



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi
(An Autonomous Institute & Permanently Affiliated to University of Mumbai)
Department of Electronics and Telecommunication

TE MP2A Mini Project AY 2025-2026
Project List SH-2025 /FH-2026

Gro up No.	Roll No.	Name of the Student	Title of the Project	Type- Internal / External	Name of the Guide/s	Category- Application/ Product/Res earch	SDG Mapped
1	3022130	Manisha R Kunder	IoT-based Smart System for Fall Detection of Elderly People	Internal	Prof. Akshata Raut	Product	SDG 3: Good Health & Well- being
	3023166	Gavhane Vedant S					
	3023170	Parag Dhumal					
	3023171	Thokale Anil					
2	3023128	Kapadne Soham	Multi-Utility Wall Climbing Cleaning Robot	Internal	Prof. Akshata Raut	Product	SDG 9: Industry, Innovation & Infrastructure
	3023130	Sakib Khan					
	3023169	Suhaani Kadam					
	3023172	Shreya Vyavahare					
3	3023102	Anvekar	Precision Fire Extinguishing System	Internal	Prof. Yogesh Chandurkar	Product	SDG 11: Sustainable Cities & Communities
	3023110	Dhiraj Borse					
	3023141	Samyukta c Menon					
	3023165	Aryan Bodke					
4	3023116	Sarvesh Gade	SAR (Search and Rescue) Drone	Internal	Prof. Akshata Raut	Product	SDG 11: Sustainable Cities & Communities / SDG 9: Industry, Innovation & Infrastructure
	3023147	Ayush Padalkar					
	3023157	Ronit Sinkar					
	3023163	Ujwal Zope					
	3023137	Atharva Ludbe					
5	3023127	Aryan Kadam	Design of High Precision Clock using FPGA	External	IISER Mohali Internal Guide- Prof. Asmita Chavan External Guide- Dr. Shashikant Dugad	Research	SDG 9: Industry, Innovation & Infrastructure
	3023131	Mrunmayi Khedkar					
	3023139	Ridhi Maniyar					
	3023161	Joshua Thomas					
6	3023151	Reuben Prasad	Smart EV Charging Platform with IoT-based Monitoring and OCPP Communication	Interdiscip linary	Prof. Tejaswita Jagtap	Product	SDG 7: Affordable & Clean Energy
	4023118	Aditya Menon					
	4023120	Vedant More					
	4023124	Vedant Patare					
7	3023125	Janhavee Jaware	Autonomous Indoor Navigation Using Thermal- inertial Odometry with Implementation on FPGA	External	IIT Dharwad Internal Guide- Prof. Jennifer External Guide- Mr. Ameer Mulla	Product	SDG 9: Industry, Innovation & Infrastructure
	3023129	Alfred Kerketta					
	1023208	Shifa Mulla					
	1023253	Siddiqui					
8	3023149	Sourav Patra	Option Strategy Engine	External	InfinityPool Finnotech Pvt. Ltd Internal Guide- Dr. Megha Kolhekar, Prof. Chetna Badgujar External Guide- Mr. Akshay Kunkulol, Dr. Shashikant Dugad	Application	SDG 8: Decent Work & Economic Growth
	1023219	Nikita Patil					
	1023257	Shreyas Thale					
	5023141	Pranati Arun					

