

Prasad V. Potluri Siddhartha Institute of Technology
Department of Electrical and Electronics Engineering
Academic Year 2023-24
IV B.Tech, II Semester, Project work
Project Titles

Batch No.	Roll Numbers	Name of the student	Name of the Supervisor	Project Title
1	20501A0229	KOLAPALLI YASWANTH	Dr. N. Vijaya Anand	Indoor Air Quality Monitoring system
	20501A0230	KOLAVENTI JASMINE		
	20501A0219	GANTA MADHAVA LAKSHMAN SAI		
	20501A0238	KUNCHALA NEERAJ RAJU		
2&4	20501A0251	MOHAMMED QUADEER PASHA	Mr. M. Seshu / Mr. B. Bala Sai Babu	Smart Surveillance UAV
	20501A0224	KAMBHAMPATI KARTHIK		
	20501A0211	CHALAMALASETTY MAHATHI		
	20501A0249	MEDISETTI KAVYA		
	20501A0237	KUDUMULA SANDEEP KUMAR		
	20501A0242	KURAGUNTLA VARSHINI		
3	20501A0217	DEVARAKONDA KARTHIK	Dr. K. Lenin	Protection of 210W Generator in Vijayawada Thermal Power Station
	20501A0205	AVULA RAVI KUMAR		
	20501A0218	DHANALAKOTI PAVAN SATYA KUMAR		
	20501A0226	KATTA VENKATA SAI CHARAN		

5	20501A0231	KOLLU ASHOK RAMJI	Dr. C. Kumar	Design Aspects and Analysis of Solar Powered EV Charging Station
	20501A0208	BEROTULA LAVANYA		
	21505A0209	KASANI SRUJAN GOWD		
6	20501A0220	GUDIPUDI ANEESHA	Mr. M. Hemanth Sai	Electric Vehicle Charger for heavy Vehicles based on Voltage-Oriented Control and Pulse-Width Modulation With ANN
	20501A0248	MEDAPALLI ALEKHYA		
	20501A0240	KUNDETI DURGA SRINIVAS		
	21505A0210	KOTA DURGA VINAY KUMAR		
7	20501A0214	CHITTIBOMMA BENHAR SAI GOWD	Dr. B. Baddu Naik	Three phase source connected Solar Power Generation Using MATLAB
	20501A0201	ABDUL PARVEEN		
	20501A0227	KODALI KIRAN		
8	21505A0205	GUNDEBOYINA DURGA BHAVANI	Ms. M. Devika Rani	Model Based Design of Electric Vehicle Propulsion System Using Simulink
	20501A0209	BHIMANI KEERTHI PRIYA		
	20501A0213	CHEKURI HARITHA		
9	21505A0204	GADE SIVA NAGA DURGA ADHIKYA	Dr. R.Swathi	IOT Based Flood Monitoring and Alerting System
	21505A0213	LINGAMPALLI VINUTHNA		
	20501A0207	BELLAPU SUMA		
	20501A0212	CHATRAGADDA DIVYA		
10	21505A0201	BANDARU MANIKANTA	Dr. D. Ragaleela	High Gain Quadratic DC-DC Converters for EV Applications
	21505A0207	JUBBURI PRASANTH KUMAR		
	20501A0215	DANABOYINA SRIVIDYA		
	20501A0250	MENDU KAVYA		
11	20501A0228	KODURU LAVANYA	Ms. K. Bhavana	FGPA Based DC to DC Buck

