

Participation in Government Research

Manipal University Jaipur frequently engages in close collaboration with governmental bodies to monitor the effectiveness of enacted policies, evaluating their societal and environmental impacts. By employing thorough data collection, analysis, and evaluation methods, the university plays a significant role in providing evidence-based assessments that empower policymakers to make informed modifications and enhance strategies. Manipal University Jaipur serves as a catalyst for adaptive management, with its ongoing research, feedback systems, and analytical capabilities facilitating the adjustment and refinement of policies in response to evolving conditions. This flexibility is essential for maintaining the effectiveness and relevance of policies over time. The collaboration between Manipal University Jaipur and governmental entities is fundamental to the achievement of the Sustainable Development Goals (SDGs). These partnerships create a collaborative environment where a wide range of stakeholders can combine resources, knowledge, and expertise. Through such alliances, the collective intellect of academia, government, and civil society can be leveraged to tackle the complex challenges associated with sustainable development. Manipal University Jaipur's involvement in the development of SDG policies marks a significant transformation in the role of higher education institutions, evolving into dynamic entities that not only disseminate knowledge but also actively participate in shaping the future through policy creation, execution, and assessment. These contributions underscore the essential role of academia in promoting sustainable development and fostering a better world for future generations. Manipal University Jaipur is endowed with extensive resources, knowledge, and intellectual prowess, establishing it as a vital participant in the development of policies aimed at achieving the Sustainable Development Goals (SDGs). Its engagement spans several critical stages, beginning with the recognition of existing problems and challenges. Through rigorous research efforts and academic proficiency, Manipal University Jaipur significantly contributes to pinpointing essential issues and obstacles that hinder advancement in sustainable development.

Your Research Fund Grant Payment

funding <shared> <funding@rsc.org>

Thu 24-08-2023 14:10

To: Dr. Monika Sogani [MU - Jaipur] <monika.sogani@jaipur.manipal.edu>

Dear Dr. Monika Sogani

Thank you for providing the bank details as requested. We have now arranged for the funds to be transferred to the account.

Please note that for International payments the bank statement will show as coming from Cambridge Mercantile / Corpay or Cambridge Global payments. We are currently experiencing delays of up to 28 days for payments going to India. This is due to India's banking regulations for Forex (Foreign Exchange) payments. If you have not received the funds after 28 days, please let us know. You may be contacted by our finance team should further information be required to process your payment. If so you will be contacted by one of the following email addresses:

Finance@rsc.org

cashiers@rsc.org

Please be sure to respond to this promptly to avoid delays to the payment of your grant. It is normal that some of the information requested may seem unusual. However, if you are unsure and would prefer to confirm the validity of any of these messages with us before you respond, please feel free to forward them to us.

Furthermore, due to the delays incurred so far, we are revising the start and end dates of your project to the following with all other terms in the original grant agreement remaining the same:

- Grant no: R21-1877916181
- Project name: Harnessing the potential of Polyhydroxyalkanoates (PHA) from *Rhodopseudomonas palustris* as sustainable resource for production of bioplastics
- Commencement date: 1 September 2023
- New grant end date: 1 September 2024

Kind Regards

Angela

Angela Sells

Team Administrator, Science Awards & Grants

Royal Society of Chemistry

Thomas Graham House,

Science Park, Milton Road

Cambridge, CB4 0WF, UK

Tel: +44 (0) 1223 432143

www.rsc.org

till **May 15, 2022** or earlier as the case may be. A formal signed and scanned statement from the Finance Head of the University Administration (Manipal University Jaipur Administration) regarding confirmation as above is also attached for your reference.

I hope that this this fund transfer deferment request would be acceptable to RSC, UK.

Many thanks and best regards,

Dr. Monika Sogani
Associate Professor (Senior Scale)
Department of Biosciences
Manipal University Jaipur
Phone: 0141-3999100 Ext.-543
<http://www.jaipur.manipal.edu/>

From: funding <shared> <funding@rsc.org>
Sent: Tuesday, March 15, 2022 8:26 PM
To: Dr. Monika Sogani [MU - Jaipur] <monika.sogani@jaipur.manipal.edu>
Subject: Your Research Fund application

Dear Monika Sogani,

Thank you for your recent application for a RSC Research Fund grant (R21-1877916181). Following assessment by our reviewers, I am pleased to inform you that your application has been successful and you have been awarded £4000 for your project "Harnessing the potential of Polyhydroxyalkanoates (PHA) from Rhodopseudomonas palustris as sustainable resource for production of bioplastics".

We will be happy to pay your grant directly to your institution's bank account by BACs. **Please confirm your acceptance of this grant and provide us with the payment details using the online form by 31st March 2022:**

<https://www.smartsurvey.co.uk/s/Payment-information>

The funds provided should only be spent on those items listed in your application and should not be used to support coursework or other persons within your institution.

Please note that a condition of the Research Fund is that you send a report on the work undertaken and results obtained. We will be in touch with you about this around April 2023.

We would also be very grateful if you could complete the following diversity monitoring form:

<https://www.smartsurvey.co.uk/s/SANCEJ/>

You may have already filled out this anonymous form after your grant application. However, by completing this again, you will help us to monitor the diversity of our grant recipients as well as applicants. All responses are strictly confidential and all questions are optional.

When acknowledging your Research Fund grant in any publication, please use your application ID (R21-1877916181).

Congratulations on your successful application!

Kind regards,

Yuandi Li

Mr Yuandi Li MChem MRSC
Programme Manager, Grants
Royal Society of Chemistry

FIRST FOREIGN GRANT RECEIVED FROM RSC,UK

Sakshi Vyas [MU - Jaipur] <sakshi.vyas@jaipur.manipal.edu>

Mon 25-09-2023 12:33

To: Dr. Monika Sogani [MU - Jaipur] <monika.sogani@jaipur.manipal.edu>

Account Number : 00000040098705612
 Description : FCRA CURRENT ACCOUNT-INR
 Name : MANIPAL UNIVERSITY JAIPUR
 Currency : INR
 Corporate Address : Dehmikalan Village Off Jaipur Ajmer Expressway Sanganer

Jaipur

08-303007

Branch : NEW DELHI MAIN BRANCH(00691)

Rate of Interest (% p.a.)

: 0.00%

IFS Code : SBIN0000691

Book Balance : 405406.1

Available Balance : 405406.1

Hold Value : 0

MOD Balance : 0

Uncleared Amount : 0

Balance on 1 Sep

2023 : 0

Start Date : #####

End Date : #####

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
#####	#####	Forex Txn- SOCIET-	GBP 4000 @ 102.08 23TP0056001ROYAL /	691		408320	<u>408320</u>



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/TMD-EWO/WTI/2K19/EWFH/2019/102 (G)/2
Terms & Conditions

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
 - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
 - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial

Rules 2017.

