



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

An Autonomous Institution

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuram)

Department of Electrical & Electronics Engineering

PROJECT SUMMARY SHEET

ACADEMIC YEAR	:	2022 -2023
Total projects	:	33
Inhouse projects	:	29
Industrial projects	:	04
Best projects	:	20
Average Projects	:	09
Remarks	:	Completed Successfully


Project Coordinator
Dr. V B Thurai Raaj


HOD/EEE
Dr. A. V. Pavan Kumar
Head of the Department
Electrical & Electronics Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325




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Department of Electrical & Electronics Engineering
AY::2022-23- Section-A

B.No.	ROLL No.	NAME OF THE STUDENT	Name of the Project Title	Guide
1	19691A0214	KAGITHI BHARGAVI	IMPLEMENTATION OF OBJECT DETECTION ALGORITHMS FOR AUTONOMOUS VEHICLE CONTROL	Dr. A. V. Pavan Kumar
	19691A0243	K MAHAMMAD ASHRAF		
	19691A0209	KORAKUTTI BALAJI		
	19695A0232	PS GNESH		
2	19691A0232	N HEMALATHA	INTELLIGENT POWER CONTROLLER FOR BLDC MOTOR	Dr. K. Arul Kumar
	19691A0218	T DEEPIKA VYSHNAVI		
	19691A0225	CHADALLA GANGARAJU		
	19691A0287	VAMSHI, G		
3	19691A0233	NOSSAM HEMALATHA	SPEED CONTROL OF THE WAY ELECTRICAL VEHICLE BASED ON SOC OF THE BATTERY	Dr. A. V. Pavan Kumar
	19691A0246	S MANEESHA		
	19691A0250	T MOHAMMED SUFIAN		
	19691A0245	Y MALLIKARJUNA		
4	19691A0216	S BHUVANESWARI	DESIGN, SIMULATION, AND IMPLEMENTATION OF INDEPENDENT SOLAR POWER SYSTEM	Dr. T. S. Balaji Damodhar
	19691A0210	UPPARA BALAJI		
	19691A0213	BORUSU BHARATH		
	19691A0215	Y BHUVANESWAR YADAV		
5	19691A0244	SH. MH.YASEEN	IDENTIFICATION OF POWER QUALITY DISTURBANCES-A SIGNAL PROCESSING APPROACH	Mr. N. Ramesh
	19691A0252	SH. MOHAMMED VASEEM		
	19691A0251	SH. MOHAMMAD YOUSUF		
	19691A0238	SH. KARIM BASHA		
6	19691A0204	PATAN AMEESHA	ANALYSIS OF IMPACTS OF TRANSACTIONS ON TRANSMISSION SYSTEM	Mr. Gumpu Sreenivasulu
	19691A0221	G FAHIYAKHANAM		
	19691A0223	DUDYALA GANESH		
	19691A0236	KADIRI JAHNAVI		
7	19691A0202	GUNNAMAREDDY AKHIL	IMPROVED MODULATION SCHEME FOR ISOLATED BIDIRECTIONAL CONVERTER	Mr. S. Narasimman
	19691A0255	POOLA. MOUNIKA		
	19691A0212	T L BHARADWAJ		
	19691A0201	BUKKE AKASH NAIK		
8	19691A0241	POTHULA KYVALYA	CONDITION MONITORING OF SINGLE PHASE TRANSFORMER USING SWEEP FREQUENCY RESPONSE ANALYSIS	Dr. Suman Yadav
	19691A0239	N KARUN SAI		
	19691A0260	KUKATI NAVEEN KUMAR		

