



Department of Electrical Engineering

Mini Project-I Details -Academic Year- 2025-26

GROUP NO.	ROLL NO.	NAME OF THE STUDENT	Title of the Project	Category (Internal/ External)	Name of the Guide	Category-II Application/Product/ Research	SDG Mapped
1	4024158	AMOGH PRASAD THORVE	Active cell balancing for reuse of EV battery	Internal	Prof. Sreedevi Nair	Application research	SDG 7 SDG 12 SDG 13
	4024102	ALLAN THOMAS					
	4024103	YASH SATISH BANDKAR					
	4024130	MOHAMMED ARSHAD ABBAS					
2	4024152	ANANYA SOMWANSHI	Smart Alcohol & Face-Enabled Engine Restrictor	Internal	Prof. Sreedevi Nair	Application research	SDG 3 SDG 11
	4024146	SUJIT SAINDANE					
	4024147	RIYA SALUNKHE					
	4024148	SOHAM S SAWANT					
3	4024116	SANIKA MANGESH JADHAV	Design and Development of MPPT for Portable Solar EV Charger	Internal	Prof. Sreedevi Nair	Application research	SDG 7 SDG 9 SDG 13
	4024138	SHREYAS DATTATRAYA PAWAR					
	4024141	POORVI HAREESHKUMAR SANU					
	4024159	ALBIN SHEEJU VARGHESE					
4	4024142	OM ARVIND POPHALE	Next-Gen Multi-Channel Energy Meter with High-Resolution Analytics and Fault Protection	Internal	Prof. Sreedevi Nair	Application research	SDG 7 SDG 9
	4024117	JAISWAR KRISHNA RAKESHKUMAR					
	4024113	GILBILE DARSHIL KUMAR					
	4024144	AVNISH PRAVIN RAUT					
5	4024119	TANISH AMIT KARPE	Power Theft Detection in Energy meter using IoT	Internal	Prof. Divya S.	Application research	
	4024124	ANUSHKA SWANAND KULKARNI					



	4024127	RUCHA SACHIN MANORKAR					SDG 7 SDG 16
	4024157	PRITHVIRAJ UDAY THORAT					
6	4024105	KRISH VISHAL BILAGI	Gas Leakage Detection System with Call and SMS alert with exhaust fan and buzzer	Internal	Prof. Divya S.	Application research	SDG 3 SDG 11
	4024101	AKHILESH RAMASAMY					
	4024153	KULJIT SINGH SUDAN					
	4024126	MAHIR BENBANI					
7	4024112	SHIVAM SUNIL GHARAT	Smart load control for EV charging	Internal	Prof. Divya S.	Application research	SDG 7 SDG 11 SDG 13
	4024110	VAIDEHI SUHAS DHAVAN					
	4024129	AALOK YOGESH MISHRA					
	4024134	SOHAN SANDIP PATIL					
8	4024111	PRASHANT RAJU GADWE	Automated Fall and Crash Detection System	Internal	Prof. Divya S.	Product research	SDG 3 SDG 11
	4024122	JAY MANOHAR KOLEKAR					
	4024155	MAITREY SANTOSH SURYAWANSHI					
	4024156	SAUMYA RAVINDRA SURYAWANSHI					
9	4024162	PURVA PRASHANT ZALTE	Sensor guided smart floor cleaner for domestic automation	Internal	Prof. Abhishek S.	Product research	SDG 9 SDG 11
	4024132	ARYA PADALKAR					
	4023113	PARTH JAISWAL					
	4024133	ARYAN ARUN PATIL					
10	4024114	SIDDHI HULGE	Gesture controlled cleaner: Assistant robot with obstacle detection and voice interaction	Internal	Prof. Abhishek S.	Product research	SDG 9 SDG 11
	4024120	ATIF KHAN					
	4024121	NUMA KHAN					
	4024139	HARSH PEDAMKAR					
11	4024106	SIDDHARTH BOSE	Temperature controlled fan integrated with fire detection system	Internal	Prof. Abhishek S.	Application research	SDG 3 SDG 11
	4024109	TANMAY UDDHAV DESAI					
	4024131	VIRESH BABURAO MORE					
	4024115	JAYESH JADHAV					
12	4024118	HRIDYA JEJURKAR		Internal	Prof. Abhishek S.	Product research	



	4024125	TANISHKA LOLAGE	Qualification and Quantification of light				SDG 9 SDG 7
	4024143	ANISHA RANE					
	4024150	DHRUTA SHINDE					
13	4024151	YASH PRITHVIRAJ SHINDE	Automatic Power Factor Correction (APFC)	Internal	Prof. Seema Jadhav	Application research	SDG 7 SDG 9
	4024160	DHRUV NISHANT VYAS					
	4024161	PRIYANSHU UMESH WAGHELA					
	4024140	SHUBHANKAR PHULPAGAR					
14	4024104	MANAS BAVISKAR	Automated waste segregator	Internal	Prof. Seema Jadhav	Product research	SDG 11 SDG 12
	4024107	SIDDHARTH CHALWADI					
	4024108	SANCHITA CHOUDHARI					
	4024123	BHAKTI KOLTE					
15	4024136	YASH JAGDISH PATIL	Load-Stable Multi-Rail SMPS for Embedded Systems.	Internal	Dr. Mini N.	Application research	SDG 7 SDG 9
	4024134	KARTIK LAXMAN PATIL					
	4024137	PRATIK RAVINDRA PAWAR					
	4024149	SAYYED ALI ALTAF					
16	4024166	AJITH P. NARENDRAN	Automatic load sharing of transformers	Internal	Dr. Mini N.	Application research	SDG 7 SDG 9
	4024168	SHAIKH ASHAR TANVIR					
	4024169	YASH PRAMOD TADAKHE					
	4024170	PRACHI PATRA					
	4024171	YADNESH RANGNATH SHENKAR					
17	4024163	SIDDHI DNYANESH GOSAVI	Automated defence system	Internal	Dr. Mini N.	Application research	SDG 9 SDG 16
	4024164	PAIS OLIVER WINSTON					
	4024165	SIYA MANGESH TEMBULKAR					
	4024167	MADHUBALA LAXMAN GHOLAP					
	4024154	SAMIKSHA SUNIL SURYAVANSHI					



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

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**Name and Signature of
Project Coordinator**

Abhishek Shiwalkar

**Name and Signature of
Head of the Department**

Dr. Mini Rajeev