



**ZEAL EDUCATION SOCIETY'S**  
**ZEAL COLLEGE OF ENGINEERING AND RESEARCH**  
**NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/26

Revision: 00

Date: 01/04/2021

**List of Project Topics**

Department: Electrical  
Class: B.E.

Semester: II  
Div: A&B

Academic Year: 2023 - 2024  
Date:

Project Group No.	Roll Number	Names of the student	Project Guide Name	Project topic
G1	B411013	Borase Harshal Suresh	Dr. M. G. Unde	Energy Harvesting from moving Vehicles on Highways
	B411009	Bhosale Anjali Vijay		
	B412022	Nadgouda Shreeharsh Girish		
	B412028	Patil Sanika Vijay		
G2	B411006	Vaishnavi Bhandwalkar	Mrs. R J patil	Metal detection using PLC.
	B411065	kachare sakshi hanumant		
	B411016	Chavan Asavari Sanjay		
	B411015	Chaudhari Diya Sandip		
G3	B411071	Kamble Vishal Babu	Mrs. Bhagyashri Sherkhane	Concentrated Solar Thermal Power Plant (Power Tower System)
	B412025	Panchal Kartik Hanuman		
	B412032	Pawar Swapnil Dasharath		
	B411056	Gurav Vaibhav Sunil		
G4	B411024	Rutuja Suhas Dabhade	Mr. Ashish Malgave	Converting an IC engine into EV
	B411038	Saurabh Donge		
	B411063	Sagar Kaluram Jankar		
G5	B411059	Nikita Dilip Jadhav	Mr. Ashish Malgave	Electric Bicycle
	B411017	Chinmay Dhondiram Chavan		
	B411062	Viraj Jadhav		



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	B411057	Rameshwar Ithape		
G6	B412038	Punde Saurabh Sanjay	Mrs. Snehal Dharme	Electric Vehicle BMS for fire protection
	B412039	Puyad Pratik Dattatray		
	B411058	JADHAV ABHISHEK ANANDA		
	B411028	Dawande Hitesh Suresh		
G7	B411068	KAMBLE ASHISHKUMAR VILAS	Mrs. Artee Sudke	Transforming highways into Electric pathways
	B411004	BANDGAR VISHAL APPASO		
	B411026	DALVI SUSHIL SUHAS		
	B411061	JADHAV RAHUL SHASHIKANT		
G8	B412046	SAWALE ABOLI SHIVSHANKAR	Mr. J. A. Gurav	Revolutionizing Transportation
	B412013	Kumbhar Tejal Sanjay		
	B412014	Lokhande Navtej Sudam		
	B412017	Manekar Saurav Sahebrao		
G9	B412055	Kunal Dilip Shitole	Dr. Dev Kumar Rai	Solar tracking system and Payment method
	B411044	Ritesh Bharat Gaikwad		
	B411069	Rohit Navnath Kamble		
	B411073	Shweta Deepak Karande		
G10	B411012	Dhiraj Ravindra Borse	Mr. Bhanu pratap singh	Thermo electric generator and thermo electric cooling battery cooling system
	B412002	Prathmesh Dattatray Kedar		
	B412068	Pradnya Prashant Vichare		
	B412072	Rohini Navnath yewle		
G11	B411010	Shubham Vishnu Bhujbal	Mr. Chaitanya Deshpande	Hybrid (Solar + Wind) street light
	B412001	Aditya Sushas Katkar		



