

**Modern Education Society's Wadia College of Engineering Pune**  
**Department of Electronics and Telecommunication Engg.**  
**Project List AY 2025-26**

<b>G No</b>	<b>Name of Students</b>	<b>Domain Name</b>	<b>Name of Guide</b>	<b>Title of the project</b>
1	Vighnesh Khichade	VLSI	Dr. K.S.Tiwari	Vedic Mathematics Driven Reversible ALU for Low-Power Applications
	Riya Mahajan			
	Tanush Mazumdar			
2	Sameer Bhutada	VLSI	Dr. K.S.Tiwari	FPGA implementation of Floating Point multiplier using Vedic Mathematics
	Aarya Patil			
	NA			
3	Ruchika Patil	VLSI	Dr. K.S.Tiwari	Performance Analysis of Sequential Circuit Using Reversible and Irreversible Logic
	Pradnya Gumaste			
	Gayatri Jagtap			
4	Swaraj Bhagwat	AI	Dr. M.M. Dhanvijay	Career Guidance Using an AI Chatbot
	Suyash Jagtap			
	Samruddhi Bhujbal			
5	Mansi Gangawane	VLSI	Dr. M.M. Dhanvijay	Mesh Bluetooth
	Snehal ghawant			
	NA			
6	Shraddha Mirkhalkar	AI/ML	Dr. M.M. Dhanvijay	XAI-Driven PLC & SCADA for Smart Solar
	Sweta Mirgane			
	Krishna Rampariya			
7	Saniya Vikas Gharge	Data Science	Dr. M.P.Dale	Society Guard AI - smart access and visitor management residential
	Shreya Sanjay Kakade			
	Krishna Rajnath Mantoo			
8	Yashaswini Deshpande	AIML	Dr. M.P.Dale	Illegal ship detection and tracking in economic exclusive zones
	Radhika Jagdale			
9	Anjali Shirsat	Embedded systems	Dr. M.P.Dale	Smart Electric Vehicle Battery Power Alteration in Hill Climb Conditions Using AI and IoT
	Samruddhi Gujar			
	Manasi Jagtap			
10	Hrujata Gitay	Embedded System	Dr. P.B. Chopade	Smart iot based wireless automation system
	Moin Khan			
	Sakshi Parve			

11	Shrinivas Keshavrao Mane	IOT	Dr. P.B. Chopade	Door Lock System Using IOT and Android
	Vishal Shriram Rewaskar			
	Aryan Manoj Kasar			
12	Gaurav Phadtare	Embedded systems	Dr. P.B. Chopade	design and implementation of DRL, position, turn Lamp
	Prarthana Tiwari			
	Nishant Dhavale			
13	Pranali Anil Magdum	Other	Dr. P.N. Kota	Web Scraping
	Pragati Balaso More			
	Atharva Sandeep Jadhav			
14	Japkar Rutuja Mitthu	Embedded systems	Dr. P.N. Kota	Topper Mentor System
	Sakshi Dinkar Khandekar			
	Tushar Narsing Khose			
15	Sneha Sopan Aghav	Other	Dr. P.N. Kota	Emotion detection using EEG signal and Thermal camera
	Vaishnavi Satish Patil			
	Anmol Pandita			
16	Jagruti Pankaj Zunjarrao	Embedded systems	Dr. P.P. Mane	Digital Assurance: Automated Testing for Next-Gen Annunciator Products
	Akshata Abaso Sutar			
	Jayant Patil			
17	Varad kadam	Machine Learning	Dr. P.P. Mane	LeetPeers — a collaborative platform for coding, tracking progress, and learning with peers.
	Nikita Choudhary			
	Harshwardhan kachole			
18	Sakshi Satish Mirajkar	AI	Dr. P.P. Mane	<b>Text to image generation</b>
	Riddhi Swarup Waghmode			
	Saurabh Paliwal			
19	Siddhant Dhamdhare	Other	Dr. P.P. Mane	SAAS Platform for MESWCOE
	Rohnit Gitay			
20	Sparshika Lande	IoT	Dr. R.S. Kadam	Wireless Surface Vehicle for Aquatic terrain and Environmental Monitoring
	Ankita Raut			
	Arshad Kureshi			
21	Aishwarya Vijay Kale	Other	Dr. R.S. Kadam	Explainable Deep Learning model for Brain Tumor Detection and Classification Using MRI Images
	Tanmay Pramod Tawade			
	Sakshi Kishor Bedekar			
22	Sanjana Atul Chidrawar	AI	<b>Dr. R.S. Kadam</b>	<b>Ai based emotion detection robot</b>
	Pranali Mukundrao Patil			
	Samruddhi Anand Doke			
23	Rushikesh Gaykhe	IoT	<b>Dr. S.N. Dharwadkar</b>	<b>AI-Integrated ERP System for Smart Resource and Operations Management</b>
	Sarthak Jadhav			
	NA			

