

(a) Minor Research Grant (March 2022 to September 2022)

Research Grant Applied During 2022-23 for Project Proposal to Mumbai University – NIL

Due to pandemic, the minor research grant project proposal reports of AY 2019-20 got submitted by 31st December 2021 to the Mumbai university.

(b) Major Research Associateship and Projects:

- 1) Dr. Adil Sheikh, project titled "Achieving Decarbonisation and Power Load Management through Smart Building Energy Management System: A model-free approach " has been approved by Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**.
- 2) **Tata Power Project** on making robot for cleaning insulator is procured by team Abhiyantra under the EESA.

(c) Institutional Research Proposals for AY. 2021-22

Nine research projects for the A.Y. 2021-22 from all the departments (02 from Electrical department, 02 from EXTC, 01 from IT, 03 from CMPN, and 01 from FE department) are on the verge of completion by the end of Dec 2022. The status of the projects are as below:

Sr. No.	Name of PI	Title of Project	Duration	Amount sanctioned (if any)	No of students Involved	Status of completion in %
CMPN						
1	Ms. Jayashree Mittal, Ms. Varsha Srivastava	Exam seat allocation	1 Year	Nil	Nil	50 %
2	Ms. Ankita Karia, Ms. K. Priya	Inventory management system		Nil	Nil	100 %
3	Mr. Shamsudin Khan, Ms. Nidhi Gaur	Automation of Exam Result Generation		Nil	Nil	60 %
INFT						
1	Dr. Vaishali Jadhav	Automation of Exam Result Submission	1 year	Nil	Nil	80 %
EXTC						
1	Ms. Snehal Lopes	Demo Kits for Optical Communication Lab	1 year	10,000	No	100 %
2	Ms. Pallavi Patil	Demo Kits for Basic Electrical Engineering Lab	1 year	5000/-	No	100 %

MECH - NIL						
ELEC						
1	Ms Josna Jose	Design and implementation of bidirectional converter used in Electric vehicle	1 year	Nil	Nil	30%
2	Mr. Pratik Rahate	Implementation of transformer less inverter.	1 year	Nil	Nil	30%
FE						
1	Mr. Mohd Faiz	Departmental Research Project Proposal submitted on “Benchmarking of students allotted in CAP with other colleges”	6 months	Nil	Nil	100%