

**Fr. C. Rodrigues Institute of Technology, Vashi**

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

Department of Electrical Engineering
Mini Project-I Details -Academic Year- 2025-2026

GROUP NO.	ROLL NO.	NAME OF THE STUDENT	Title of the Project	Category (Internal/ External)	Name of the Guide
1	4024158	AMOGH PRASAD THORVE	Active cell balancing for reuse of EV battery	Internal	Prof. Sreedevi Nair
	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
	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
	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
	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.
	4024124	ANUSHKA SWANAND KULKARNI			
	4024127	RUCHA SACHIN MANORKAR			
	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.
	4024101	AKHILESH RAMASAMY			
	4024153	KULJIT SINGH SUDAN			
	4024126	MAHIR BENBANC			
7	4024112	SHIVAM SUNIL GHARAT	Smart load control for EV charging	Internal	Prof. Divya S.
	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.
	4024122	JAY MANOHAR KOLEKAR			
	4024155	MAITREY SANTOSH SURYAWANSHI			



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	4024156	SAUMYA RAVINDRA SURYAWANSHI			
9	4024162	PURVA PRASHANT ZALTE	Sensor guided smart floor cleaner for domestic automation	Internal	Prof. Abhishek S.
	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.
	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.
	4024109	TANMAY UDDHAV DESAI			
	4024131	VIRESH BABURAO MORE			
	4024115	JAYESH JADHAV			
12	4024118	HRIDYA JEJURKAR	Qualification and Quantification of light	Internal	Prof. Abhishek S.
	4024125	TANISHKA LOLAGE			
	4024143	ANISHA RANE			
	4024150	DHRUTA SHINDE			
13	4024151	YASH PRITHVIRAJ SHINDE	Automatic Power Factor Correction (APFC)	Internal	Prof. Seema Jadhav
	4024160	DHRUV NISHANT VYAS			
	4024161	PRIYANSHU UMESH WAGHELA			
	4024140	SHUBHANKAR PHULPAGAR			
14	4024104	MANAS BAVISKAR	Automated waste segregator	Internal	Prof. Seema Jadhav
	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.
	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.
	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.
	4024164	PAIS OLIVER WINSTON			
	4024165	SIYA MANGESH TEMBULKAR			
	4024167	MADHUBALA LAXMAN GHOLAP			
	4024154	SAMIKSHA SUNIL SURYAVANSHI			



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**Name and Signature of
Project Coordinator**

Abhishek Shiwalkar

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

Dr. Mini Rajeev