9	3023140	Mayoogh Manoj	UAVs for Surveillance of Suspicious Activities	Interdisciplinary	Prof. Tejaswita Jagtap (EXTC) Prof. Dr. M Kiruthika (COMP)	Product	SDG 11: Sustainable Cities & Communities
	3023145	Mihir Naik					
	3023146	Nikhil Sajan					
	1023142	Joel Paulson					
10	3023107	Vansh Bhopi	Semi-autonomous Airduct Monitoring Bot	Interdisciplinary	Prof. Tejaswita Jagtap (EXTC) Prof. Chetna Badgujar (COMP)	Product	SDG 9: Industry, Innovation & Infrastructure
	1023203	Merin Rose George					
	1023225	Arpit Pawar					
	1023259	Azeem Usmani					
11	3023134	Nancy J Koonikkara	Silent Voice: A Smart Glove used to Translate Sign Language into Speech	Interdisciplinary	Prof. Tejaswita Jagtap (EXTC) Prof. Neelam Joshi (COMP)	Application	SDG 10: Reduced Inequalities
	3023154	Sharon Mary Saji					
	1023124	Deril Davis					
	1023258	John Prince Theroth					
12	3023114	Arya Dagare	SoundSync Therapeutic Pulse Generation System	Internal	Prof. Yogesh Chandurkar	Product	SDG 3: Good Health & Well-being
	3023132	Sahil Khopkar					
	3023136	Tanvi Kulkarni					
	3023144	Ratika Nadar					
13	3023103	Bansode Samrudhi	Fluency Path by AI Speech Trainer	Internal	Prof. Yogesh Chandurkar	Application	SDG 4: Quality Education
	3023109	Preet Bhusare					
	3023133	Kolli Satvika V					
	3023162	Wethekar Sharvari A					
	3022103	Bardhan Sharon					
14	3023113	Vaishna Choondayil	AI-Driven Predictive Intelligence for CGM	Internal	Prof. Yogesh Chandurkar	Research	SDG 3: Good Health & Well-being
	3023135	Sankit Koul					
	3023167	Sanika Jadhav					
	3023168	Sweta Jadhav					
15	3023122	Harsh Jaiswal	ResQ-BIST: FPGA-based Built-in Self-Test with LSTM-driven Solder Joint Fault Prediction	Interdisciplinary	Dr. Prasad Kulkarni (EXTC)	Research	SDG 9: Industry, Innovation & Infrastructure
	3023123	Sujal Jaju			Dr. Dhananjay (MECH)		
	1023206	Sharon Mishra					
	1023230	Siddhen Pise					
16	3023115	Soham Dhole	RF Energy Harvesting System Using Rectenna	Internal	Prof. Akshata Raut	Product	SDG 7: Affordable & Clean Energy
	3023150	Arpita Pawar					
	3023158	Nehal Sonawane					
	3023159	Mrunmayee Tamse					

17	3022124	Aayush Kathole	AI-Powered Mental Health Chatbot	Internal	Prof. Yogesh Chandurkar	Application	SDG 3: Good Health & Well-being / SDG 8: Decent Work & Economic Growth
	3023142	Harsh Mhatre					
	3022147	Pranavi Ponnaganti					
	3023152	Ronit Sali					
18	3023173	Prachi Ashok Pawar	VR/AR Chatbot for Financial Help in Indian Languages	External	InfinityPool Finnotech Pvt. Ltd Internal Guide- Dr. Megha Kolhekar, Dr. Mukta Nivelkar, Prof. Rahul Jadhav External Guide-Mr. Akshay Kunkulol , Dr. Shashikant Dugad	Application	SDG 8: Decent Work & Economic Growth
	5023165	Arjun Varshney					
	1023204	Aarya Mhatre					
	1023209	Allen Nadar					
19	3023111	Atharva Chavan	EleAlert: A Smart System for Human-Elephant Conflict	Internal	Prof. Yogesh Chandurkar	Product	SDG 15: Life on Land
	3023121	Herambh K Jadhav					
	3023155	Prathamesh Shinde					
	3023156	Siddhi Shinde					
20	3023101	Aishwarya Shaji	Robotic Arm for Construction Painting	Internal	Prof. Akshata Raut	Product	SDG 9: Industry, Innovation & Infrastructure / SDG 11: Sustainable Cities & Communities
	3023117	Kush Gaikwad					
	3023119	Arya Godase					
	3023120	Arnab Goswami					
21	3023104	Soham Beloshe	Smart Railway Track Crack Detection Bot	Internal	Prof. Akshata Raut	Product	SDG 9: Industry, Innovation & Infrastructure / SDG 11: Sustainable Cities & Communities
	3023106	Sujal Bhoir					
	3023138	Roshan Malla					
	3023160	Vedant Tavhare					
22	3023108	Shubham Bhosale	Cap of Clarity: AI-based Currency Recognition System	Interdisciplinary	Prof. Tejaswita Jagtap (EXTC) Prof. Nupur Gaikwad (COMP)	Application	SDG 10: Reduced Inequalities
	3023118	Aditya Gite					
	3023126	Niraj Kachare					
	1023237	Sairaj Sabale					
23	3023143	Yash Mitkari	Phoenix: Fire Rescue Assistant Robot (Stability in Motor Failure)	Internal	Phoenix , IIT Dharwad Internal Guide- Dr. Megha Kolhekar, Prof. Jennifer Issac External Guide- Dr. Ameer Mulla	Product	SDG 11: Sustainable Cities & Communities / SDG 9: Industry, Innovation & Infrastructure
	3023153	Pradnya Sawant					
	3023148	Deep Patil					

Project Coordinator

Prof. Yogesh Chandurkar
PProf. Tejaswita Jagtap

Head of the Department