

Prasad V. Potluri Siddhartha Institute of Technology
Department of Electrical and Electronics Engineering
Academic Year 2024-25

IV B. Tech, II Semester, Project work
Project Titles

Batch No.	Roll Numbers	Name of the student	Name of the Supervisor	Project Title
1	21501A0205	ALAVALA JAHNAVI	Dr. N. Vijaya Anand	Design of 1.5 hp single phase induction motor for Kumar pumps & Motors
	21501A0242	KODALI PRIYANKA		
	21501A0213	BURADA UDAY KUMAR		
	21501A0217	DHANNANA DURGA PRASAD SOMASEKHAR		
2	21501A0203	AGINIPARTHI YAMINI SARASWATHI	Dr C. Kumar	IOT-Based person wheelchair fall protection
	22505A0212	KASTURI VISHNU SAI		
	22505A0206	DUPATI VINAY KUMAR		
	21501A0215	CHARAGONDA NAVEEN		
3	21501A0222	GADHE KAVYA	Ms. K. Bhavana	Conversion of conventional vehicle to electric vehicle
	21501A0201	ABDUL CHANDINI		
	21501A0269	RAMANNA VISHNU VARDHAN BABU		
	22505A0218	SAMA SREE PRASANNA VENKATA SAI LAKSHMI		
4	21501A0216	DANTHANALA NAGA VENKATA SIVA BHAVANI	Ms G. Madhavi	Smart milk storage monitoring system using IOT
	21501A0235	KAMBHAM GNANA LASYA		
	21501A0244	KOMMU SHELSEY PRIYA		
	21501A0248	KUMMARI BHANU PRAKASH		
5	21501A0238	KANNA CHARMI THANUJA	Ms J.Hema Latha	Arm controller-based antenna positioning system

	21501A0224	GARIKIMUKKU SUNANDHA		
	21501A0208	AVUTAPALLI PUJITHA		
	22505A0202	BELAGAPU SHAKEENA		
	21501A0227	GUDIVADA VENKATA PAVAN		
6	22505A0204	BOLEM VENKATA BADHARI NADH	Dr M.V.Ramesh	Electrical motor data collection through IoT
	21501A0207	ATCHALA NAVYA SREE		
	21501A0241	KATTA NEHA LATHA		
	22505A0208	GANTHAKORA BHARATH KUMAR		
7	21501A0209	BADE GUNA SUPRIYA	Ms V.Harika	Smart food quality monitoring system using IOT
	21501A0229	GUNANI MADHAVI		
	21501A0214	CHANDAKA JAGADISH		
	22505A0214	PADALA HARI		
8	21501A0237	KANDULA PRANEETHA	Mr. B. Mohan	CSA optimized sliding mode based reconfigurable step size P&O MPPT controller with grid integrated EV charging station
	21501A0245	KONDETI BHAVANI		
	21501A0220	EDA SOWMYA SRI		
	20501A0223	IMMANENI HARISH		
	22505A0207	DUPPETI AKASH		
	22505A0203	BODDUKOLLA YASWANTH KUMAR		
	21501A0240	KARUPARTHI TEJA		
9	21501A0211	BAMMIDI RAJESH	Mr P.Karunakar	IOT Based eco-aquatic system
	21501A0202	ABDUL MOHAMMAD AMEEN		
	21501A0243	KODAMAKONDLA JASWANTH		
10	21501A0261	PALLIKONDA RAJESH	Mr. M.Seshu	Smart city innovations unified resource management
	21501A0294	YENUGUDHATI VIJAY SAI KIRAN RAJU		
	21501A0250	MAHESH RATNAKAR		

		KESANAM		
	21501A0251	MANIMALA BHANU SANKAR VINAY KUMAR		
	21501A0262	PEDAPUDI MANOJ KUMAR		
11	21501A0290	VENIGALLA PAVAN KUMAR	Mr. B. Bala Sai Babu	Smart WATER CAN carrying trolley
	21501A0287	VEDA NAGA VAZRASRI SANAGASETTI		
	22505A0205	DILLI SIVA NAVEEN		
	21501A0258	NALLA BALAJI		
12	21501A0285	VADDI HEMANTH	Dr. N. Vijaya Anand	Isolated 1kWp solar charging station
	22505A0223	VISTAMSETTY LIKITHA SURABHI		
	21501A0257	MORLA VENKATA JASWANTH		
	21501A0286	VALLABHAPURAM MANBHUSHAN VIKAS		
	21501A0275	SHAIK FHAYAZ		
13	21501A0273	SEERA BHAGYA SREE	Mr. B. Baddu Naik	Ensuring communication in blackspot areas using lora technology
	21501A0270	SADHU BHARGAV		
	21501A0276	SHAIK MOULALI		
	21501A0255	MERUGU SRI SAI PRANEETH		
	21501A0274	SHAIK FARHAN SOHAIL		
14	21501A0292	VUYYURU KUSUMA	Dr. Ch. Padmanabha Raju	Design and development of canteen feedback system
	21501A0268	RACHETI BENETA		
	21501A0277	SHAIK SAMEENA		
	21501A0249	KURELLA AVANI SREE		
	21501A0256	MOLLI NANDINI		
	21501A0265	PEDDIBOYANA GOPI RAJU		
	21501A0253	MEENIGA RUPA		