10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

11. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.

14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.

15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.

16. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.





भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग

DST/TMD-EWO/WTI/2K19/EWFH/2019/102 (G)/2

निबंधन और शर्तें

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफ़आर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्वधीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफ़एमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफ़एमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्वधीन है-
 - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
 - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफ़आर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफ़आर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफ़आर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए, अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में

(गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात् www.bharatkosh.gov.in के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/ उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।

8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।

9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।

10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।

11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।

12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।

13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु / उपस्कर) का अनिवार्यतया आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।

14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/TMD/EWO/WTI/DM/2021/20 (G)
(Technology Mission Division)

Technology Bhawan, New Delhi
Dated: 23/02/2023

Sanction Order

Subject: Financial assistance for the project entitled "Providing low cost solution and appropriate management framework for the reject disposal of Community-based RO Plants in many areas of Rajasthan" submitted by Dr. Monika Sogani, MANIPAL UNIVERSITY JAIPUR, DEHMI KALAN, OFF JAIPUR-AJMER EXPRESSWAY, BAGRU-JAIPUR, 303007
Release of the first installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 82,48,118/- (Rupees Eighty Two Lakh Forty Eight Thousand One Hundred Eighteen only) for a duration of 3 Years Days. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 73,58,118/-

Capital Component : ₹ 8,90,000/-

Items	(All Institute) Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
I- Non-Recurring				80000
Electronic TDS Meter-1 Unit - 1	80000	0	0	250000
Dissolved Oxygen Meter-1Unit - 1	250000	0	0	300000
Chlorophyll Meter-1Unit - 1	300000	0	0	100000
Magnetic stirrer (10 plate)- 1 Unit - 1	100000	0	0	60000
Laptop-1 Unit - 1	60000	0	0	100000
Water analyser-1 Unit - 1	100000	0	0	890000
Subtotal (Capital)	890000	0	0	
2- Recurring				3370080
Project Staff	1104480	1104480	1161120	
Junior Research Fellow (JRF)-1 ((@ 31,000/- + 18% HRA (For 1st & 2nd Year & SRF 35,000/- + 18% HRA for 3rd year)	438960	438960	495600	1373520
Research Associate-II-1 ((@ 47000/-+ 18% HRA for full three years))	665520	665520	665520	1996560
Consumables	200000	125000	50000	375000
Contingency	150000	100000	50000	300000
Travel	250000	175000	150000	575000
Overhead	248669	198669	190700	638038
Other Cost-(fabrication of Lab Scale CW-MDC Unit and its Operation, fabrication of Culture Cabinet, Designing and Construction of Pilot Scale CW-MDC unit of Cement Concrete, Operation & maintenance and various testing cost of Pilot Scale CW-MDC unit, Outsourcing and Stakeholders workshop organization for dissemination of key findings and knowledge generated)	500000	600000	600000	1700000
Other Cost-(Membrane development for CW- MDC using agro based material,	400000	0	0	400000

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55

Development of agro based PNSB absorbent, Outsourcing)				
Subtotal (General)	2853149	2303149	2201820	7358118
Total Project Cost (Cap.+ Gen.)	3743149	2303149	2201820	8248118

1 MANIPAL UNIVERSITY JAIPUR (Dr. Monika Sogani)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				60000
Laptop-1 Unit - 1	60000	0	0	300000
Chlorophyll Meter-1Unit - 1	300000	0	0	250000
Dissolved Oxygen Meter-1Unit - 1	250000	0	0	80000
Electronic TDS Meter-1 Unit - 1	80000	0	0	100000
Magnetic stirrer (10 plate)- 1 Unit - 1	100000	0	0	790000
Subtotal (Capital)	790000	0	0	
2- Recurring				1996560
Project Staff	665520	665520	665520	1996560
Research Associate-II-1((@ 47000/-+ 18% HRA for full three years))	665520	665520	665520	225000
Consumables	100000	75000	50000	150000
Contingency	50000	50000	50000	350000
Travel	150000	100000	100000	442156
Overhead	146552	149052	146552	
Any Other (Other Cost)-(fabrication of Lab Scale CW-MDC Unit and its Operation, fabrication of Culture Cabinet, Designing and Construction of Pilot Scale CW-MDC unit of Cement Concrete, Operation & maintenance and various testing cost of Pilot Scale CW-MDC unit, Outsourcing and Stakeholders workshop organization for dissemination of key findings and knowledge generated)	500000	600000	600000	1700000
Subtotal (General)	1612072	1639572	1612072	4863716
Total Project Cost (Cap.+ Gen.)	2402072	1639572	1612072	5653716

2 UNIVERCITY OF RAJASTHAN (Dr. Placheril John)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				100000
Water analyser-1 Unit - 1	100000	0	0	100000
Subtotal (Capital)	100000	0	0	
2- Recurring				1373520
Project Staff	438960	438960	495600	1373520
Junior Research Fellow (JRF)-1((@ 31,000/- + 18% HRA (For 1st & 2nd Year & SRF 35,000/- +18% HRA for 3rd year)	438960	438960	495600	100000
Consumables	50000	50000	0	100000
Contingency	50000	50000	25000	125000
Travel	50000	50000	41648	135882
Overhead	47117	47117	562248	1834402
Subtotal (General)	636077	636077	562248	1834402

3 KASHI INSTITUTE OF TECHNOLOGY (Mr. Kumar Sonu)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				
Subtotal (Capital)	0	0	0	
2- Recurring				
Consumables	50000	0	0	50000
Contingency	50000	0	0	50000
Travel	50000	25000	25000	100000
Overhead	55000	2500	2500	60000
Any Other (Other Cost)-(Membrane development for CW- MDC using agro based material, Development of agro based PNSB absorbent, Outsourcing)	400000	0	0	400000
Subtotal (General)	605000	27500	27500	660000
Total Project Cost (Cap.+ Gen.)	605000	27500	27500	660000

2. The sanction of the President is also accorded to the release of Rs. 28,53,149/- (Rupees Twenty Eight Lakh Fifty Three Thousand One Hundred Forty Nine only) to the "Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR" being the first installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debit to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of Rs. 28,53,149/- (Rupees Twenty Eight Lakh Fifty Three Thousand One Hundred Forty Nine only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. The amount of Rs. 28,53,149/- (Rupees Twenty Eight Lakh Fifty Three Thousand One Hundred Forty Nine only) will be drawn by the "CNA account of Autonomous body SERB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR . The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	MANIPAL UNIVERSITY JAIPUR
Bank A/C No	219012010000703
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0821900

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 200, in the register of grants maintained in the Technology Mission Division for the scheme WTI Call 2021 on Desalination Technologies .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/III/170223/31/03435 dated 17/02/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD)

account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. Out of the release of Rs. 28,53,149 / - (G) (Rs. 16,12,072/- for Manipal University Jaipur, (Darpan ID-RJ/2017/0115730), Rs. 6,36,077/- for University of Rajasthan and Rs. 6,05,000/- for Kashi Institute of Technology (Darpan ID-UP/2017/0152961) under the recurring head and out of release of Rs. 8,90,000/- (C) (Rs. 7,90,000/- (Manipal University Jaipur) and Rs.1,00,000/- (University of Rajasthan, Jaipur) towards the First-year installment.

