



MAHATMA GANDHI CENTRAL UNIVERSITY

[Established by an Act of Parliament]

Finance and Accounts Division

Dr B R Ambedkar Administrative Campus, Near OP Thana, Raghunathpur,
Motihari, District – East Champaran, Bihar – 845 401

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F. 1-1/MGCUB/ RPS

Dated: 05.02.2024

SANCTION OF SEED MONEY UNDER RESEARCH PROMOTION SCHEME

Subsequent to Recommendation of *Standing Committee on Research Promotion Scheme* and further approval of the Competent Authority, it is hereby notified that following proposals have been approved for a sanction of Rs 2.0 Lakhs in each case, as seed money, under Research Promotion Scheme of the University:

S. No.	Name of Faculty Member	Title of the Project	Department	School
1.	Dr. Shivendra Singh	Impact of Self-Help Group on Women Empowerment through JEEVIKA Scheme: A Study of East Champaran District, Bihar	Commerce	Pt. MMM School of Commerce and Management Sciences
2.	Dr. Ravish Chandra Verma	An Approach of Rejuvenation of Sugar Industry: A Study on Champaran District		
3.	Dr. Alka Lalhall	Management Thought in the Indian Knowledge System: A Comprehensive Analysis	Management Sciences	
4.	Mr. Shubham Kumar	Integration of Fuzzy Logic into Multivariate Decision Tree for Decision Making	CS&IT	School of Computational Sciences, Information and Communication Technology
5.	Dr. Sunil Kumar Singh	Designing Deep-learning based model for Detecting Deepfake Images and Videos		
6.	Dr. Vipin Kumar	Drone-based Hyperspectral Imaginary System to Detect the Crop Growth Stages, Health and Damage using Deep Learning Models to Enhance Crop Insurance in India		
7.	Dr. Madhu Patel	Impact of Information Literacy among the Students and Research Scholars of Higher Educational Institutions of Tirhut Division of Bihar, India.	Library & Info. Sci.	
8.	Dr. Umesh Patra	A study of the Rituals and Performative Tradition of <i>Prahlad Nataka</i> in Odisha	English	School Of Humanities & Languages
9.	Dr. Kalyani Hazri	Creative Writing As Research		
10.	Dr. Deepak	Translating Bhojpuri Folk in English: Gorakh Prasad Mastana		
11.	Dr. Garima Tiwari	हिंदी कथा साहित्य और मल्लिका : एक विश्लेषण	Hindi	School Of Humanities & Languages
12.	Dr. Shyam Nandan	चंपारण सत्याग्रह में साप्ताहिक पत्र 'प्रताप' की भूमिका		
13.	Dr. Govind Prasad Verma	काशीप्रसाद जायसवाल का हिंदी साहित्य को प्रदेय		
14.	Dr. Asha Meena	हिन्दी की राष्ट्रीय सांस्कृतिक काव्यधारा और बालकृष्ण शर्मा 'नवीन'	Sanskrit	School of Life Sciences
15.	Dr. Babaloo Pal	श्रीमद्भगवद्गीता में आत्म-संयम योग का समुन्मीलन		
16.	Mr. Biswajit Barman	अष्टाङ्ग योग तथा विविध योग सिद्धांतों की वर्तमान लोकजीवन में उपयोगिता		
17.	Dr. Saurabh Singh Rathore	Green synthesis and characterization of Magnesium nanoparticle from <i>Syzygium cumini</i>	Biotechnology	

