



**Fr.C.RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi**  
**Department of Electrical Engineering**  
**Project List 2022-2023**

Sr. No.	Name of Students	Title of the Project	Internal Guide
1	CHINMAY VARTAK	Power control in DC microgrid	Dr. Sushil Thale
	MUJAHID MOHAMMED		
	UMAIR SALEEMUDDIN		
	ZAGADE SAHIL BAPU		
	\ SURYAWANSHI VAISHNAVI JAGDISH		
2	SURVASE HARSH DHANRAJ	Development of digital control unit for AC drives	Dr. Bindu R
	ENLOLU SHREEDHAR KRISHNA		
	INGALE HARSHAL NITIN		
	KUCHEKAR SUSHANT SANJAY		
3	ANAND UNNIKRISHNAN	Design and Implementation of energy efficient LED Driver using Cuk converter	Seema Jadhav
	KADAM SANKET SHAMRAO		
	KAMBLE SURAJ BABAN		
	PACHPUND VEDANT VITTHAL		
4	ASTITVA ANANT	Design and Implementation of EV motor drive with Field oriented control	Dr. Sushil Thale
	CHALKE SAISH PRAKASH		
	PASALKAR ATHARVA SANTOSH		
	PRADHAN KEDAR VIRENDRA		
	NAIR ABHISHEK		
5	PANCHAL PAWAN NIVRUTTI	Design and Development of IOT based smart energy meter for energy consevation	Nikita Nimbalkar
	KANNAUJIYA VIVEK RAJESH		
	JHA RETAK		
	PHAPALE VIRAJ VIKAS		
	GUPTA RITIK KUMAR		
	RAMASHANKAR		
6	\ GHADGE SAKSHI SUNIL	Hardware implementation of Variable Frequency drive for EV Application	Dr. Mahendra Rane
	\ KARELIYA DHARAA DHARMENDRA		
	AHMED UZAIR		
	KAMBLE SAISH		
7	BERDE SMIT SITARAM	Implementation of Solar PV Fed BLDC motor for Water pumping application	Misbah Khan
	CHAUDHARI AKASH PRAKASH		
	MAHARAO NAGESH SHIVARAM		
	\ MAYEKAR SHRUTI SHRIKANT		



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8	\ CHAVAN POOJA RAMDAS	Transformer testing time reduction with common testing loads via Switch box (Tata Power, Kalyan)	Dr. Mini R (External guide Mr. Nitin Gawade)
	KARTIKRAJ EASWARAN		
	MAHAJAN HITESH VIDYADHAR		
	JAITPAL PRATHAMESH CHANDRADEEP		
9	KULKARNI ARCHIT AJIT	Off-board charger for two wheeler, three wheeler and four wheeler electrical vehicle using ESP32 (Peak Power Consultancy Ltd)	Rashmi Kale
	RAJPUT VRUKSHAL		
	WANI HRITHIK		
	\ YADAV NIVEDITA N		
10	MISHRA HARSHAL RAKESH	Automatic soft starter for three phase Induction motor	Dr. Mahendra Rane
	\ SURVE ANUSHKA ANIL		
	PANDEY ABHISHEK VIJAY		
	\ NADAR ANNIE		
11	TAJANE VEDANT SUDHIR	Implementation of Solar PV MPPT controller for Battery charging	Ruchi Harchandani
	PEDNEKAR TANMAY BABU		
	AAYUSH KUMAR		
	JADHAV AYUSH VISHWAS		
12	\ DESHMUKH SANSKRUTI RAJU	Implementation of Artificial Intelligence based Surveillance robot	Dr. Mini N
	JOHNY GEORGE JOSEPH		
	\ LAHANE SONALI KAILAS		
	\ NAIR SRUTHI VENU		
13	\ LONDHE TANUSHREE DARYAW	Digital Lighting Arrestor and Counter (Tata power, Kalyan)	Abhishek Shiwalkar
	\ VYAS DIVYA PRASHANT		
	\ WADKAR GAURI RAMESH		
	TEJAS PARSHURAM KUBAL		
14	MALIK ANUSH KRISHAN KUMAR	Modelling and Implementation of two stage Solar PV based Microinverter	Divya S
	TONAPI PRANAV GURURAJ		
	SINGH VIDHANSH		
	ANTO SEN		
15	SHELAR TEJAS PANDIT	Fuzzy logic based MPPT Controller for Solar PV system	Seema Jadhav
	PATIL PIYUSH RAJARAM		
	PATIL SHRUTIJ HARISHCHANDRA		
	PAWAR CHINMAY DILIP		



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16	MAURYA RITESH INDRESH	Design and Development of AC charger for EV	Dr. Sushil Thale (Guide) Dr. Bindu S (Co-guide)
	TANPATHAK SOHAM KISHOR		
	\ KAUSHAL ARADHANA MUKUNDILAL		
	SINGH ABHIJEET		
17	\ PATIL KOMAL DEVANAND	Power Factor Improvement in Induction Heating System	Dr. Mini R
	MHATRE RISHABH RAJAN		
	\ SHARMA SHIVANI		
	NISHANT MISHRA		
18	PIYUSH KUMAR	Hardware Implementation and analysis of Three phase Inverter using Modulation Technique	Rajendra Soni
	RANGARI GAURAV		
	JAYWANT		
	SHIRGAONKAR ASHWIN PRAMOD		
	WILSON ARNOLD		