11. This sanction order is subject to the **Terms & Conditions** as annexured .



Dr. Sanjai Kumar
(Scientist - 'D')
sanjai.k@gov.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Monika Sogani, Associate Professor Senior Scale, Department of Biosciences, MANIPAL UNIVERSITY JAIPUR, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007
6. Dr. Placheril John, Professor and Head, Department of Zoology, UNIVERCITY OF RAJASTHAN, Jaipur, Jaipur, Rajasthan - 302004
7. Mr. Kumar Sonu, Assistant Professor, HoD, Mechanical Engineering, KASHI INSTITUTE OF TECHNOLOGY, Varanasi, Varanasi, Uttar Pradesh - 221307
8. The Director/Registrar/Principal/Controller/Comptroller, KASHI INSTITUTE OF TECHNOLOGY, Varanasi, Varanasi, Uttar Pradesh - 221307
9. The Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007
10. The Director/Registrar/Principal/Controller/Comptroller, UNIVERCITY OF RAJASTHAN, Jaipur, Jaipur, Rajasthan - 302004
11. Secretary, SERB, New Delhi (for allocation of limits to implementing agency)
12. Head (Technology Mission Division) DST
13. Sanction Folder (Technology Mission Division)



Dr. Sanjai Kumar
(Scientist - 'D')
sanjai.k@gov.in



MANIPAL UNIVERSITY JAIPUR

DOR/HRB/2023/SG-05

Dr Monika Sogani,
Department of Biosciences,
School of Basic Sciences,
Manipal University Jaipur

Subject: Project proposal approval and MRB Seed grant sanction letter

Dear Dr Monika,
Congratulations!

This is to inform that you that your MRB seed grant proposal titled "Development of Microbilsa Based Polymeric Composite Adsorbents for Efficient Removal of arsenic from Drinking Water" has been accepted by the committee with the grant of ₹ 5.40 lakhs "Five lakhs and Forty thousand only".

The share of sanctioned grant among the investigators is as under:

1. Dr Monika Sogani, (PI), Manipal University Jaipur,
Amount Sanctioned - ₹ 4.0 lakhs (Rupees four lakhs only).
Note: Dr. Anees A. Y. Khan is a Co-PI from MUJ.
2. Prof. K Balakrishna, (Co-PI), MAHE,
Amount Sanctioned - ₹ 1.4 lakhs (Rupees One lakh and forty thousand only).

Breakup of the allocated grant budget

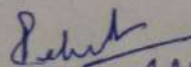
Sl. No	Researcher	Institute	Operational (Amount in lakhs and in ₹)		Capital (Amount in lakhs and in ₹)
			Year 1	Year 2	Year 1
1	Dr Monika Sogani	MUJ	1.6	1.5	0.9
2	Prof. K Balakrishna	MAHE	1.0	0.4	NA

Kindly note:

- The amount should be used only for the components mentioned in the proposal.
- The sanctioned amount is to be only utilized by the investigator mentioned under the MRB budget head.
- Investigators must follow the respective finance policies of their institution for utilization of the sanctioned grant.
- PI should submit the report every six months, or else the sanctioned budget will not be passed for utilization.
- In case of PI or Co-PI leaves the organization, the grant is not transferrable and will be seized.
- The travel expenses towards visiting collaborating institutions to be utilized from MAHE mobility grant, and PI or Co-PI will be funded to travel only once a year.

on behalf of MRB

With best regards,


Director Research 18 Sep 2023



Manipal Research Board/MRB Project (Sanction Number-DOR/MRB/2023/SG-05)

Project title: **Development of Microbial based Polymeric Composite Adsorbents for Efficient Removal of Arsenic from Drinking Water**

PI Name: **Dr. Monika Sogani**

University and Institute of PI: **Manipal University Jaipur, Jaipur.**

Collaborating Investigator 1 Name: **Dr. Anees Y. Khan**

University and Institute of Collaborating Investigator: **Manipal University Jaipur, Jaipur.**

Collaborating Investigator 2 Name **Dr. K. Balakrishna**

University and Institute of Collaborating Investigator: **MIT, MAHE, Manipal.**

Our Project is aligned with SDG6 and proposes the development and use of *Rhodopseudomonas palustris*-based polymeric adsorbent/biosorbent for the removal of As from drinking water which involves the mechanism of As adsorption on the surface along with its detoxification through microbial metabolic machinery. According to WHO, USEPA & BIS, the acceptable limit for As is 10 ppb, and exceeding this limit leads to significant health issues in humans, endangering millions of life across the globe.



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/TDT/WMT/End of life Vehicles/2021/01 (G)/2
(Technology Development Transfer)

Technology Bhawan, New Delhi

Dated: 31/05/2023

Sanction Order

Subject: Financial assistance for the project entitled “Commercial utilization of end of life tyres to produce high value chemicals and fuel using integrated technology” submitted by Dr. Abhishek Sharma, MANIPAL UNIVERSITY JAIPUR, JAIPUR, MANIPAL UNIVERSITY JAIPUR, VPO DEHMI KALAN, JAIPUR 303007., 303007 Release of the first installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 92,75,728/- (Rupees Ninety Two Lakh Seventy Five Thousand Seven Hundred Twenty Eight only)** for a duration of **3 Years Days** . The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 76,75,728/-

Capital Component : ₹ 16,00,000/-

Total DST Contribution : ₹ 2336760.00/-

Total Host Institute/Industry/State Contribution : ₹ 0.00/-

Items	(All Institute) Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Carbon disper grader-for analysis of carbon dispersion - 1	0	1600000	0	1600000
Subtotal (Capital)	0	1600000	0	1600000
2- Recurring				
Project Staff	1551480	1551480	1669080	4772040
Junior Research Fellow (JRF)-1 (01 JRF @ 31,000 + 18% HRA for 2 years and SRF @ 35,000 + 18% HRA for 3rd Year)	438960	438960	495600	1373520
Junior Research Fellow (JRF)-1 (01 JRF @ 31,000 + 27% HRA for 2 years and SRF @ 35,000 + 27% HRA)	472440	472440	533400	1478280
Senior Project Associate -1 (SPA 1 no. Rs.42,000/- + 27% HRA for 3 years)	640080	640080	640080	1920240
Consumables	215000	280000	170000	665000
Contingency	80000	80000	80000	240000
Travel	100000	100000	100000	300000
Overhead	120624	165824	162240	448688
Other Cost DST-	20000	500000	500000	1020000
Other Cost DST-	80000	100000	50000	230000
Subtotal (General)	2167104	2777304	2731320	7675728
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	2167104	4377304	2731320	9275728

