non-Recurring Rs. 0) to Goa University, Taleigao Plateau from FY 2023-2024 to FY 2024-2025 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Science & Engineering Research Fund**. This release is being made under **Core Research Grant. (PAC Earth & Atmospheric Sciences)**
7. The Sanction has been issued to Goa University, Taleigao Plateau with the approval of the competent authority under delegated powers on **23 August, 2024** and vide Diary No. **ANRF/F/6757/2024-2025** dated **30 August, 2024**
8. The release amount of **Rs. 150000/-** (Rupees One Lakh Fifty Thousand only) (Recurring Rs. 150000 and Non-Recurring Rs. 0) will be drawn by the DDO of the ANRF and will be disbursed by means of RTGS transaction as per their Bank details given below:

Agency Name	Goa University
PFMS Unique Code	UNIGOA
Account Name	Goa University
Account Number	10664493609
Bank Name & Branch	State Bank of India State Bank of India University Branch Goa University Complex Taleigao Plateau 403 206 Goa
IFSC/RTGS Code	SBIN0004311
Email id of A/C Holder	registrar@unigoa.ac.in
Email id of PI	anish.warrier@manipal.edu
9. 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 ANRF. The budget head-wise interest thus earned will have to be returned to the ANRF by way of a Demand Draft/account-payee cheque drawn in favour of the "Science & Engineering Research Fund", payable at New Delhi and sent to the DDO, ANRF along with a copy of UC/SE.
10. As per rule 211 of GFR, the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.
11. The institute will furnish to the ANRF, Utilization certificate (separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance, if any, must be returned as Demand Draft drawn in favour of "Science and Engineering Research Fund" payable at New Delhi.



13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the ANRF, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

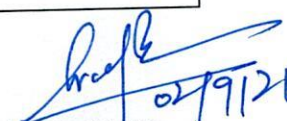
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the ANRF, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

To,
DDO
ANRF, New Delhi

Copy forwarded for information and necessary action to: -

1.	Office of Director General of Audit (Environment & Scientific Department), AGCR Building, I. P. Estate, New Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	Dr. Priya M. D'Costa School of Earth, Ocean and Atmospheric Sciences Goa University , Taleigao Plateau Email: priyadcosta@unigoa.ac.in Mobile: 919423316364
5.	Registrar, Goa University, Taleigao Plateau


(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

Anusandhan National Research Foundation (ANRF)
(A statutory body created by an Act of Parliament - ANRF Act, 2023)
Science & Engineering Research Board (SERB) **Core Research Grant Scheme**

ANRF
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 02-Sep-2024

ORDER

Subject: Research project entitled "**Understanding the Fluxes of Microplastics in the Coastal Ecosystems of major Rivers of India**" under the guidance of Dr. kanu shil, Faculty of paramedical Science, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti.


1. This is in continuation of ANRF's sanction order No. "CRG/2021/004725" dated "24 June, 2022 " of **Anusandhan National Research Foundation (ANRF)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 50000/-** (Rupees Fifty Thousand only) under 'Grants-in-aid General' to **Chairman, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti** being the 3rd grant for the financial year 2024-2025 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 101978/-** (Rupees One Lakh One Thousand Nine Hundred and Seventy Eight only) (Recurring Rs. 101978 and Non-Recurring Rs. 0) to Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti from FY 2023-2024 to FY 2024-2025 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debit to **Science & Engineering Research Fund**. This release is being made under **Core Research Grant. (PAC Earth & Atmospheric Sciences)**
7. The Sanction has been issued to Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti with the approval of the competent authority under delegated powers on **23 August, 2024** and vide Diary No. **ANRF/F/6758/2024-2025 dated 30 August, 2024**
8. The release amount of **Rs. 50000/-** (Rupees Fifty Thousand only) (Recurring Rs. 50000 and Non-Recurring Rs. 0) will be drawn by the DDO of the ANRF and will be disbursed by means of RTGS transaction as per their Bank details given below:

Agency Name	Assam Down Town University
PFMS Unique Code	DOWNTOWN
Account Name	Assam Downtown University
Account Number	0136104000142106
Bank Name & Branch	IDBI Bank IDBI Bank GS Road Guwahati Assam-781005
IFSC/RTGS Code	IBKL0000136
Email id of A/C Holder	joutishman@downtowngroup.in
Email id of PI	anish.warrier@manipal.edu
9. 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 ANRF. The budget head-wise interest thus earned will have to be returned to the ANRF by way of a Demand Draft/account-payee cheque drawn in favour of the "Science & Engineering Research Fund", payable at New Delhi and sent to the DDO, ANRF along with a copy of UC/SE.
10. As per rule 211 of GFR, the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.
11. The institute will furnish to the ANRF, Utilization certificate (separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance, if any, must be returned as Demand Draft drawn in favour of "Science and Engineering Research Fund" payable at New Delhi.



13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the ANRF, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. 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 the ANRF, a statutory body of Department of Science & Technology (DST), Government of India.