S. No.	Name of Faculty Member	Title of the Project	Department	School
18.	Dr. Swati Manohar	Provitamin A extraction from carrot via green methods fro the development of milk-based fortified products		
19.	Dr. Shashikant Ray	Probing Streptococcus pneumoniae FtsZ Assembly Dynamics through Advanced Biophysical Techniques		
20.	Dr. Akhilesh Kumar Singh	Biogenic Fabrication, Characterization, and Application-Centric Investigation of Cobalt Metal/Cobalt Metal Oxide Nanoparticles Utilizing <i>Adhatoda vasica</i> Plant Extract		
21.	Dr. Pratibha Singh	Identification of Various Viruses Infecting Tomato in Various Regions of Bihar		
22.	Dr. Durgeshwer Singh	Immobilization of Bacterial Cells in Hydrogel for Bioremediation of Acidic Dyes used in Textile Industries	Botany	
23.	Dr. Tara Chandra Ram	Karyomorphological and Biochemical Investigation on irradiated Seeds of Commercially Grown Varieties of <i>Withania Somnifera</i> L. In East Champaran Agroclimatic Zone		
24.	Dr. Buddhi Prakash Jain	Effect of Cadmium on Breast Cancer progression via affecting Endoplasmic Reticulum functions		
25.	Dr. Amit Ranjan	The impact of octopamine and noradrenalin on <i>Caenorhabditis elegans</i> longevity	Zoology	
26.	Dr. Shyam Babu Prasad	Investigating the role of Thyroid receptor interacting Protein 13 (TRIP13) in regulation of Epithelial-Mesenchymal Transition (EMT) in gallbladder cancer		
27.	Dr. Kundan Kishor Rajak	Assessment of Soil Quality using Earthworm as Bio-Indicators.		
28.	Dr. Neelabh Srivastava	Structural, electronic and magnetic properties of half-metallic ferromagnets: An Experimental and First-principles calculations		
29.	Dr. Sweta Singh	Greener approach towards the Synthesis of Ultra-light Porous Carbon Nanomaterial and its application in wastewater treatment	Physics	
30.	Dr. Arvind Kumar Sharma	Synthesis and Characterization of Chalcogens-based Multi-component Semiconducting Material for Phase Change Optical Memory Application		
31.	Dr. Pawan Kumar	Design of High-Performance Nanocomposite-Based Supercapacitors Utilizing Double Perovskite Materials		
32.	Dr. Rajanish Nath Tiwari	The study of Graphene-based transition metal oxide nanocomposites for the treatment of waste water		School of Physical Sciences
33.	Dr. Abhijeet Kumar	Development of environmentally benign methods using Agro-waste based biodegradable and heterogeneous catalysts and solvent for the synthesis of functionalized pyrans and pyrimidines and study of their photophysical studies		
34.	Dr. Uttam Kumar Das	Design and synthesis of Chemo-sensor (Hetero nuclear metal-complex) capable of detecting toxic elements (like fluoride, cyanide, nitrate, SO ₂ , H ₂ S, TNT, picric acid etc) that pollute water	Chemistry	
35.	Dr. Anil Kumar Singh	Synthesis of Phthalimide Based Functionalized Fused 1,2,4- triazolo-triazepins and 1,2,4-triazoles as novel antimalarial agents targeting Plasmepsins and Falcipains		
36.	Mr. Bidhubhushan Mishra	A Study Productivity: Revisiting the Productivity Gain in Rural Bihar	Economics	School of Social Sciences