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Carbon disper grader-for analysis of carbon dispersion - 1	0	1600000	0	1600000
Subtotal (Capital)	0	1600000	0	1600000
2- Recurring				
Project Staff	1112520	1112520	1173480	3398520
Junior Research Fellow (JRF)-1(01 JRF @ 31,000 + 27% HRA for 2 years and SRF @ 35,000 + 27% HRA)	472440	472440	533400	1478280
Senior Project Associate -1(SPA 1 no. Rs.42,000/- + 27% HRA for 3 years)	640080	640080	640080	1920240
Consumables	100000	100000	170000	370000
Contingency	50000	50000	50000	150000
Travel	50000	50000	50000	150000
Overhead	64624	85824	100000	250448
Any Other (Other Cost DST)-	20000	500000	500000	1020000
Subtotal (General)	1397144	1898344	2043480	5338968
Total Project Cost (Cap.+ Gen.)	1397144	3498344	2043480	6938968

2 MANIPAL UNIVERSITY JAIPUR, JAIPUR (Dr. Abhishek Sharma)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Subtotal (Capital)	0	0	0	
2- Recurring				
Project Staff	438960	438960	495600	1373520
Junior Research Fellow (JRF)-1(01 JRF @ 31,000 + 18% HRA for 2 years and SRF @ 35,000 + 18% HRA for 3rd Year)	438960	438960	495600	1373520
Consumables	115000	180000	0	295000
Contingency	30000	30000	30000	90000
Travel	50000	50000	50000	150000
Overhead	56000	80000	62240	198240
Any Other (Other Cost DST)-	80000	100000	50000	230000
Subtotal (General)	769960	878960	687840	2336760
Total Project Cost (Cap.+ Gen.)	769960	878960	687840	2336760

2. The sanction of the President is also accorded to the release of Rs. 7,69,960/- (Rupees Seven Lakh Sixty Nine Thousand Nine Hundred Sixty only) to the "Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR, JAIPUR" being the first installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment

R. Khan

3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of Rs. 7,69,960/- (Rupees Seven Lakh Sixty Nine Thousand Nine Hundred Sixty only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body SERB in respect of Innovation, Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. The amount of Rs. 769960/- (Rupees Seven Lakh Sixty Nine Thousand Nine Hundred Sixty only) will be drawn by the "CNA account of Autonomous body SERB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR, JAIPUR . The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	Manipal University Jaipur
Bank A/C No	219012010000703
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0821900

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 37. in the register of grants maintained in the Technology Development Transfer for the scheme Waste Management Technologies .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/III/310523/31/00613 dated 31/05/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. This sanction order is subject to the Terms & Conditions as annexed .



Dr. Krishna Kanth Pulicherla
(Scientist - 'E')
kkpulicherla.dst@gov.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi – 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Abhishek Sharma, Professor, Chemical Engineering, MANIPAL UNIVERSITY JAIPUR, JAIPUR, Jaipur, Jaipur, Rajasthan - 303007
6. Dr. Rajkumar Kasilingam, Director, Material Research Center, INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION, Thane, Thane, Maharashtra - 400604
7. The Director/Registrar/Principal/Controller/Comptroller, INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION, Thane, Thane, Maharashtra - 400604

8. Dr. Anees Ahmed Yunus Khan, Assistant Professor, MANIPAL UNIVERSITY JAIPUR, JAIPUR, Jaipur Rajasthan-303007
9. Dr. Debdipta Basu, Assistant Director, INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION, Maharashtra-400604
10. The Director/ Registrar/ Principal/ Controller/Comptroller, INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION, Maharashtra-400604
11. The Director/ Registrar/ Principal/ Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR, JAIPUR, Jaipur Rajasthan-303007
12. Secretary, SERB, New Delhi (for allocation of limits to implementing agency)
13. Head (Technology Development Transfer) DST
14. Sanction folder (Technology Development Transfer)



Dr. Krishna Kanth Pulicherla,
Scientist-E
kkpulicherla.dst@gov.in



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
DST/TDT/WMT/End of life Vehicles/2021/01 (G)/2
Terms & Conditions

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
 - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
 - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
11. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.

15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.

16. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग

DST/TDT/WMT/End of life Vehicles/2021/01 (G)/2

निबंधन और शर्तें

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अधधीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अधधीन है-
 - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
 - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए, अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में (गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात् www.bharatkosh.gov.in के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/ परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/ उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।
8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।
9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।

10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।

11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।

12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।

13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यतया आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।

14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।

Dated: 08 December, 2022

ORDER

Subject: Financial Sanction of the research project titled **Computational Study of Nanoalloy Clusters for Potential Applications in Energy Sector** under the guidance of Dr. Prabhat Ranjan, Mechatronics Engineering, Manipal University, Jaipur, Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026 - 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. 4741264/- (Rs. Forty Seven Lakh Forty One Thousand Two Hundred and Sixty Four Only)** with break-up of **Rs. 2500000/- under Capital (Non-recurring) head** and **Rs. 2241264/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4741264/-** has been approved are given below:

The following budget may be considered for **Manipal University, Jaipur, Vatika Infotech City, Near GVK Toll Plaza, Jaipur Ajmer Express Way Post Thikaria**

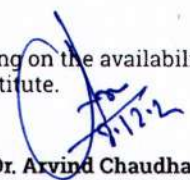
S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> High Performance Computing Cluster	2500000
A'	Total (Non-Recurring)	2500000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1350240 400000 60000
2	Recurring - IV : (Overhead Charges)	431024
B'	Total (Recurring)	2241264
C	Total cost of the project (A' + B')	4741264

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/2022/002539 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. Arvind Chaudhary)
Scientist D
ms-ipcpcac@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. Prabhat Ranjan Mechatronics Engineering Manipal University, Jaipur , Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026 Email: prabhat23887@gmail.com Mobile: 919660001868 (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.	Vice Chancellor, Manipal University, Jaipur, Vatika Infotech City, Near GVK Toll Plaza, Jaipur Ajmer Express Way Post Thikaria (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Arvind Chaudhary)
Scientist D
ms-ipcpcac@serb.gov.in

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: 08 December, 2022

ORDER

Subject: Research project entitled **Computational Study of Nanoalloy Clusters for Potential Applications in Energy Sector** under the guidance of Dr. Prabhat Ranjan, Mechatronics Engineering, Manipal University, Jaipur, Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026.