	20501A0210	BODDAPATI RENU VYSHNAVI		Boost Converter
	20501A0206	BADUGU YAMINI		
	21505A0206	JANA DURGA PRASAD		
12	20501A0232	KOMARA PRATHYUSHA	Dr. D. Ragaleela	MPPT in PV Systems Under Partial Shading Conditions
	20501A0225	KARANAM NAVEEN		
	20501A0246	MARINGANTI S V S N R YASHODA		
	20501A0236	KOTE KEERTHI		
13	20501A0204	APPIKATLA NAVEEN	Dr. M.V. Ramesh	Smart Auto-Following Vehicle
	21505A0208	KAKARLA MOSES JAMES		
	20501A0244	MAKANI SAI ANVESH		
	20501A0245	MANIKONDA AKHIL		
14	20501A0216	DASARI PRIYANKA	Mr. B. Mohan	Design and Implementation of an Electric Vehicle Charging Station with ANFIS Controller
	20501A0241	KUPPAKULA NANDINI		
	20501A0234	KOPPARTHI CHINNI SIVA KUMAR		
15	20501A0247	MARTHINENI RITHWAK	Dr. D. Ragaleela	Single Phase Fault Tolerance Multilevel Inverter
	20501A0235	KORADA PRATYUSHA		
	21505A0212	LANKA TULASI LAKSHMI		
	20501A0202	AINAPARTHI PRAVEEN BABU		
16	20501A0243	MADU LOHITHA	Dr. D. Ragaleela	Bidirectional DC-DC Converter for integration of V2G And G2V Applications
	20501A0253	MURAHARISSETTY AKSHAYA (S2)		
	21505A0203	EDDU LAVANYA		
	21505A0211	KUPPALA DINDI VARDHAN		
17	20501A0275	SAGILI PAUL SAMUEL	Ms. J. Hema Latha	Single phase inverter with interleaved bidirectional dc-dc converter
	21505A0220	PUSUNURU MEGHANA		
	21505A0222	RYALI AVINASH		
	20501A0272	RAVURI DEVI SREE		
	20501A0295	VENNA SANTHOSH KUMAR		
18	20501A0267	POLIPILLI PHANISANKAR	Mr. M. Hemanth Sai	Smart Park

		GANESH		
	20501A0269	PRATHIPATI GURU YASWANTH		
	20501A0258	PAILA LOKESH		
	20501A0286	TANGELLAMUDI VENKATA RAM GOPAL		
19	20501A0288	TATIVARTHALA NAGARAJU	Dr. Ch Padmanabha Raju	Comprehensive Analysis on ELECTRIC Cars
	20501A0274	SADHU DEVI PRASAD		
	20501A0289	TULLIMILLI SYAMILI		
	20501A0263	PEDAPALLI SURYA PRATHAP		
	20501A0293	VELAMARTHI SWAROOP RAJ		
20	20501A0296	VIPPARLA VENKATASRAVANI	Ms. G. Madhavi	Selective harmonic elimination in a multilevel inverter using firefly algorithm
	21505A0217	PERUMALLA SRAVYA		
	20501A0273	REVALLA DHANA DIVYA		
	20501A0260	PALLAPU SRINIVAS		
21	20501A0298	YALLABOYINA SATISH	Ms. V. Sai Geetha Lakshmi	Efficiency and reliability enhancement in HVDC-VSC power transmission network with control and planning strategies
	20501A0264	PEDASANAGANTI SHYAM		
	20501A0285	SUNKARI ARAVIND		
	20501A0291	VALLURI CHANDANA		
22	21505A0214	NAKKA SUDHARSANA RAO	Dr. D. Ragaleela	Performance analysis of two and Three wheeler electric vehicles
	20501A02A2	YERUPALLI RAVI TEJA		
	20501A0276	SAMUDRAPU GAYATHRI		
	20501A0268	POTU ANANYA		
23	21505A0218	PONUGUMATI NIHARIKA	Ms. V. Harika	Optimized PID Controller for Two Area Load Frequency Controller
	21505A0223	SANGADI RUPESH SAI		
	20501A0266	POLIPALLI MOHANKRISHNA		
	20501A0292	VARADA GANESH		
24	21505A0225	TOKALA NAGA RAJU	Ms. K. Bhavana	Enhancing Efficiency and Sustainability in Electric Vehicle Charging Networks Through
	20501A02A1	YELLURI GIRIPRASAD		
	20501A0282	SORAPALLI SRUJANA		

		MANASWINI		Synergistic Deployment of Hybrid Energy Resources
	20501A0284	SUNKARA MOHAN KRISHNA		
25	20501A0222	GUNDIMEDA RAGHAVENDRA (S1)	Mr. T. Srinivasa Rao	Integrated Delivery Drone with Precision Flower Dropping
	20501A0299	YANDURU LOKESH SIVASAI MANIKANTA KARTHIK		
	20501A0255	NAGAMOTU PAVAN		
	20501A0262	PAPPULA SURYA DEEPAK		
	20501A0278	SHAIK ASHRAFF SOHAIL		
	20501A0233	KONALA VAMSI BABU (S1)		