S. No.	Name of Faculty Member	Title of the Project	Department	School
37.	Mr. Ram Lal Bagaria	Understanding Informal Trade Dynamics between India and Nepal: A Primary Survey Investigation		
38.	Dr. Rashmi Srivastava	NISHTHA (National Initiative for School Heads' and Teachers' Holistic Advancement) programme for the training of teachers in terms of its Context, Implementation and Challenges in the Special references of Tirthut Mandal of Bihar State: An Assessment Study	Education	
39.	Dr. Pathloth Omkar	Inclusivity and Best Practices in Higher Education in the Context of National Education Policy 2020: An Exploratory Study of Indian Universities		
40.	Dr. Manisha Rani	Continuous Professional Development of Teachers: A Status Study of Higher Education Institutes in East Champaran		
41.	Dr. Abhay Vikram Singh	भारत के विकास में राजनीतिक दलों की कार्यपद्धति से जुड़े नूतन विमर्श: (2014 से 2024 तक) का विश्लेषणात्मक अध्ययन	Gandhian & Peace Studies	
42.	Dr. Rashmita Ray	Challenges Faced by Caregivers of Children with Autism: A comprehensive study on lived experiences	Social Work	
43.	Dr. Pankaj Kumar Singh	A study of the Feasibility of One Nation, one Election in India Context	Political Science	
44.	Dr. Om Prakash Gupta	BJP's OBC Outreach in Bihar: A Study of Political Alliances, Socioeconomic Initiatives and Voter Dynamics		
45.	Dr. Prerana Bhaduli	Regional Power Shifts in the Indian Ocean: Implication for India in the Face of Growing Chinese Presence		
46.	Dr. Sweta	An anthropological Study of the Motijheel in Motihari, Bihar: Policies and Prospects for the sustainable rejuvenation	Sociology	

This sanction is subject to the following conditions in addition to the terms stipulated in the Research Promotion Scheme guidelines.

- Those faculty who are on leave, will be able to avail benefit under this scheme, only after they re-join the University. However, they are hereby conveyed in-principle approval of their proposal. Further, if a faculty proceeds on a long leave after availing the scheme, she/he will not utilize the amount during leave period. However, once she/he joins back, may continue availing benefits under the scheme w.e.f. their date of joining.
- All the PI's will have to submit a request for advance and a revised budget** (if their previous budget estimate was not in line with the breakup mentioned in the policy guidelines) **latest by 08.02.2024**. As per policy guidelines, the grant of Rs 2.0 Lakhs may be utilized as follows:
 - Rs 1.5 Lakhs for Minor equipment, books, journals and software(perpetual license)
 - 0.5 Lakhs (Rs 25k per year) for contingency and consumables.
- An advance may be sanctioned for the following Sub-Heads:**
 - Purchase of Books and / or subscription of journals
 - Contingency
 - Travel and/ or Field Work, not including travel for attending seminars, conferences, workshops and training programmes (As per approved RPS Clause iv. Under Nature of assistance).
- All the PI's are requested to send the proposals (with i. detailed specifications of proposed items to be procured and ii. Advance required) addressed to the **Director, RDC Prof. Sunil Kumar Srivastava** (director.rdc@mgcub.ac.in with a cc to osdfinance@mgcub.ac.in), duly forwarded by concerned Head and Dean (**latest by 08.02.2024**). After receipt of the same, a consolidated procurement request will be sent to the Procurement Officer. In case of non-availability on GeM, the Procurement may be done (not exceeding limit in rule 155 of GFR-2017, in each case) through a Local Purchase Committee comprising of the following:
 - Head of the Department (Chairman)
 - Representative of the Dean (Member)
 - PI (Member Secretary)

5. It has been decided to allow re-imburement of registration fee for attending a conference or similar academic/ research related programme, from the contingency component.
6. Further, **it is expected that settlement of advance is done by 20th March, 2024 so that the same may be utilized from the budget under Recurring head of the current financial year.**
7. All the PI's will ensure to utilize the contingency amount, or any amount released to them, only for the specific purpose for which allocation is made, and in strict compliance of GFR-2017 and other applicable rules in the regard.
8. Travel claims will be settled as per University/ GoI rules.
9. All the PI's will have to submit Utilization Certificate in proper proforma after utilization of the advances. Any subsequent release will depend on the utilization certificate.
10. In case of any difficulty or ambiguity, the decision of RDC(with approval of competent authority) shall be final.

This issues with the approval of competent authority.



(Prof. Vikas Pareek)

OSD(Finance)

Copy to:

1. The Concerned PI
2. OSD(Administration)
3. OSD to VC, for kind information to the Hon'ble VC
4. Director(R&D)/Director(Academic Affairs)/Deans/Heads
5. Finance Division, MGCU
6. Website Committee, for uploading on the University website