1. In continuation of SERB's sanction order No. CRG/2022/002539 dated 08 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 787100/-** under 'Grants-in-aid General' to Manipal University, Jaipur, Vatika Infotech City, Near Gvk Toll Plaza, Jaipur Ajmer Express Way Post Thikaria, Jaipur, Rajasthan-302026 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 08 December, 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 debitible to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Inorganic Physical Chemistry**) (General) .
5. The Sanction has been issued with the approval of the competent authority on **06 December, 2022** and vide Diary No. SERB/F/7719/2022-2023 dated **07 December, 2022**..
6. The release amount of **Rs. 787100/-** (Rupees Seven Lakh Eighty Seven Thousand One Hundred 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	MUJ05
Account Name	MANIPAL UNIVERSITY JAIPUR
Account Number	41058604477
Bank Name & Branch	STATE BANK OF INDIA SBI BHANKROTA, JAIPUR-AJMER EXPRESSWAY, BHANKROTA, JAIPUR, PIN- 302026
IFSC/RTGS Code	SBIN0011396
Email id of A/C Holder	pradeep.chaturvedi@jaipur.manipal.edu
Email id of PI	prabhat23887@gmail.com

(Dr. Arvind Chaudhary)
Scientist D
ms-ipcpcac@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. Prabhat Ranjan Mechatronics Engineering Manipal University, Jaipur, Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026 Email: prabhat23887@gmail.com Mobile: 919660001868 (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.	Vice Chancellor, Manipal University, Jaipur, Vatika Infotech City, Near GVK Toll Plaza, Jaipur Ajmer Express Way Post Thikaria (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)
Scientist D
ms-ipcpcac@serb.gov.in

FILE NO. CRG/2022/002539-C
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: 08 December, 2022

ORDER

Subject: Research project entitled **Computational Study of Nanoalloy Clusters for Potential Applications in Energy Sector** under the guidance of **Dr. Prabhat Ranjan**, Mechatronics Engineering, Manipal University, Jaipur, Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026.

1. In continuation of SERB's sanction order No. CRG/2022/002539 dated 08 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 2500000/-** under 'Grants-in-aid Capital' to Manipal University, Jaipur, Vatika Infotech City, Near Gvk Toll Plaza, Jaipur Ajmer Express Way Post Thikaria, Jaipur, Rajasthan-302026 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 08 December, 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 debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Inorganic Physical Chemistry**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **06 December, 2022** and vide Diary No. **SERB/F/7718/2022-2023** dated **07 December, 2022**.
6. The release amount of **Rs. 2500000/-** (Rupees Twenty Five 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	MUJ05
Account Name	MANIPAL UNIVERSITY JAIPUR
Account Number	41058604477
Bank Name & Branch	STATE BANK OF INDIA SBI BHANKROTA, JAIPUR-AJMER EXPRESSWAY, BHANKROTA, JAIPUR, PIN- 302026
IFSC/RTGS Code	SBIN0011396
Email id of A/C Holder	pradeep.chaturvedi@jaipur.manipal.edu
Email id of PI	prabhat23887@gmail.com

(Dr. Arvind Chaudhary)
Scientist D
ms-ipcpac@serb.gov.in

To,
Under Secretary
SERB, New Delhi

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2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Prabhat Ranjan Mechatronics Engineering Manipal University, Jaipur, Vatika infotech city, near gvk toll plaza, jaipur ajmer express way post thikaria, Jaipur, Rajasthan-302026 Email: prabhat23887@gmail.com Mobile: 919660001868 (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.	Vice Chancellor, Manipal University, Jaipur, Vatika Infotech City, Near GVK Toll Plaza, Jaipur Ajmer Express Way Post Thikaria (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)
Scientist D
ms-ipcpac@serb.gov.in



Dr. Amit Sharma <jmcamit@gmail.com>

Award Letter for the year 2022-2023 (Minor)

5 messages

RP Division ICSSR <rpdivision@icssr.org>
To: jmcamit@gmail.com

10 March 2023 at 15:43

File No. 02/128/2022-23/RP/MN

Dated: 10/March/2023

Award Letter of Minor Research Project

Dear Dr. Amit Sharma

Research Project division of the ICSSR is pleased to inform you that the Expert Committee has recommended to award the minor research project titled "**भारतीय सिनेमा में भारतीयता**" submitted by you under the Minor Research Project Scheme of the ICSSR.

Title Proposed: "**भारतीय सिनेमा में भारतीयता**"

Revised Title approved by the Expert Committee: NA.

Budget Approved: ₹. **4,80,000 (Rupees Four Lakh Eighty Thousand Only)**First Instalment: 40% of the awarded grant, detailed Budget in break-up will be sent along with the sanction order of **1,92,000/-**

The above has been approved by the Competent Authority on the recommendations of the Expert Committee. You are advised to complete the remaining formalities (as mentioned below) within seven working days to enable you to commence the study.

You are required to submit an undertaking on a non-judicial stamp paper of Rs. 100/- (copy enclosed), declaration on a non-judicial stamp paper, original forwarding letter and the grant- in-aid bill (copy enclosed) of 40% of the awarded grant.

All Payments and Transfers are to be done through EAT module. Hence, the institution has to open a dedicated account as per the notification of the ICSSR.

You are once again required to go through the eligibility criteria in the guidelines and make sure that you fulfil them in all respect, both in case of individual as well as institution. In case, you have been awarded a project under any other programme of ICSSR and sanction letter for the same has been issued, you are requested to continue with earlier sanction and inform accordingly. In that case, this award will not stand operational. In case, have already been awarded a project and sanction letter has not been issued, you may make an option between the two awards and inform us clearly which project you would like to start/undertake. If, there is any change in terms of the original proposal, you need to clarify and take approval from the ICSSR before the commencement of the project.

Kindly send all the desired documents (list is attached herewith) to the undersigned within seven working days to enable us to issue the formal sanction order as per the checklist enclosed.

