



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

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Department of Electrical & Electronics Engineering

MAJOR PROJECT A.Y. 2021-2022

S. No	Faculty Guide	Batch Number	Hall Ticket Number	Student Name	Project Title
1	Dr. A.Vinod 8639989831	Batch-1	197Y5A0212	KAVULURI POORNA MANICHAND	ADAPTIVE REACTIVE POWER CONTROL FOR PV POWER PLANTS UNDER ULTRA WEAK CONDITIONS,
2			197Y5A0201	PAIDI AKSHAY REDDY	
3			197Y5A0208	MAILU MADHAV REDDY	
4		Batch-12	197Y5A0223	KUPPA SIRISHA	AN IMPLEMENTATION OF SOLAR PV ARRAY BASED MULTIFUNCTIONAL EV CHARGER.
5			187Y1A0201	GOLLA ABHISHEK	GRID INTERACTIVE SOLAR PV-BASED WATER PUMPING USING PMDC MOTOR DRIVE.
6		Batch-23	197Y5A0221	SRIVARDHANREDDY REDDYGARI	DEAD-ZONE FREE CONTROL SCHEME FOR H-BRIDGE BUCK-BOOST CONVERTER.
7			187Y1A0232	VARIKUPPALA UDAY	
8			187Y1A0205	KUNAM DEEPTHI PRIYANKA	
9	M.A.Nabi 9966296912	Batch-2	197Y5A0219	ALAGANDULA SANDEEP	NINE LEVEL TRANSFORMER LESS INVERTER FOR SINGLE PHASE PV APPLICATIONS.
10			177Y1A0227	ANKATHI YESHWANTH	
11		Batch-13	187Y1A0234	BANOTH VINODKUMAR	ELECTRIC LINE MAN SAFETY WITH PASSWORD BASED CIRCUIT BREAKER
12			187Y1A0222	AMARAGANI SAI TEJA	
13		Batch-24	177Y1A0204	REPAKA ASHRITH	AUTOMATIC ACTIVE PHASE SELECTOR FOR SINGLE PHASE LOAD FROM THREE PHASE SUPPLY,
14			187Y1A0210	GURIJALA LAKSHMI VENKATA SAI CHANDU	
15		Batch-35	197Y5A0225	KANDI SUNDAR	BATTERY MANAGEMENT SYSTEM (BMS) AND SOC DEVELOPMENT FOR ELECTRIC VEHICLES.
16			187Y1A0203	GANNOJ BHANU CHARAN	
17	M.Shankar 9505654808	Batch-4	187Y1A0206	MULLAPUDI ESHWAR	A HIGH EFFICIENCY NON ISOLATED BUCK BOOST CONVERTER BASED ON ZETA CONVERTER.
18			187Y1A0227	KAALA SHIVA KUMAR	
19		Batch-15	197Y5A0229	BANURI VIKAS REDDY	IMPROVED POWER QUALITY SWITCHED INDUCTOR CUK CONVERTER FOR BATTERY CHARGING APPLICATIONS.
20			197Y5A0227	ADEPU SOWJANYA	
21		Batch-26	187Y1A0219	BODDU RAVITEJA	SOLAR POWER AUTO IRRIGATION SYSTEM.
22			187Y1A0221	THODUPUNOORI SAI TEJA	
23	G. Radhakrishna 8801066218	Batch-7	187Y1A0214	G PRAVALLIKA	ACTIVE AND REACTIVE POWER CONTROLLER WITH SINGLE PHASE GRID CONNECTED TO PHOTOVOLTAIC SYSTEM.
24			177Y1A0207	DYAVANAPALLY HARIKA	
25		Batch-18	197Y5A0204	GUMMADIDALA CHANDRASHEKHAR	A NEW-COUPLED INDUCTOR CIRCUIT BREAKER FOR DC APPLICATIONS.
26			197Y5A0205	ADHI HARIKRISHNA	
27		Batch-29	187Y1A0217	T RAHUL SINGH	IN A PV BASED GRID-FORMING INVERTER UNDER BALANCED GRID CONDITIONS.
28			187Y1A0231	ARUTLA SUSHMITHA	
29	M.Sudhakar 9505903685	Batch-6	187Y1A0220	PALLI SAI TEJA	BIDIRECTIONAL BUCK-BOOK CURRENT FED ISOLATED DC TO DC CONVERTER AND ITS MODULATION.
30			197Y5A0230	TAMMALI VAMSHI KRISHNA	
31		Batch-17	197Y5A0210	CHAKALI NIKHIL KUMAR	A HIGH EFFICIENCY NON ISOLATED BUCK BOOST CONVERTER BASED ON ZETA CONVERTER.
32			197Y5A0209	GALI NARENDER GOUD	
33		Batch-28	187Y1A0215	NAGULA PRAVEEN	SIZING AND ANALYSIS OF RENEWABLE ENERGY AND BATTERY SYSTEMS IN RESIDENTIAL MICRO GRIDS.
34			187Y1A0230	DEEVELA SUJITH KRISHNA	