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	B412051	Akshay Mahadev Shinde		
	B412059	Suraj Machindra Suryawanshi		
G12	B412006	Khodve Manoj Jayram	Mr. Bhanu pratap singh	Dynamic Wireless charging for Electric Vehicle
	B412016	Mali Suyash Ashok		
	B412027	Patil Pratik Prakash		
	B411048	Gayke Prabhakar Dashrath		
G13	B412033	Pawar Vaibhav Pantharinath	Mr Pavan Bhujwale	PLC based Dam shutter control
	B412036	Potdar Maya Uttam		
	B412040	Rajguru Kajal Santosh		
	B412044	Sargar Ajay Ramchandra		
G14	B412054	Sejal Subhash Shinde	Ms. Nancy Kumari	Face recognition based attendance system
	B412053	Rutuja Santosh Shinde		
	B412023	Aniket Asaram Nagargoje		
	B412021	Pramod Vitthalrao Muchwad		
G15	B412015	vaibhav sudhakar Londhe	Dr. M. G. Unde	Smart fault detection system for electrical motors
	B412057	Omkar vivekanand Sonawane		
	B412029	Shveta Ambadas Patil		
	B411019	Ketaki Dayanand Chavan		
G16	B412043	Bhushan Duryodhan sapkal	Mr..Mahaboob Qureshi	Ionic Thruster: The future of Space travel and Aviation
	B412045	Rishabh Gunwanta Sarve		
	B412048	Shah Faisal Intezar Ahmad		
	B412031	PAWAR RUSHIKESH RAHUL		
G17	B411005	Komal Satu Bhagit	Mr..Mahaboob Qureshi	Substation Monitoring



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	B411007	Sunita Bhiku Bhange		over GSM with Flood and Earthquake Detector
	B411022	Sanjana Prashant Chinchole		
	B411036	Manoj Dilip Doifode		
G18	B412061	Prathamesh Avinash sutar	Dr. Dev Kumar Rai	Sun Tracking Solar panel
	B411011	Vishnu Maruti Birajdar		
	B411002	Viabhav Dnyeshwar Anerao		
	B412063	shubham Tembore Ankush		
G19	B411033	Rohit Dhokte	Ms.Nancy kumari	
	B411050	Vikey Giri		
	B411060	Nilesh Arun Jadhav		
G20	B411014	Shubham Chomibule	Mrs. Artee Sudke	Invelox wind turbine
	B411029	Abhay deshमुख		
	B411055	Rohit gupta		
	B411020	Rohit Bhimashankar Chavan		
G21	B412062	TAJNE CHETAN SATISH	Dr. Dev Kumar Rai	Intelligent solar powered home automation and Gas detection alert system
	B412058	SURVE TEJAS DEEPAK		
	B412052	SHINDE PRATIK RAJESH		
	B412049	SHAIKH SAMIR AHMAD		
G22	B412003	KHARAT AJAY MADHUKAR	Dr. Dev Kumar Rai	E-Bike with additional safety feature
	B412041	RANE GOKUL HEMARAJ		
	B412064	THAKARE CHANDRAKANT RAVINDRA		
	B412018	MAURYA PRATIKSHA		
G23	B412020	Ajit More	Ms. Bhagyashri Sherkhane	Development of solar based portable refrigerator systems
	B411021	vaishnavi chavan		



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	B412026	Gayatri Patil			using Peltier Module
	B412030	Vikas Pawale			
G24	B412056	SONAR ROHIT SHIRISH	Mrs. Snehal Dharme		Supercapacitor based Electric Vehicle
	B411049	Giri Maroti suresh			
	B412004	kharmale swaraj bajrang			
	B412010	kudale prathamesh yuvraj			
G25	B411053	Punamchand Gumladu	Mr. J. A. Gurav		Smart Safety Devices for women using IOT
	B412012	Tanaya Kulkarni			
	B412070	Pooja Waghmare			
	B412047	Abhishek sawant			
G27	B412071	Rutuja Deepak Yeole	Mrs. R J patil		Automated floor clearing robot / RFID based air break switch
	B412065	Rudrank Thakare			
	B412074	Sarvesh Hiwrale			
	B412019	Spandan Mendhe			
G28	B411041	Rahul Mohan Farke	Dr. Dev Kumar Rai		A single inductor multiport power converter for EV application
	B411042	Sakshi Bhagwat			
	B411003	Vaishnavi Bade			
	B411051	Hritik Gitte			
G30	B411047	Suraj Gavhane	Mr. Ashish Malgave		Arduino smart EV control
	B411032	Gaurav Dharve			
	B411030	Vishal Deshmukh			
	B412066	Ketan Thorat			

*Raj*  
Project Coordinator

*f J D Roy*  
Head of the Department  
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