With Regards

Richa Sharma,

Deputy Director (Research)

Research Project Division

Indian Council of Social Science Research

New Delhi-110067

[011-26716690](tel:011-26716690)

5 attachments

 **ICSSR PFMS Scheme (1).pdf**
157K

 **PROJECT Undertaking for minor.doc**
30K

 **Grant in Aid Bill - Blank (1).docx**
18K

 **Declaration (1).docx**
14K

 **CHECKLIST OF Minor.docx**
12K

Dr. Amit Sharma <jmcamit@gmail.com>

To: Manoj Thakur <thakurmanoj81@gmail.com>

10 March 2023 at 22:18

[Quoted text hidden]

5 attachments



Welcome: **PRAVAKAR MOHANTY**
 User Type: **PD**
 Financial Year: **2023-2024**



English ▾

6

Public Financial Management System-PFMS
 (Formerly CPMS)

via Controller General of Accounts, Ministry of Finance

Adhoc Reports

SchemeWise Contact Details

Home

CAM Reports

User Manuals

Masters

Users

Agency

Sanctions

PreSanction

Sanction Custom Fields

Printing Templates

Sanction Templates

Employee Info. System

Reports

Masters

My Schemes

Agencies

My Funds

Scheme Allocation

Register/ Track Issue

Utilisation Certificate

OLD UC

Payment Details

Controller: 037-SCIENCE AND TECHNOLOGY

Sanction Status: **Approved**

Sanction Number: SP/PURSE/2022/142

Sanction Date: 17/05/2023

Sanction Type: Transfer (DDO Bill)

Sanction Amount: 51408750

IFD Number: IFD/C/1/170523/35/00344

IFD Date: 17/05/2023

Scheme: 1817-Science and Technology Institutional and Human Capacity Building

PAO: 058296-PAO(DST), New Delhi

DDO: 258297-DEPARTMENT OF SCIENCE & TECHNOLOGY (INCLUDING,NCST)

Remarks: 1sr release

North East Expenditure

Account Details:

Code	Department (For UT Grants)	Function Head	Object Head	Category	Amount	External PAO	Available Balance
089 -	Department of Science and Technology	3425602006804 - OTHER PROGRAMMES	35 - GRANTS FOR CREATION OF CAPITAL ASSETS	5 - VOTED	51408750		2049798695

Agency	Bank Account No.	Amount	Mode of Payment
TECHNOLOGY DEVELOPMENT BOARD, DEPARTMENT OF SCIENCE AND TECHNOLOGY	60414917022 - SCIENCE AND TECH II ▾	51,408,750.00	<input checked="" type="radio"/> RTGS

Payment Details

Accredited Bank : * UNION BANK OF INDIA ▾ Amount : 51408750 Not Payable Before : * Required

Party Name	IFSC Code	Party Account No.	Amount	Payee Remarks
SCIENCE AND TE	MAHB0000593	60414917022	51408750	PAO Payment

Note: If the IFSC Code is not automatically shown it means bank A/C is not validated. If payment process is urgent please key in the IFSC Code and process payment. Please ensure IFSC Code is correct.

Back

M. Pravar



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
SR/PURSE/2022/142 (C)
(R & D Infrastructure)

Technology Bhawan, New Delhi

Dated: 17/05/2023

Sanction Order

Subject: Financial assistance for the project entitled "Promotion of University Research and Scientific Excellence (PURSE) - Project" submitted by Dr. Lalita Ledwani, MANIPAL UNIVERSITY JAIPUR, DEHMI KALAN, OFF JAIPUR-AJMER EXPRESSWAY, JAIPUR, RAJASTHAN, 303007. Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 9,84,07,600/- (Rupees Nine Crore Eighty Four Lakh Seven Thousand Six Hundred only) for the duration of 4 Years . The detailed breakup of the grant for general as well as capital components are given below: -

Total General Component	₹ 2,84,07,600/-	DST Contribution (General)	₹ 2,13,05,700/-	HI/Industry/State Contribution (General)	₹ 71,01,900/-
Total Capital Component	₹ 7,00,00,000/-	DST Contribution (Capital)	₹ 5,25,00,000/-	HI/Industry/State Contribution (Capital)	₹ 1,75,00,000/-

Items	Budget Summary (in Rs.)				
	Year-1	Year-2	Year-3	Year-4	Total
1- Non-Recurring					
Pilot Plant - - 1	16500000	0	0	0	16500000
CHNS Analyzer- - 1	4500000	0	0	0	4500000
BET (Surface Area Analyzer)- - 1	3750000	0	0	0	3750000
GCMS/MS - - 1	10500000	0	0	0	10500000
Preparative HPLC - - 1	3750000	0	0	0	3750000
Gas Chromatograph- - 1	1125000	0	0	0	1125000
TG-FTIR Spectrometer - - 1	6750000	0	0	0	6750000
Spinning band lab scale distillation column- - 1	1200000	0	0	0	1200000
Horizontal Tube Furnace- - 1	225000	0	0	0	225000
UV-Vis Spectrophotometer- - 1	375000	0	0	0	375000
High Speed Refrigerated Centrifuge- - 1	375000	0	0	0	375000
Incubator Shaker- - 2	1020000	0	0	0	1020000
Water Purification System- - 1	525000	0	0	0	525000
Laminar Air Flow- - 2	150000	0	0	0	150000
Autoclave - - 2	300000	0	0	0	300000
Safety infrastructure for management of hazardous waste- - 1	363750	363750	363750	363750	1455000
(Non-Recurring Contribution)-	17136250	121250	121250	121250	17500000
Subtotal (Capital)	68545000	485000	485000	485000	70000000
2- Recurring					

M. S. Srinivasan

Project Staff	1943460	1943460	1943460	1975320	7805700
Project Associate -II-I (02- Project Associate-II @ Rs.35,000/-+18% HRA P.M. 03- Project Associate-I @ Rs.31,000/-+18% HRA P.M. 01- Lab Assistant/Field Assistant @ Rs.20,000/-+18% HRA P.M. (As per OM SR/S9/Z-05/2019, 10th July)	1943460	1943460	1943460	1975320	7805700
Consumables	1500000	1500000	1500000	1500000	6000000
Travel	187500	187500	187500	187500	750000
Overhead	375000	375000	375000	375000	1500000
(Recurring Contribution)-.	1460320	1885320	1885320	1870940	7101900
Seminar/ Workshop /Conference-	375000	375000	375000	375000	1500000
Maintenance-	0	525000	525000	450000	1500000
SSR Activities-	0	225000	225000	300000	750000
Hand holding of Start-ups and Industrial Collaboration-	0	525000	525000	450000	1500000
Subtotal (General)	5841280	7541280	7541280	7483760	28407600
Total Contribution (Cap.+ Gen.)	18596570	2006570	2006570	1992190	24601900
Total Project Cost (Cap.+ Gen.)	74386280	8026280	8026280	7968760	98407600

2. The sanction of the President is also accorded to the release of Rs. 5,14,08,750/- (Rupees Five Crore Forteen Lakh Eight Thousand Seven Hundred Fifty only) to the "Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR" being the First installment of grant as mentioned above table under "Capital Component" for the above mentioned project.