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35	B.Mohan Naik 9959203721	Batch-8	187Y1A0202	KUSU AKHIL	MANITOBA RECTIFIER- BRIDGELESS BUCK BOOST POWERFACTOR CORRECTION(PFC).
36			177Y1A0216	CH RAMAKRISHNA	
37		Batch-19	187Y5A0227	DHURVA SAI KUMAR	SOLAR AND WIND POWER SMART CITY WITH MINI GRID.
38			187Y1A0224	MANDAPATI SAI SUBHA TEJASWINI	
39		Batch-30	197Y5A0232	GAJJALA NAGASHIVANI	A HYBRID FILTER FOR THE SUPPRESSION OF COMMON-MODE
40			197Y5A0226	MADDI SAI KIRAN REDDY	VOLTAGE AND DIFFERENTIAL-MODE HARMONICS IN SINGLE
41	K.Rajesh 9581532320	Batch-9	197Y5A0203	PENDELA CHANDANA	AN INTERLEAVED BUCK-CASCADED BUCK-BOOST INVERTER FOR PV GRID CONNECTION APPLICATIONS.
42			187Y1A0213	AASHISH PATIL	
43		Batch-20	197Y5A0220	VENNAVARPM SUMANTH REDDY	SOLAR POWER AUTO IRRIGATION SYSTEM.
44			187Y1A0212	DANDU NAGESH	
45		Batch-31	187Y1A0208	BONGU HEMALATHA	AN INTEGRATED DYNAMIC VOLTAGE RESTORER-ULTRA
46			197Y5A0222	THATIKONDA. SHIVA KRISHNA KAPIL	CAPACITOR DESIGN FOR IMPROVING POWER QUALITY OF THE
47	Bhargavi 99597321162	Batch-10	197Y5A0215	POTHUNAGARI PARMESHWAR REDDY	IMPLEMENTATION OF SOLAR POWERED MULTILEVEL INVERTER.
48			187Y5A0209	SHAIK MONISHA	
49		Batch-21	197Y5A0224	SHERI SAIMANOJ	A HIGH STEP-UP DUAL- SOURCE SINGLE PHASE INVERTER
50			187Y1A0223	PALLE SAIGOPIREDDY	TOPOLOGY WITH DECOUPLED AND RELIABLE CONTROL
51		Batch-32	187Y1A0226	GOUNI SHARADA	CONTROL AND OPERATION OF DC GRID -BASED WIND POWER
52			197Y5A0211	VADLA NAVEEN CHARY	GENERATION IN A MICRO GRID.
53	Subhashini 7893246207	Batch-11	187Y1A0211	ALIKATTE MAANVIKA	A SINGLE INDUCTOR MULTIPLE OUYPUT BUCK/BOOST DC-DC CONVERTER WITH DUTY CYCLE AND CONTROL CURRENT
54			197Y5A0228	LOMADA VIGNESWARA REDDY	
55		Batch-22	187Y5A0203	ILTEM ANIRUDH	ELECTRIC LINE MAN SAFETY WITH PASSWORD BASED CIRCUIT
56			197Y5A0231	SARA MANIVARDHAN	BREAKER
57		Batch-33	197Y5A0206	BOLAGAM MOSES	AN INTERLEAVED BUCK-CASCADED BUCK-BOOST INVERTER FOR
58			187Y1A0207	KAMBALA HEERAJ KUMAR	PV GRID CONNECTION APPLICATIONS.
59	A.Muneiah 8179325842	Batch-3	187Y1A0229	GAVINI SUDHEER KUMAR REDDY	A NEW SINGLE PHASE SWITCHED COUPLED INDUCTOR DC-AC INVERTER FOR PHOTOVOLTAIC SYSTEMS.
60			187Y1A0216	MOKALLA RAGHAVENDAR REDDY	
61		Batch-14	197Y5A0218	GUNDAM RAVI TEJA	WIND ENERGY BASED MOBILE BATTERY CHARGING AND
62			187Y1A0204	PALLEVADA BHANU PRAKASH	BATTERY APPLICATIONS.
63		Batch-25	197Y5A0213	KONDAKALLA PAVAN KUMAR	ANALYSIS AND TESTING OF DUAL AXIS SOLAR TRACKER FOR A
64			187Y1A0233	BEEMA VARSHA REDDY	STANDALONE PV SYSTEM.
65	G.Pavan 9959946544	Batch-5	197Y5A0214	MALOTH.PREMA SREE	AN OPTIMIZE CONFIGURATION OF H-BRIDGE MULTILEVEL INVERTER.
66			197Y5A0202	BEJJANKI BHAVITEJA	
67		Batch-16	197Y5A0216	JARUPULA RAJASHEKAR	A HIGH EFFECIENCY NON ISOLATED BUCK BOOST CONVERTER
68			197Y5A0217	DATLA RAMANA KUMAR VARMA	BASED ON ZETA CONVERTER.
69		Batch-27	197Y5A0207	MAKOTI MAHESH YADAV	INCREMENTAL CONDUCTANCE PV SYSTEM WITH SINGLE PHASE
70			187Y1A0209	MITTA JAGADISHWAR REDDY	GRID TO CONTROL ACTIVE AND REACTIVE POWER

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