



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY(A)

(Approved by A.I.C.T.E & Affiliated to JNTUGV, Vizianagaram)

Accredited by NBA & NAAC with "A" Grade

Jonnada (Village), Denkada (Mandal), Vizianagaram Dist. – 535005

Department of Electrical and Electronics Engineering

IV Year EEE–Project Work

List of Projects

(ACY 2024-25)

Section A

Batch No.	Regd.No	Name of the Students	Project Title
1	22KD5A0208	MARADANA MANOHAR	Solar based Electric Vehicle Charging Circuit in G2V and V2G modes of Operation
	21KD1A0250	KURITI GAYATRI	
	21KD1A0222	GODABA MADHU LATHA	
	20KD1A0225	DILEEP KUMAR BODASINGI	
2	22KD5A0205	KONDAPALLI THARUN SAI	Evaluation of Electrical Properties of Mono and Hybrid Nano Powder Based Oils
	21KD1A0253	LINGALA NEELIMA	
	21KD1A0219	GANDRETI SAI GOPAL YASWANTH KUMAR PATNAIK	
	21KD1A0209	BASINA PREETHAM	
3	22KD5A0211	MUNIKOTI BHUVANESWARI	Solar Photovoltaic Power Prediction using Different Machine Learning Methods
	21KD1A0213	BURLE SRAVANI	
	21KD1A0229	IMMIDISSETTY CHAKRI	
	21KD1A0239	GEDELA ANITHA	
4	22KD5A0204	KILLAMPUDI PAVANKUMAR	Prediction Analysis of Archimedes Wind Turbine Using Artificial Neural Networks
	21KD1A0255	M. SAI LALITHA	
	21KD1A0206	BALAKA YAGNESH	
	21KD1A0211	BITRAGUNTA MOHANA ESWARA CHARI	
5	21KD1A0212	APPIKONDA ROHITH	FPGA Based PWM Controller for Multilevel Inverter.
	21KD1A0216	CHOUDARI SURYAPRAKASH	
	21KD1A0207	BANGARU HEMANTH KUMAR	
	21KD1A0252	LAVETI DINESH KUMAR	

6	21KD1A0259	MAJJI SAI LAKSHMI	Fpga Based DC-DC Converter for PV System using MPPT Techniques
	22KD5A0203	LODAGALA APPALANARSI	
	21KD1A0210	BHOGAPURAPU OMKAR	
	21KD1A0257	MADETI DHEERAJ	
7	22KD5A0201	BOBBADI JHANSI RANI	Enhancement of Transient Stability of Multi- Area Power System Using Facts Devices
	21KD1A0248	KUNA ROHIT	
	21KD1A0247	KSHTRIYA VIKAS SINGH	
	21KD1A0221	GEDELA VENKATA HARSHA VARDHAN	
8	21KD1A0226	GURUGUBELLI RAVITEJA	A Single-Stage Bridgeless PFC Charger with Enhanced Power Quality for LEV Mounted Solar PV Panel
	21KD1A0214	CHAPPA BHARGAV	
	21KD1A0233	KALURI VENKATA ADITHYA	
	21KD1A0244	KOVVADA JOHN	
9	21KD1A0230	JOGA HEMA	Intelligent PI Control for DC Link Voltage in Shunt Active Power Filter
	21KD1A0228	ILLAPU SWAMI NAIDU	
	21KD1A0249	KUPPA CHAITHANYA SUDHA	
	21KD1A0217	CHUKKA ANANTH KUMAR	
10	21KD1A0204	ASAPU PYDI RAJU	Designing of MPPT based PV system connected with boost converter using MATLAB SIMULINK
	21KD1A0205	BADIREDDI VANDANA	
	21KD1A0254	LOHIT KUMAR PANIGRAHI	
	21KD1A0225	BUDDARAJU JASWANTH VARMA	
11	21KD1A0235	KARRI BHAVANA	Energy Management in Micro-grid Connected Electrical Vehicle Using Optimal PID Controller
	21KD1A0251	KURMADASU SWETHA	
	21KD1A0227	ILLAPU SAI SANDEEP	
	22KD5A0210	MUHAMMED HAFIZUDDIN	
12	22KD5A0209	MARAM UDAY KISHOR	Design of a Real-Time Solar Power Monitoring System Using Internet of Things
	21KD1A0246	KOVVURI BHARGAV JAYANTH REDDY	
	21KD1A0258	MAJJI NEELIMA	