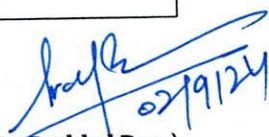

(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

To,
DDO

ANRF, New Delhi

Copy forwarded for information and necessary action to: -

1.	Office of Director General of Audit (Environment & Scientific Department), AGCR Building, I. P. Estate, New Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	Dr. kanu shil Faculty of paramedical Science Assam Down Town University , Sankar Madhab Path, Gandhi Nagar, Panikhaiti Email: mailto.kanushil@gmail.com Mobile: 918787397846
5.	Chairman, Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhaiti


(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

Annexure-IIGOA UNIVERSITYREQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

1. **SERB Sanction Order No and date:** File No. CRG/2021/004725 dated 24.06.2022
2. **Name of the Co-PI:** Dr. Priya M. D'Costa
3. **Total Project Cost:** Rs.6,30,000/-
4. **Revised Project Cost (if applicable):** NA
5. **Date of Commencement:** 05.07.2022
6. **Statement of Expenditure:**

(Month wise expenditure incurred during current financial year)

<u>Month and Year</u>	<u>Expenditure incurred (Rs.)</u>
Apr-23	--
May-23	--
Jun-23	--
Jul-23	--
Aug-23	--
Sept-23	--
Oct-23	--
Nov-23	--
Dec-23	--
Jan-24	35,000/-
Feb-24	--
Mar-24	<u>1,14,974/-</u>
Total	<u>1,49,974/-</u>

7. **Grant received in each year:**
 - a. **1st Year:** Rs.2,50,000/-
 - b. **2nd Year:** Rs.1,50,000/-
 - c. **3rd Year:** NA
 - d. **Interest, if any:** Rs.4,792/-
 - e. **Total (a+b+c+d):** Rs.4,04,792/-

GOA UNIVERSITY
Statement of Expenditure
for the period from 05.07.2022 to 31.03.2024

Sr. No.	Sanctioned Heads	Total funds allocated (indicate sanctioned or revised)	Expenditure incurred				Total Expenditure	Balance of funds upto 31.03.2024	Requirement of funds upto 31.03.2025	Remarks
			1st Year (05.07.2022-31.03.2023)	2nd Year (01.04.2023-31.03.2024)	3rd Year (1 st April to 31 st March)	4 th Year (1 st April to project completion)				
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)	(VIII = IV+V+VI+VII)	(IX = III-VIII)	(X)	(XI)
1	Manpower costs	NIL	--	--	--	--	--	--	--	--
2	Consumables	Rs.5,00,000/-	Rs.2,12,280/-	Rs.90,974/-	--	--	Rs. 3,03,254/-	Rs.1,96,746/-	Rs.1,96,746/-	--
3	Travel	NIL	NA	NA	--	--	--	--	--	--
4	Contingencies	NIL	NA	NA	--	--	--	--	--	--
5	Other costs	Rs.75,000/-	Rs.15,000/-	Rs.44,000/-	--	--	Rs.59,000/-	Rs.16,000/-	Rs.16,000/-	--
6	Equipment	NIL	NA	NA	--	--	--	--	--	--
7	Overhead expenses	Rs.55,000/-	Rs.20,000/-	Rs.15,000/-	--	--	Rs.35,000/-	Rs.20,000/-	Rs.20,000/-	--
8	Total	Rs.6,30,000/-	Rs.2,47,280/-	Rs.1,49,974/-	--	--	Rs.3,97,254/-	Rs.2,32,746/-	Rs.2,32,746/-	--

Costa
DR. PRIYA M. D'COSTA
 Name and Signature of Principal Investigator:

Date: 15/07/24

Signature of Competent financial authority:
 (with seal)

Finance Officer
 Goa University
 Taleigao Plateau,
 Goa - 403 206

Date:

GOA UNIVERSITY
GFR 12 – A
[(See Rule 238 (1))]
UTILISATION CERTIFICATE (UC) FOR THE FINANCIAL YEAR 2023-24
in respect of RECURRING as on 31.03.2024
Audited UC

1. Name of the grant-receiving Organization: Goa University
2. Name of the Co-PI: Dr. Priya M. D'Costa
3. SERB Sanction order no. & date: File No. CRG/2021/004725 dated 24.06.2022
4. Title of the Project: Understanding the fluxes of microplastics in the coastal ecosystems of major rivers of India.
5. Name of the SERB Scheme: Core Research Grant (CRG)
6. Whether recurring or non-recurring grants: **RECURRING**
7. Grants position at the beginning of the Financial year
 - (i) Carry forward from previous financial year: Rs.6,892/-
 - (ii) Others, if any: Nil
 - (iii) **Total: Rs.6,892/-**

8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available Funds (1+2+3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
Rs.6,892/-	Rs.620/-	Nil	File No. CRG/2021/004725	23.11.2023	Rs.1,50,000/-	Rs.1,57,512/-	Rs.1,49,974/-	Rs.7,538/-

Component wise utilization of grants:

Grants-in-aid-General	Grants-in-aid-creation for capital assets	Total
Rs.1,49,974/-	Nil	Rs.1,49,974/-

Details of grants position at the end of the year

- (i) Balance available at end of financial year: Rs.7,538/-
- (ii) Unspent balance refunded to SERB (if any): Nil
- (iii) Balance (Carried forward to next financial year) if applicable: Rs.7,538/-



GOA UNIVERSITY
GFR 12 - A
[(See Rule 238 (1))]
UTILISATION CERTIFICATE (UC) FOR THE FINANCIAL YEAR 2023-24
in respect of RECURRING as on 31.03.2024
Audited UC

Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including asset registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation, etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Rules/Acts/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and the terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under CRG (Core Research Grant) has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure - I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications).
- (ix) Details of various schemes executed by the agency through grant-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure - II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 15/07/24

Place: TALEIGAO

Costa
 Signature of Co-PI
 DR. PRIYA M.
 D' COSTA

Signature with Seal:
 Name:
 Chief Financial Officer
 (Head of Finance)
 Finance Officer
 Goa University
 Taleigao Plateau,
 Goa

As per books of Accounts 2023-24



VDIN-2415083BKEYN01825

Maduar
 Signature with Seal:
 Name:

Head of Organization
REGISTRAR
 Goa University
 Taleigao Plateau-Goa.