24	Vishal Patil	Embedded systems	<b>Dr. S.N. Dharwadkar</b>	Modi Lipi To Devnagari Conversion System Using Deep Learning
	Aditya Pagar			
	Tanmay Bhosale			
25	Chaudhari Disha Dinesh	Embedded systems	Dr. S.N. Dharwadkar	Music Recommendation Based on Facial Expression
	Dhawale Yuvraj Rahul			
	Khandave Sakshi Sudam			
26	Dev Ratanchand Jain	Embedded systems	Dr.P.M. Bagul	Real-time Vehicle-to-Vehicle (V2V) Communication System for enhanced road safety
	Karan singh Thakur			
	None			
27	Sujal Ghuble	Embedded systems	Dr.P.M. Bagul	Adaptive tuning / Fuzzy logic in temperature controller
	Sia Yadav			
	Ayush Raut			
28	Sumedh Mahesh Kasture	IoT	Dr.P.M. Bagul	Cerebro-Connect: Wireless Electrocardiography Platform
	Rajnath Prasad Kavathekar			
	Amogh Avadhut Ghare			
29	Vedant Kevatkar	IoT	Prof. A.S. Kulkarni	AI Enhanced Signal Transducer Auto-Calibration
	Yash Mehra			
	Atharv Shripad Parab			
30	Pavan Ramesh Kodlinge	Embedded systems	Prof. A.S. Kulkarni	Arc Detection System using Fuzzy Logic
	Mohit Manikkule			
31	SWET KUMAR	Machine Learning	Prof. A.S. Kulkarni	Fake Post detection on social media
	BHARAT BALBHADRAPR			
	NA			
32	Viraj Khot	Other	Prof. B. M. Narute	One Labelling Standard, Many Devices: Horizontal Automation for Compliance and Control
	Amod Deshmukh			
	Vedant Golait			
33	Dhruv Subandh	Other	Prof. B. M. Narute	IoT-Integrated Smart Battery Management System
	Vishwajeet Sutar			
	Parth Pawar			
34	Vedant kulkarni	Other	Prof. B. M. Narute	AI-Based Mock Interview Assistant
	Kartik Kale			
	Shubham Chitalkar			
35	Kunal G Patil	IoT	Prof. N. Yusufzai	vehicle to vehicle and traffic light communication
	Sachin K Patil			
	Mayur S Raut			
36	Shruti Yelne	Other	Prof. N. Yusufzai	Key Cloning of Vehicle Key Fob using SDR and
	Abhinav Deshmukh			
	Pranav Biradar			

37	Swayam kale	Machine Learning	Prof. P.S.Tondewad	AI Travel Planner
	Siddesh Barne			
	Varad pise			
38	Shubham Gawade	Other	Prof. P.S.Tondewad	Smart Waste Segregation & Recycling Assistant
	Adiraj dhare			
	Omkar Jagtap			
39	Mohan Chavan	Machine Learning	Prof. P.S.Tondewad	Satellite image classification using svm
	Narhari Chavan			
	Yash sonone			
40	Saad Peerzade	IoT	Prof. S.S.Pansare	Multichannel Industrial Data Logger
	Vighanesh Dalvi			
	Krsihna Rashinkar			
41	Vishal Sahu	AI	Prof. S.S.Pansare	AI at Work: Turning Human Know-How into Digital Intelligence
	Aishwarya Kharade			
	Shivani vishwakarma			
42	Kashinath Digambar Kesari	Other	Prof. S.S.Pansare	Automated Parsing, Ranking, and Matching Resumes for Both Recruiters and Candidates
	Samarth Sanjaykumar Mh			
	Drup Murlidhar Aherwar			
43	Himanshu Machhindra Patil	IoT	Prof. U.D. Dattasamje	Voice-Controlled Pattern-Reconfigurable WLAN Antenna.
	Jagruti Diwakar Dhawale			
	Shweta shankar shelke			
44	Krupali Shrikant Waghmare	AI	Prof. U.D. Dattasamje	Smart Lesson Generator
	Sandesh Shahu Patil			
	Sejal Ramesh Najan			
45	Ayush Kumthekar	AI	Prof. U.V. Bomble	Capture.Analyze.Act.Automating SIC Notes For Continuous Improvement
	Rohit Patil			
	Swapnali Gaware			
46	Alfiya Shaikh	Embedded systems/IoT	Prof. U.V. Bomble	AI-Powered Intelligent Traffic Control System with Emergency Override and Automated Barriers
	Ritesh Gadheve			
	Mahedev Jadhav			
47	Harshvardhan Patil	Machine Learning	Prof. Y.M. Ajgar	Smart Railway Query System
	Pranav Dighe			
	Ankur Raj			
48	Ishwari Surwase	Machine Learning	Prof. Y.M. Ajgar	Bridging the gap: Turning Human know-how into JSON for smart manufacturing
	Shlok Shah			
	NA			
49	VEDANT TARAK	AI	Prof. Y.M. Ajgar	AI meets ISO
	ARYA CHAVAN			
	DIKSHA HINGE			

Project Coordinator  
Dr. R.S. Kadam

HoD  
Dr. P.P.Mane