	21KD1A0236	KILARI DAYANA SARAYU ALEKYA	
13	21KD1A0234	KARAGANA JAGADEESWARA RAO	Modular Inverter System for Scalable Energy Storage Applications with Real-Time Load Monitoring and Optimization
	21KD1A0232	KALIPINDI DESI NAIDU	
	21KD1A0215	CHAVANA SAI BRUNDA	
	21KD1A0245	KOVVADA PRABHAKARA RAO	
14	22KD5A0202	DASARI LOKESH	Power Quality Improvement using Shunt Active Filters with Multilevel Inverter and deep learning
	21KD1A0203	ARLI KEERTHANA	
	21KD1A0256	BAALI CHARAN KUMAR	
	21KD1A0218	DOWLURU SAHITHI	
15	22KD5A0206	KOTYADA GANESH	High Efficiency Wire Less Power Transfer System for Electric Vehicle Application
	22KD5A0212	OMMI SAI TEJESH	
	21KD1A0241	KORADA SAI VINAY	
	21KD1A0201	ADAPA DENYA SREE	
16	21KD1A0242	KOTA BHARGAV SAI	Implementation of Smart Power Management Converter With Real- Time Load Monitoring And Optimization
	21KD1A0224	GOGADA VANDANA	
	21KD1A0243	KOTTANA SUBHASH	
	21KD1A0223	GODUGULA MONIKA	
17	21KD1A0208	BARLA DINESH	Real-Time Underground Cable Fault Monitoring With IOT
	21KD1A0202	ALABONI LOHITHA SURYA	
	21KD1A0260	MANDALA JAYANTH	
	21KD1A0220	GARIMELLA BHEESHMA SANDILYA	
18	22KD5A0207	MADDILA PREMSAI	Smart Safety Watch For Women: Real-Time Emergency Alert System Using Arduino, GPS, GSM.
	21KD1A0238	KOLLURU KRISHNA SAI VENKATADRI	
	21KD1A0237	KODUKULLA SRI VIDYA	
	21KD1A0231	KOYINANA CHADRA SAI	

Section B

Batch No.	Regd.No	Name of the Students	Project Title
1	21KD1A0265	MUPPARTHI SAHITHI	Multi-level Inverter Based SHAF for Application in Electrical Distribution Systems
	21KD1A0299	SIRLA ANJI	
	21KD1A0291	KARAKA ARUN KUMAR	
	20KD1A0265	MOHAMMAD RIZWAN	
2	21KD1A0297	SARIPALLI MANASA	Smart Home Automation for Appliance Control and Energy Monitoring
	21KD1A0298	SHUBRAKANT PRADHAN	
	21KD1A0275	PALLA UDAY KUMAR	
	21KD1A0293	REGIDI GOWTHAM	
3	21KD1A0283	PINNINTI DHANA LAKSHMI	Enhanced Power Quality Using Coupled DSTATCOM with Self and Split Capacitor Topology
	22KD5A0219	SUGANDHAM PRAVALLIKA	
	21KD1A02B9	ROUTHU NIHARIKA	
	21KD1A02B6	THADUTURI SATISH	
4	22KD5A0221	THADDI MADHU	Smart DC Voltage Regulation in Shunt Active Power Filter Through Fuzzy Logic Controller
	21KD1A02A7	VIZINIGIRI DHANRAJ	
	21KD1A0264	MUKALA BHAVANI SANKAR	
	21KD1A0270	NALITHAM ANURAG	
5	21KD1A02A2	TARLADA NANDINI	Automatic Generation Control for EV's Based Smart Grid System Using Model Predictive Controller
	22KD5A0215	PAPPU PUSHPAJA	
	21KD1A0288	PUDI AKHILA	
	21KD1A02B7	TUMMAGUNTA DILEEP	
6	22KD5A0220	TEEGELA VARUN KUMAR	Modelling and Analysis of CSA MPPT Based Grid Connected Solar PV System
	21KD1A0273	PANDRANKI SEEMA DEVI	
	21KD1A02B3	VELIDI SAI VENKATA CHITTI VARUN	
	21KD1A0284	PINNINTI VAMSI	
7	21KD1A0296	SANKRANA CHANDINI	Wireless Communication enabled Speed Control for Electric Vehicles.
	21KD1A0289	RAGHUPATRUNI MONIKA	
	21KD1A0276	PALURI REETHI SAI	
	21KD1A02B4	KONA RITISH	
8	22KD5A0216	PITTA PRATHAP REDDY	Active Front-End Converter for Efficient EV Charging Applications
	22KD5A0223	YADLA VARA PRASAD	

