



## Department of Electronics & Telecommunication Engineering


### Mini- Project list 2025-26

Sr. No.	Name of the students	Project Name
1	Siddhant Chatur Sarbhak Chikte Aryan Basnet	Dual BMP 280 based variometer
2	Monesh Borole Aniket Dafare Gauri Amale	Smart Electric Fence System
3	Aditya Dahake Anjali Bhamare Aarya Bharaskar	IoT Based Aquaculture Water Quality Monitoring System
4	Yash Bhujbal Varad Chopade Sanket Chavan	Automatic Greenhouse Monitoring
5	Swaraj Chavan Abdul Razzaque Angadgiri Shivam Borane	Smart Waste Segregation System
6	Sahil Awasare Atharav Borate Atharva Bobade	"LoRaWAN-Based IoT System Implementation for Long-Range Outdoor Air Quality Monitoring"
7	Naresh Choudhary Priya Chavan Trupti Choudhari	Real time map based AQI monitoring system
8	Krupali Bhagat Bhakti Bhanage	—
9	Hitanshu Giri Pranjal Doijad GHAYWAN PRASHIK P.	MECHANICAL & STRUCTURAL DESIGN
10	Siddharth Dere Naman Dugad Pranav Deshpande Omkar Gadilkar	PROPULSION SYSTEM & AUTONOMOUS NAVIGATION

11	Yash Date Piyush Gawali Parth Hudli	POWER MANAGEMENT SYSTEM
12	Rutuja Deshmukh Dhanashree Pawar Dhanashri Dhotre	FLIGHT CONTROLLER & GPS SYSTEM
13	Trusha Dalvi Rajvardhansinh Deokar Nilaya Desai	AI VISION PROCESSING & ACTIVE TARGET TRACKING
14	VEDANT HARIHAR SAYALI JADHAV GUNDAMWAR BHARGAV.	COMMUNICATION, TELEMETRY & CLOUD-BASED DETECTION LOGGING
15	Sakshi Gaikwad Shree Gulumbe INGOLE ASHVINKUMAR S.	OBSTACLE DETECTION & NAVIGATION LOGIC
16	Jadhav Vedant Dnyandeo Jagdale Pranay Popat Jagtap Sanket Kailas	Robo Serve (Robot Structure & Design )
17	Kolhe Harshada Kishor Kulkarni Shrawani Pawar Khedekar Shrushti Vilas	Robo Serve (Robotic Arm Structure )
18	Kanade Dakshayani Prashant Langote Priyadarshani Manohar	Robo Serve (Raspberry Pi + Face recognition + Voice Integration + AI Module )
19	Kalyani Sakshi Shivanand Mulani Mehwish Imtiyaz Pawar Shravani Dhananjay	Robo Serve ( Raspberry Pi Arm Integration )
20	Jagtap Sanket Manoj Kale Shruti Ajit Kasale Swaraj Milind	Robo Serve (Line Follower + Control Unit + Uart Communication)
21	Jain Riya Sandip Nagre Ruchira Shrikisan Khose Pratik Bhausaheb	Robo Serve (Infrared Sensing Unit + Bottle management )
22	Lokhande Pushkar Amol Patil Aditi Tanaji Pillay Tanvi Sachin	Robo Serve(Obstacle Detection + Design Flow + Block Diagram)
23	Khobragade Rajeshwari Milind Wattamwar Sanskruti Viraj	Robo Serve (BMS + Motor Driver )
24	Vedant badave Sanket Gadge Devidas Kulkarni	Solar powered grass cutter

25	Chaitanyarekha Goneguntla Poonam Mahadik Nayesha Nayak	Car accident detection and alert system using ESP32
26	Shreya kulkarni Devashree Mendulkar Pranjal Nagargoje	Portable bluetooth printer
27	Rachana Mahangare Tithi Mehta Hrushikesh Pandarkar	Portable hardware encryption device
28	Sakshi D Mankar Prajakta Mhatugade Palak Mohite	Dynamic Signal Light Timing Based on Traffic Density
29	Shreya Mirge Sanjana Nagle Nithin Jothi	Hand Gesture Controlled Wheelchair for Disabled People
30	Gauri Meher Nikhil kawade shrawani pachang	All in one robot (obstacle detection)
31	Aditi singh Vedant Kasat Aditya Mogali	Dual-Axis Solar Tracker
32	Tanmay Pedamkar Vinit Patil	Industrial Parameter Monitoring and Controlling System
33	Piyush Parihar Atharv Satpute Rajlaxmi Patil	Neuromorphic vision system
34	Mohit Relekar Prathamesh Patil Prathamesh Panhale	Water flow detection and analysis using esp32
35	Prajwal Pawar Yash Rajdeep Yash Phegade	Bluetooth Based Home Automation
36	Nupur Patil Mrudul Satdeve Shreya Sawant	SOLAR OPERATED BATTERY MANAGEMENT SYSTEM
37	Riddhi Manishsingh Parihar Pranjal Mahendra Rane	Foot Step Power Generation using ESP32 for Mobile Charging Application
38	Diptanshu Patil Harshal Patil Pranav Patil	Adaptive vehicle headlight system using esp32
39	Neha Patil	LiveStock Health Monitoring System Using

		ESP32
40	Manorama Dattaprasad satpute Hrutika Sawant Sanchita Rajude	Women safety device - using gsm , gps and lora
41	Arpita Shinde Isha Unta Swasti Yambal	Sun Tracker Solar Panel System
42	Kapil Shetkar Varad Wajage Soham Wanzkhede	The Smart Hand Glove Controlled Wheelchair
43	Arpita Thorat Srushti Walunj Aishwarya Yande	Alcohol And Drowsiness Detection with wheel lock system
44	Shreyash Shetty Shantanu Uchade Manthan Wani	RFID Based Attendance System
45	Rajith Shetty Rajwardhan Thakur Sarthak Thipase	Accident Detection And SOS System
46	Umesh Sirvi Atharv Sutar Vedant Zade	Real Time Farm Advisor
47	Harshad Shelake Mohit Suryawanshi Mahesh Shinde	ECG signal analysis using MATLAB
48	Sourabh Bokade Vaishnav Shinde Aayush Waghmare	Smart Traffic Light Management System Using Ultrasonic and RFID Sensors

  
 Dr. M. S. Vanjale  
 HOD (E&TC)