



**Prof. (Dr.) Sachin M. Pore**  
Professor, Department of Civil Engineering  
Dean (R &D)

No. Dean (R&D)/DBATU-VC-RPG-2023/01

Date: 30/03/2023

**Declaration of List of Proposals Provisionally Shortlisted  
for Funding under DBATU-VC-RPG-2023**

- References:** 1) MoM of FC dated 19/01/2023, circulated on 21/01/2023  
2) MoM of AC dated 19/01/2023 circulated on 13/02/2023  
3) Approval of Hon. Vice Chancellor for Scrutiny of received proposals 17/02/23  
4) Announcement of Call for Proposal circulated to all faculty of DBATU Lonere, all Principals of affiliated colleges and website of DBATU  
5) Approval dated 30/03/2023 for declaration of selection for proposals under DBATU-VC-RPG-2023 by Hon. Vice-Chancellor, Prof. (Dr.) K. V. Kale

It is pleasure, to place on record that in the first attempt to cultivate a quality research culture in DBATU family of faculty, we received **Total - 214 Proposals**. These were scrutinized by selection committee. Shortlisted proposals were granted presentation to panel of expert judges. With reference to no. 5 above, enclosed herewith is the list of proposals provisionally selected for financial grant under DBATU Vice Chancellor's Research promotion Grant (DBATU-VC-RPG-2023). All applicants are hereby directed to submit final copy of DPR to comply inclusion of:

- 1) review by experts after presentation
- 2) planning of research work distributed over 24 months
- 3) planning of allotted grant as distributed over first and second year with details of recurring and non-recurring requirement.

Format for submission of DPR remains as before. It is available on university website under “Research” tab. Applicants shall include full contact details such as name, address, email and cellphone number. DPR completed in all respects shall be emailed to [dbatu.vc.rpg@dbatu.ac.in](mailto:dbatu.vc.rpg@dbatu.ac.in) on or before 21/04/2023. A google form will be circulated to all applicants to collect summary of application. It is requested to note that University is in process to define norms of expenditure under DBATU-VC-RPG. These will be provided very soon and immediately after that 1<sup>st</sup> installment of grant will be disbursed. It is expected that these norms are strictly adhered while making expenditure. After review of performance after one year, there is scope of reappropriation of funds. Good performing projects may be allotted funds from poor performing projects. Sincere congratulations to all researchers and wish you all the best!!

Enclosure: List of selected proposals

Copy to Hon. Vice-Chancellor for kind favor of information.

All Deans,  
All Heads of Department and Section Heads  
All Principals of affiliated colleges

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Professor in Civil Engineering  
Dean (R&D)

**Provisionally Selected Research Proposals for Funding under the  
Scheme DBATU -VC-RPG 2023**

Sr. No.	Branch	Name of Investigators	Email ID	Name of Institute	Title of Proposal	Provisionally allotted Grant
1	Pharmacy	Dr. Sachin Kothawade	sachin.kothawade23@gmail.com	RSM's N.N. Sattha College of Pharmacy, Ahmednagar	Targeted therapy for prostatitis using antibody-conjugated mesoporous silica nanoparticles	315000
2		Dr. Preeti P.Mehta	preetigandhi2007@gmail.com	Navsahyadri Institute of Pharmacy, Naigaon, Nasrapur, Pune	Synthesis, characterization and pharmacological evaluation of novel conjugates of clinically used drug.	315000
3		Dr. Manoj Gangadhar Damale	pharmalink1985@gmail.com	Srinath College of Pharmacy, Ch.Sambhajinagar	Molecular modelling, Synthesis and Biological Evaluation of Novel Inhibitors of aspartate-semialdehyde dehydrogenase of Helicobacter pylori	315000
4		Dr. Mohd Usman Mohd Siddique	palladiumsalt@gmail.com	Shri Vile Parle Kelavani Mandal's Institute of Pharmacy, Dhule	Substrate Based Design and Discovery of Small Molecule CYP1B1 Inhibitors as Anticancer Agents for Hormonal Induced Cancer in Women	315000
5		Dr Vivekkumar K Redasani	vivek.redasani@gmail.com	YSPMs Yashoda Technical Campus, Faculty of Pharmacy, Satara	Design, Synthesis and Pharmacological Evaluation of multiple targeted Anti-Diabetic agents	315000
6		Dr. Rakesh Devidas Amrutkar	rdamrutkar@kkwagh.edu.in	K. K. Wagh College of Pharmacy, Hirabai Haridas Vidyanageri, Amrutdham, Nashik-03	"Design, Synthesis, Evaluation and Computational Studies of Some Quinazolinone analogues as Potential Anticancer Agents"	315000
7		Dr. N. H. Aloorkar	nhaloorkar@gmail.com	Satara College of Pharmacy, Satara	Modification, Characterization and Evaluation of Natural High Performance Stimuli Sensitive Smart Functional Polymers for Pharmaceutical and Food Industry.	315000
8		Dr. B.S. Wakure & Prof Salunke M.A.	balaji.wakure@vdf.in	Vilasrao Deshmukh Foundation, Group of Institutions, VDF School of Pharmacy, Latur 413531	Isolation of anticancer bioactive compounds from the marine seaweeds.	315000
9		Mr. Rohan Phantosh Tembare	rohantembare18@gmail.com	Gourishankar Institute of Pharmaceutical Education & Research, Limb, Satara.	Drug design, Structure Based Pharmacophore modeling, Virtual screening, Molecular docking and ADMET of Anti-cancer agents	200000
10		Dr. Nitin P Jain	nitinpjain06@gmail.com	Rashtrasant Janardan Swami College of Pharmacy	Design by molecular modeling and Synthesis of PPAR $\gamma$ agonist Derivatives for Antidiabetic Activity	315000
11	Comp/IT	Miss Mulla S. Y	samina.mulla27@gmail.com	Arvind Gavali College of Engineering Satara	Text2Query- An automatic question generation system	65000
12		Ashwini Gavli	ashwini.gavli@cssmssengg.org	Chh.Shahu College of Engineering, Aurangabad	Portable tomato sorter using AI and ML	151190
13		Dr.T.A.Chavan	dblokhande@sswcoe.edu.in	Shree Siddheshwar Women's College of Engineering,Solapur	Machine Learning Approach for detecting Human Disease based on Behavioral Parameters	300000
14	EXTC	Mr. Ganesh Dangat	ganesh.dangat@kbpcoes.edu.in	Karmaveer Bhaurao Patil College of Engineering Satara	Digital Notice Board Control and management System	214000
15		Prof. U. V. Bhagat	jagtapu346@gmail.com	FTC College of Engineering & Research Sangola	MIMO antenna in 5G Wireless Communications.	300000
16		Dr.G.A.Kulkarni	girish227252@gmail.com	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	Automated System for Aerial Reforestation	300000
17		Dr. Shrikant Jahagirdar	shrikantjahagirdar@orchidengg.ac.in	NK Orchid College of Engg. & Tech., Solapur	Design and Development of dead body cremation chamber using Biomass Briquettees	300000

