



Bharatiya Vidya Bhavan's

SARDAR PATEL COLLEGE OF ENGINEERING

(Government Aided Autonomous Institute)

Munshi Nagar, Andheri (W) Mumbai – 400058



Summary of Seed Money Proposals under TEQIP-III

Under seed money grant of TEQIP-III, the following research proposals from investigators have been received. The consolidated summary of research proposal is tabulated below:

Sr. No.	Principal Investigator /Co.- PI	Title of Research Proposal	Sanctioned Amount (Rs.)	Proposal Under Twinning	Remarks
Department of Electrical Engineering					
1	Dr. B. B. Pimple/ Mr. Vishal Dake	Modeling, Analysis and hardware implementation of DC Charger for electric vehicle	1,05,000/-	No	Approved
2	Dr. Swati Lavand	Development of Experimental set up for numerical Relay Emulator.	70,000/-	No	Completed
Department of Mechanical Engineering					
3	Dr. Santosh B. Rane	Modeling of Green Packaging for Automotive Supply Chain Management by MCDM Tool	51,000	No	Approved
4	Dr. Santosh B. Rane/Dr. Raj Kumar Singh	Investigation of Mechanical, thermal and tribological properties of Al 6061 using graphene reinforcement	43,000	Yes	Approved
5	Mr. Haseen Shaikh/Dr. Puneet Kumar Singh	Development of setup for optimization of machining parameters and development of correlation model between surface integrity and thermal characteristics during machining of special super alloy	1,00,000	Yes	Approved
6	Mr. Sharad Valvi/ Dr. Puneet Kumar Singh	Design and manufacturing setup of sea water distillation, using concentrated solar energy (Fresnel lens)	40000	Yes	Approved
Department of Civil Engineering					
7	Dr. Hansa Jeswani	Development of filter using Previous concrete for surface water filtration	1,00,000	No	Approved
8	Dr. Reshma Raskar	Techno-social-economic assessment of Briquetting Cotton Stalks	1,00,000	No	Approved
9	Dr. Anil Ghadge	Development of Bio-electrochemically assisted microbial reactor to reduce air pollution and energy recovery from wastewater	1,00,000	No	Approved
10	Dr. A. R. Kambekar	Flood Hazard Assessment using Hydrological simulation model	1,00,000	No	Approved
11	Dr. M. M. Murudi	Parametric Study of Durability of High Performance Concrete with Crush Sand as Fine Aggregate	1,00,000	No	Approved
First Year Engineering					
12	Dr. Jayram Gholave	Solid Phase Extraction of some typical d-block and f-block Elements	1,00,000	No	Approved

Mumbai University Minor Research Grant in 2017-18

Dr. Prashant Nagrale, Dr. R. S. Maurya, Dr. Kiran Bhole and Prof. Haseen Shaikh received Minor Research Grant from Mumbai University for Rs. 25000/-, Rs. 30,000/-, Rs. 35,000/- and Rs. 40,000/- respectively.

Mumbai University Minor Research Grant in 2018-19

Dr. A. R. Kambekar, Dr. Jayram Gholave, and Dr. Sangeeta Daingade received Minor Research Grant from Mumbai University for Rs. 50000/-, Rs. 40,000/-, and Rs. 35,000/- respectively.

Dr. Kiran Suresh Bhole
Dean (R&D)