3. The expenditure involved is debit to Demand No. 89, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.68	Science and Technology Institutional and Human Capacity Building(Sub Head)
3425.60.200.68.04	Other Programmes
3425.60.200.68.04.35	Grants for creation of capital assets
	(Previous: 3425.60.200.25.01.35)

4. The amount of Rs. 5,14,08,750/- (Rupees Five Crore Forteen Lakh Eight Thousand Seven Hundred Fifty only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra, Press Enclave - New Delhi
RTGS/IFSC code	MAHB0000593

5. The amount of Rs. 5,14,08,750/- (Rupees Five Crore Forteen Lakh Eight Thousand Seven Hundred Fifty only) will be drawn by the "CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, MANIPAL UNIVERSITY JAIPUR".

The bank details for electronic transfer of funds through RTGS are given below: -

M. B. Bhanu

Name of A/C Holder	Manipal University Jaipur
Bank A/C No	60421991507
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFSC code	MAHB0001501

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 6 . in the register of grants maintained in the R & D Infrastructure for the scheme **Promotion of University Research and Scientific Excellence (PURSE)**.

7. This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/I/170523/35/00344 dated 17/05/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

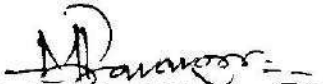
10. This sanction order is subject to the **Terms & Conditions** as annexed .


Dr. Pravakar Mohanty
 Scientist - 'D'
 pravakar.mohanty@gov.in

To,
 The Pay & Accounts Officer,
 Department of Science & Technology,
 New Delhi – 110 016.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Lalita Ledwani, Professor, Chemistry, MANIPAL UNIVERSITY JAIPUR, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), MANIPAL UNIVERSITY JAIPUR, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007
7. Secretary, TDB, New Delhi (for allocation of limits to implementing agency)
8. Head (R & D Infrastructure) DST
9. Sanction Folder (R & D Infrastructure)


Dr. Pravakar Mohanty
 Scientist - 'D'
 pravakar.mohanty@gov.in



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
SR/PURSE/2022/142 (C)
Terms & Conditions

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

2. Subsequent releases of grants to the grantee institute would be made on the basis of the targeted deliverables with the timelines i.e. "Targets Vs Achievement" as mentioned in the Table below:

S. No.	Target with Proposed First Instalment
	Procurement/ Installation of following R&D Infrastructure
1	Pilot Plant
2	CHNS Analyzer
3	BET (Surface Area Analyzer)
4	GCMS/MS
5	Preparative HPLC
6	Gas Chromatograph
7	TG-FTIR Spectrometer
8	Spinning band lab scale distillation column
9	Horizontal Tube Furnace
10	UV-Vis Spectrophotometer
11	High Speed Refrigerated Centrifuge
12	Incubator Shaker
13	Water Purification System
14	Laminar Air Flow
15	Autoclave
16	Safety infrastructure for management of hazardous waste

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3. The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any anticipated excess expenditure. **The Department is requested to utilize the released funds in the first one year from the date of sanction order.**

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

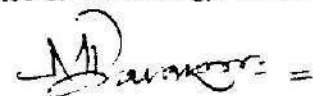
5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that:-

a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
13. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
14. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
15. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.
16. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.
17. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.
18. To maintain transparency and accountability, the facilities acquired from PURSE Grant should be mapped to Indian Science Technology and Engineering facilities Map i.e. I-STEM portal (www.istem.gov.in) and should be accessible to the scientific community and industry. DST should be informed after mapping the research facilities in the I-STEM Portal.
19. The Grantee Institution should promote services of PURSE facilities to the demands of outside faculties, researchers, scientists and students at other academic institutes, universities, nearby colleges national laboratories, R&D Labs, Startups, and Industries to enable them to carry out R&D activities to promote PURSE collaborative research endeavours.
20. Special seminar/s on usage and upkeep of scientific instruments might be conducted from time to time by the beneficiary organization to ensure smooth functioning as well as maximum uptime of the established facility.
21. A task-force with representation from IFD, any Division of DST along with any scientist of the R&D Infrastructure Division would undertake random check on the status of utilization of the major facilities supported by DST, as and when needed.
22. To give visibility to the identified department, the department may be called as "DST-PURSE Sponsored Department". The Public Notice displaying the Logo of the PURSE Program may be downloaded from the DST website and suitably displayed in this regard.
23. The Grantee Institution should follow, implement and adopt the Scientific research infrastructure sharing maintenance and networks (SRIMAN) guidelines of Ministry of Science & Technology, GoI, released on May 2022.

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24. The Grantee Institution should follow and adopt the Scientific social responsibility (SSR) guidelines of Ministry of Science & Technology, GoI, released on May 2022. While utilising the grant which has released towards industrial R&D support and SSR component, the Grantee Institute must ensure the implementation of SSR broad guidelines both in letter and spirit and should highlight the benefits of SSR guidelines among stakeholders of PURSE.





भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
SR/PURSE/2022/142 (C)
निबंधन और शर्तें

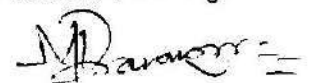
1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्यक्षीन है।
2. अनुदानग्राही संस्थान को बाद में जारी किए जाने वाले अनुदानों को समय-सीमा के साथ लक्षित सुपुर्दगी के आधार पर किया जाएगा अर्थात् "लक्ष्य बनाम उपलब्धि" जैसा कि नीचे दी गई तालिका में उल्लेख किया गया है:

S. No.	Target with Proposed First Instalment
	Procurement/ Installation of following R&D Infrastructure
1	Pilot Plant
2	CHNS Analyzer
3	BET. (Surface Area Analyzer)
4	GCMS/MS
5	Preparative HPLC
6	Gas Chromatograph
7	TG-FTIR Spectrometer
8	Spinning band lab scale distillation column
9	Horizontal Tube Furnace
10	UV-Vis Spectrophotometer
11	High Speed Refrigerated Centrifuge
12	Incubator Shaker
13	Water Purification System
14	Laminar Air Flow
15	Autoclave
16	Safety infrastructure for management of hazardous waste

Handwritten signature

3. विभाग/संस्थान किसी भी प्रत्याशित अधिक व्यय के मामले में व्यय को स्वीकृत राशि के भीतर उचित रूप से सीमित करेगा। विभाग से अनुरोध है कि जारी की गई धनराशि का उपयोग स्वीकृति आदेश की तिथि से प्रथम एक वर्ष में करें।
4. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
5. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
6. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्यक्षीन है-