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18	Civil	Dr. G. R. Gandhe	saurabhnrkhe@di etms.org	Deogiri Institute of Engineering and Management Studies, Aurangabad, Maharashtra	Composite Grey Water Treatment System for Rural Household	300000
19		Ganesh A. Suryawanshi	gasuryawanshi@ dbatu.ac.in	Dr. Babasaheb Ambedkar Technological University Lonere	Design and Development of Universal Test Rig setup for Pipes	300000
20	Chemical	Dr. Sangeeta Sidram Metkar	sbodekar@dbatu .ac.in	Dr. Babasaheb Ambedkar Technological University Lonere	Analysis of Tulsi (Ocimum Basilicum) Leaves	300000
21	Mechanical	Dr. B. K. Sonage	dipakbhoge85@g mail.com	NK Orchid College of Engg. & Tech., Solapur	Smart building technologies for decarbonaiztion and to enhance energy efficiency in buildings	300000
22		Dr. B. F. Jogi	bfjogi@dbatu.ac.i n	Dr. Babasaheb Ambedkar Technological University Lonere	Study of enginnering aspects of SHIVKALIN weapons	300000
23		Dr. H S Joshi	hsjoshi@dbatu.ac. .in	Dr. Babasaheb Ambedkar Technological University Lonere	Design, Development and Testing of Robot based Library Automation System	300000
24		Prof Sachin B Lahane	profsachinlahane @gmail.com	CSMSS CHH SHAHU COLLEGE OF ENGINEERING AURANGABAD	Fully Automatic Vegetable Trans -planter for Sapling of brinjal, chili, tomato.	300000
25		Dr. Izhak D Paul	izakpaul@gmail.c om	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	Fabrication of Foldable Solar Dryer for Household Purpose	300000
26		Dr. Deepakkumar Himmatrao Patil	deepakpatil285@ gmail.com	CSMSS Chhtrapati Shahu College of Engineering, Chhatrapati Sambhajinagar	Development of continuous flow channel reactor	300000
27		G S Warkhade	gswarkhade@dba tu.ac.in	Dr. Babasaheb Ambedkar Technological University Lonere	The performance investigations of an agriculture engie using Bio-gas produced from locally available elephant graass/herbal waste	300000
28		Dr. Neeraj Agrawal	neerajagrawal@ dbatu.ac.in	Dr. Babasaheb Ambedkar Technological University Lonere	Performance Improvement of a Domestic Refrigerator Using Phase Change Material and nano particles	300000
29		Dr. Dhobe Milind M.	m_dhobe@rediff mail.com	PES COLLEGE OF ENGINEERING , AURANGABAD	Punching/Blanking Tool service life improvement using Heat treatment & cryogenic treatment & digitizing its measurement	300000
30		Electrical	Kaustubha H. Shedbalkar	khshedbalkar@sit coe.org.in	Sharad Institute of Technology College of Engineering, Yadrav Ichalkaranji	Solar PV feeder approach for existing agriculture feeder in Shirol Taluka.
31	Syed Suhail Ahmed		daimi82@gmail.c om	Gramin Technical and Management Campus Vishnupuri, Nanded	Analysis and improvement in aging life of Li-ion Battery	300000
32	Dr. B. M. Nayak		bmnyak.agce@g mail.com	Arvind Gavali College of Engineering Satara	Pyro-cycling: Electricity generation by plastic and dry qarbage waste	300000
33	Humanities	Dr. Amit Shesh	apshesh@dbatu.a c.in	Dr. Babasaheb Ambedkar Technological University Lonere	A survey on Assessment of Perception of Language Acquisition of Stakeholders in the Maharashtra State Technological University & Role of ICT	300000
34	Interdisciplinary	Mr. Ravindra C. Gahane	ravigahane@gmai l.com	Nutan College of Engineering and Research.	Optimizing Pesticide Application in Agriculture.	300000
35		Dr. Sanjay Khobragade	svk2305@gmail.c om	Dr. Babasaheb Ambedkar Technological University Lonere	Green Infrastructure and Connectivity to Remote Habitations for Tribal Community	300000