15	21501A0263	PEDAPUDI SRAVANI	Mr. T Srinivasa Rao	Analyzing photovoltaic efficiency using drone technology
	21501A0288	VEERAVALLI RISHITHA NAGA SUNEETHA		
	21501A0259	NALLAGORLA SURENDRA KUMAR		
	21501A0279	SYED MAHAMMAD AZMAL		
16	21501A0252	MARUBOYINA RAMYA SAI POOJITHA	Ms. V. Sai Geetha Lakshmi	Remote driven waste retrieval system for sustainable campus environment
	21501A0283	TURAGA SRI SAI SASHANK		
	21501A0264	PEDDIBOINA SIVA SUDHEER		
	21501A0272	SAYALA MUKESH KUMAR		
17	21501A0254	MEKA AKHILA	Mr. M. Hemanth Sai	Campus energy monitoring system
	21501A0278	SRIKAKULAPU BHARATH KUMAR		
	21501A0282	TUMMALA VIJAYA NAGA DURGA		
	22505A0209	GEDELA HEMANTH		
18	21501A0280	TAMMINA JAHNAVI	Ms. M. Devika Rani	Smart door access and monitoring system
	22505A0222	TUMMALA YASWITHA		
	22505A0213	NARNI JAYA VENKATA SAI		
	22505A0221	THOKALA RAJESH		
19	22505A0211	KARIMELLA VISHNU CHAITANYA SIDHARDHA	Dr. D. Ragaleela	Smart information and navigation system using IoT
	22505A0210	GOLLAPALLI NAVEEN		
	21501A0232	INAMPUDI SUDEEKSHA		
	22505A0215	POLANKI SAMPATH BABU		
20	21501A0225	GOLLA VAHINI CHANDRIKA KUMARI	Dr. D. Ragaleela	PV micro-inverter
	21501A0267	POTHALA KAVYA		
	21501A0281	THOTA PREM KUMAR		
	21501A0284	VADAPARTHI SURYA PRAKASH		

	22505A0219	SHAIK AFRIN		
21	21501A0210	BALANTHA NAVEEN	Mr. B. Bala Sai Babu	Re-manufacturing of transformers
	21501A0226	GORRELA BHARATH KUMAR		
	21501A0271	SANKULA MANIKANTA		
	21501A0289	VEMURI ARAVIND		
22	21501A0204	AJJADA VISWA VINAY SATYA AJAY	Dr C.Kumar	Installation and commissioning of a solar PV system for sustainable energy solutions
	21501A0206	APPIKATLA SRAVAN KUMAR		
	21501A0218	DIVVELA PAVAN KUMAR		
	21501A0221	EEGA ANANTH KUMAR		
	21501A0223	GANTEDI MANIKANTA		
	21501A0228	GUMMADI GOWTHAM		
23	21501A0230	GUNTURU KOUSHIK KRISHNA	Dr. N. Vijaya Anand	130kWp rooftop solar plant installation at Mahalakshmi Alloys & Metals PVT LTD, Hyderabad
	21501A0231	GUTTA GURU KRISHNA		
	21501A0233	JANGALA YASWANTH		
	21501A0236	KANDE SASI KUMAR		
	21501A0239	KANURU NANDAVARDHAN		
	21501A0247	KUCHIPUDI PREM CHAND		
24	22505A0201	ABDUL SADIQ	Mr. T Srinivasa Rao	A study on manufacturing of EV chargers at charge house
	22505A0216	RAGIPINDI AJAY KUMAR REDDY		
	22505A0217	REMALA LEELA VENKATA KUMAR		
	22505A0220	SHAIK SHAKEEL		