- ग) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
- घ) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
7. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
 8. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
 9. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।
 10. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।
 11. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
 12. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।
 13. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
 14. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु/उपस्कर) का अनिवार्यतया आर्ने लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।
 15. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।
 16. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।
 17. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।
 18. पारदर्शिता और जवाबदेही बनाए रखने के लिए, PURSE अनुदान से प्राप्त सुविधाओं को भारतीय विज्ञान प्रौद्योगिकी और इंजीनियरिंग सुविधाओं के मानचित्र यानी आई-एसटीईएम पोर्टल (www.istem.gov.in) पर मैप किया जाना चाहिए और वैज्ञानिक समुदाय और उद्योग के लिए सुलभ होना चाहिए। आई-एसटीईएम पोर्टल में अनुसंधान सुविधाओं का मानचित्रण करने के बाद डीएसटी को सूचित किया जाना चाहिए।
 19. अनुदानग्राही संस्थान को अन्य शैक्षणिक संस्थानों, विश्वविद्यालयों, नजदीकी कॉलेजों, राष्ट्रीय प्रयोगशालाओं, अनुसंधान एवं विकास प्रयोगशालाओं, स्टार्टअप्स और उद्योगों के बाहरी संकायों, शोधकर्ताओं, वैज्ञानिकों और छात्रों की मांगों के लिए PURSE सुविधाओं की सेवाओं को बढ़ावा देना चाहिए ताकि वे अनुसंधान एवं विकास गतिविधियों को बढ़ावा देने के लिए सक्षम हो सकें PURSE सहयोगी अनुसंधान प्रयास।



- लाभार्थी संगठन द्वारा समय-समय पर वैज्ञानिक उपकरणों के उपयोग और रखरखाव पर विशेष संगोष्ठी आयोजित की जाय ताकि सुचारु संचालन के साथ-साथ स्थापित सुविधा के अधिकतम अपटाइम को सुनिश्चित किया जा सके।
21. आईएफडी, डीएसटी के किसी भी डिवीजन के प्रतिनिधित्व के साथ एक टास्क फोर्स, आर एंड डी इंफ्रास्ट्रक्चर डिवीजन के किसी भी वैज्ञानिक के साथ, जब भी जरूरत हो, डीएसटी द्वारा समर्थित प्रमुख सुविधाओं के उपयोग की स्थिति पर यादचिह्नक जांच करेगा।
 22. पहचाने गए विभाग को दृश्यता देने के लिए, विभाग को "DST-PURSE प्रायोजित विभाग" कहा जा सकता है। PURSE कार्यक्रम के लोगो को प्रदर्शित करने वाली सार्वजनिक सूचना को डीएसटी वेबसाइट से डाउनलोड किया जा सकता है और इस संबंध में उपयुक्त रूप से प्रदर्शित किया जा सकता है।
 23. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार के वैज्ञानिक अनुसंधान अवसंरचना साझा रखरखाव और नेटवर्क (श्रीमान) दिशानिर्देशों का पालन, कार्यान्वयन और अपनाना चाहिए।
 24. अनुदानग्राही संस्थान को मई 2022 को जारी विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार के वैज्ञानिक सामाजिक उत्तरदायित्व (एसएसआर) दिशानिर्देशों का पालन करना चाहिए और उन्हें अपनाना चाहिए। औद्योगिक अनुसंधान एवं विकास सहायता और एसएसआर घटक के लिए जारी किए गए अनुदान का उपयोग करते हुए अनुदानग्राही संस्थान को एसएसआर के व्यापक दिशानिर्देशों का अक्षरशः कार्यान्वयन सुनिश्चित करना चाहिए और PURSE के हितधारकों के बीच एसएसआर दिशानिर्देशों के लाभों को उजागर करना चाहिए।

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Date: 17th March, 2023

Sub: Industry-Academia Collaborative Research & Development Project on 'Biofabrication and Performance Evaluation of Sustainable Biocomposites'

Dear Investigators,

We are pleased to inform you that the Board of Management of Quantaplast Polymer Pvt Ltd. has sanctioned the funding of INR 15.50 Lakhs for the proposed project on 'Biofabrication and Performance Evaluation of Sustainable Biocomposites'. The Industry-academia collaborative project as cited above is planned for the next 12 months (March 2023-Feb 2024) and will be aimed to integrate innovative strategies in the critical areas of formulation, designing, fabrication and characterization of sustainable biocomposites.

PROJECT TITLE: Biofabrication and Performance Evaluation of Sustainable Biocomposites

PRINCIPAL INVESTIGATOR 1

Dr. Subrata Bandhu Ghosh

In-charge: BIONAC Research Laboratory
Professor

Department of Mechanical Engineering
Manipal University Jaipur

PRINCIPAL INVESTIGATOR 2

Dr. Sanchita Bandyopadhyay-Ghosh

In-charge: EnBioMatRIC
Professor

Department of Mechanical Engineering
Manipal University Jaipur

CO-PRINCIPAL INVESTIGATOR

Dr. Vijay Shankar Kumawat

Assistant Professor
Department of Mechanical Engineering
Manipal University Jaipur

BUDGET SANCTIONED: Rupees Fifteen Lakhs and Fifty Thousand Only (Rs. 15.50 Lakhs).

Manpower @Rs. 55,000/month	Rs. 6,60,000
Equipment	Rs. 7,00,000
Consumables	Rs. 1,00,000
Others (Characterization, Travel)	Rs. 45,000
Overhead	Rs. 40,000
Total	Rs. 15,50,000

TERMS AND CONDITIONS

- Confidentiality of the project is crucial and should be maintained with highest priority.
- The investigators will furnish Quantaplast Polymer Pvt Ltd, the Project Completion Report, Utilization Certificate and an audited statement of accounts pertaining to the grant, immediately following the completion of the project.
- The manpower sanctioned in the project is co-terminus with the duration of the project and Quantaplast Polymer Pvt Ltd will have no liability to meet the fellowship and salary of supporting staff beyond the duration of the project.
- The sanctioned budget will be disbursed as per the disbursement plan mentioned in Appendix 1.

Sincerely,



(Rajesh Shah)

Associate Vice President

Quantaplast Polymer Pvt Ltd.

**Appendix 1:
Budget Disbursal Plan**

Budget Heads		Rationale	Mar-June (Rs.)	July-Oct (Rs.)	Nov-Feb (Rs.)	Total (Rs.)
1	Manpower	1 PDF will be engaged @55K/month to carry out experiments, product development etc	2,20,000	2,20,000	2,20,000	6,60,000
3	Consumables	Consumables will primarily be required in the 1st two quarters to synthesize and develop biocomposites	50,000	50,000	-	1,00,000
4	Contingency and Testing	Contingencies (for characterization, testing, travel etc) will be required mainly in the later quarters	-	25,000	25,000	50,000
5	Equipment	Customized 3D printing setup will be used to fabricate samples	7,00,000	-	-	7,00,000
6	Overhead	Overhead expenses are allocated as per University policy @5% of project cost, not including equipment cost.	-	-	40,000	40,000
Total			9,70,000	2,95,000	2,85,000	15,50,000

[Handwritten Signature]