	21KD1A0278	PARADI DURGA PARVATHI	
	21KD1A02A5	URITI PRAVEENKUMAR	
9	21KD1A0280	PILLA GAYATHRI	Implementation of Fuzzy and Neural Network based MPPT Techniques on Solar PV System
	22KD5A0224	KALIGI RAJESH	
	21KD1A02A3	TATTIKOTA HARSHINI	
	21KD1A02B1	POTTANGI MAHESH	
10	21KD1A0290	REDDI HEMA LATHA	Neural Network for Producing Maximum Power Point of a Large Scale Grid Connected Solar PV System
	21KD1A0281	DOKALA BHUSHAN RAO	
	21KD1A0261	BUSA RAMA KRISHNA	
	21KD1A02B8	VINAY BARLA	
11	21KD1A02B5	SISTU ANUSHA	Analysis Of Single-Phase 7-Level Switched Capacitor-Based Multilevel Inverter For Renewable energy Applications
	21KD1A0295	SANGAMREDDI. PRASAD	
	21KD1A0263	MATSA SRIKANTH	
	21KD1A02A4	TURUBATI SUNIL KUMAR	
12	22KD5A0217	PODILAPU GAYITRI	Non-Linear Current Control Strategy for Single-Phase-Grid Connected PV System
	21KD1A0269	NAGOLU YAMINI	
	21KD1A0266	MURAPAKA SAI SANDEEP SHARMA	
	21KD1A0271	NANDIGAMA SAINAVYA	
13	21KD1A0287	POTNURU VARSHITHA	An Analysis Of 9 – Level Reduced Switch Count Multilevel Inverter for Solar Photovoltaic System
	21KD1A02A6	VEDURUPARTHI DEVA KOTA SURYA RAMA RAJESH	
	21KD1A02A0	SIVVAM SAI CHANDANA	
	21KD1A0279	PEDAPALLI DHANANJI	
14	21KD1A0286	PORAM THANUSRI	Enhancement of Power Quality in Distribution System by Proper Scheduling of V2G and G2V Operations using DC Fast Charging Architecture
	21KD1A0272	NARAMSETTI TARAKESWARI	
	21KD1A02A9	YEGIREDDI RAJESH	
	21KD1A02A8	VUTUKURI JOSHI	

15	22KD5A0218	SRIPURAM AKHILA	Performance of Regenerative Braking on BLDC Motors with CUK Converter
	21KD1A0282	PILLA POOJITHA	
	21KD1A0292	REDLA BALA SANDEEP LAVA KUSA	
	21KD1A02B2	BOBBILI MADHUSUDHAN RAO	
16	21KD1A0294	ROUTHU HIMA BINDHU	FPGA Based Modified Space Vector PWM Technique for Permanent Magnet Synchronous Motor
	22KD5A0213	PALA HARI SEKHAR REDDY	
	21KD1A02A1	TADDI SAIKUMAR	
	21KD1A0268	N. HARI KRISHNA	
17	21KD1A0285	PODILAPU HARIPRIYA	Design and Deployment of an IOT Based Smart Energy Management System
	22KD5A0214	PALISSETTI BHARGAV KIRAN KUMAR	
	21KD1A0274	PADAGALA SESHUKUMAR	
	21KD1A02B0	YEGIREDDY LIKHITHA	
18	21KD1A0277	PANCHALI VENKATA LAKSHMI	Modelling and Performance Comparison of Three-Phase and Five-Phase Permanent Magnet Synchronous Motors
	22KD5A0222	SEERA RAKESH	
	21KD1A0267	MURUMULLA KUMARASWAMY	

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