9	19691A0234	SARAI HEMANTH KUMAR	SOLAR BASED BIDIRECTIONAL CHARGING WITH BLDC MOTOR	Mr. B. Vijay Kumar
	19691A0247	GOKULA MANJARI		
	19691A0259	K NAVEEN KUMAR		
10	19691A0227	POTTURI GOWTHAM	EVALUATION OF FEASIBLE TRANSACTIONS IN TRANSACTIVE ENERGY MARKETS	Gumpu Sreenivasulu
	19691A0230	MUDE HARISH NAIK		
	19691A0258	K NAVEEN KUMAR		
	19691A0248	SH. MH. ABDUL KHALID		
11	19691A0231	PACCHA HARSHINI	DESIGN AND IMPLEMENTATION OF BOOST CHOPPER BY SOFT SWITCHING TECHNIQUES FOR AUTOMOBILE APPLICATIONS	Dr.V B Thurai Raaj
	19691A0257	SHAIK MUBARAK		
	19691A0217	T. BRAHMA CHAITANYA		
	19691A0249	SH. MH. ATAHAR		
12	19691A0224	P GANESH	POWER FACTOR CORRECTION WITH SEPIC CONVERTER BASED ON AC AND DC CONVERTER	Dr. J. Jawahar Babu
	19691A0222	ABBOLLA GANESH		
	19691A0220	SHAIK EJAZ		
	19691A0256	KANTIPULI MOURYA		
13	19691A0242	ATHE LIKHITHA	INVESTIGATION INTO CONDITION MONITORING OF THREE PHASE INDUCTION MOTORS UNDER SUPPLY VOLTAGE VARIATIONS [SINGLE PROCESSING APPROACH] HARDWARE VALIDATION	Mr. N. Ramesh
	19691A0229	P HARI KUMAR REDDY		
	19691A0235	V INDRA SENA REDDY		
	19695A0219	V. DEVA SOWGANDH		
14	19691A0226	MADDIKAYALA GEETHA	IMPLEMENTATION OF DC DC BOOST CONVERTER WITH APO MPPT ALGORITHM FOR PHOTOVOLTAIC APPLICATIONS	Mr. Rajesh KS
	19691A0254	APPANNAGARI MOUNIKA		
	19691A0253	M MOHAN PRASAD		
	19691A0228	KANNEMADUGU HAREESH		
15	19691A0207	C. ARAVIND KUMAR	IMPLEMENTATION OF BRIDGELESS CUK- SEPIC CONVERTER	Mr. B. Vijay Kumar
	19691A0208	DUGGINENI BALAJI		
	19691A0205	B. ANANDA SAGAR		
	19691A0206	B. ANIL KUMAR		
16	19695A0212	B. VENKATA AJAY	INDUSTRIAL PROJECT AT SURYA TECH	Dr. A. V. Pavan Kumar
	19691A0203	K. AMARNATH		
	19691A0240	N. KIRAN		


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AY::2022-23- Section-B

B. NO.	Roll Number	Name of the Student	Name of the Guide	Title of the Project
1	20695A0220	K. MANIDEEP	Dr. K Arul Kumar	Performance analysis of single phase inverter using different modulation technique
	19691A0272	B. SHAHINA		
	19691A0273	DORI SHAKOOR BABA		
	19691A02A5	P YESWANTH		
2	19691A0283	BURRA TULASI	Dr.K.Lakshmikhandan	Integrated buck- flyback power factor correction converter
	19691A0291	GANGULA VANI		
	20695A0209	S M D SAMEER		
	19691A02A2	S.MOHAMMAD AFZAL		
3	20695A0207	UPPARA RAMESH	Dr Gourav Kumar Suman	Design of transformer less solar PV inverter
	20695A0204	S MALLESH NAIK		
	20695A0223	N. SRAVAN KUMAR		
	19691A0275	P. SIRIPRIYA		
4	20695A0212	V. CHANDRA KANTH	Dr. A. V. Pavan Kumar	Generation of electricity using gravitational Energy in handloom weaving machine
	20695A0208	G. SAI PRIYA		
	19691A0268	K. RUKMINI		
	19691A0278	M. SUBRAMANYAM		
5	19691A0290	N.VANDANA	Dr.K.Lakshmikhandan	Solar Powered Electrical Vehicle
	19691A02A4	KURUBA RAMESH		
	19691A0285	PERAM UDAY KIRAN		
	19691A0297	A. VIJAY KUMAR		
6	20695A0203	G.MADHU	Mr. M. Venkatesh	A I Based Power Flow Management Controller For Smart Building
	19691A0269	VADDE SAI SHALINI		
	19691A0284	B.UDAY KIRAN		
	19691A02A1	D KIRAN KUMAR		
7	19691A0282	RUDRA THEJESWINI	Dr. V B Thurai Raaj	Implementation of Solar PV Array Fed Induction Motor Using SEPIC Converter
	19691A0296	LOCHARLA VENNELA		
	19691A0293	SWAROOP KUMAR		
	19691A0277	B. SRINIVASULU		
	19691A0276	SEETHI SREEMANTH		

8	19691A02A0	R. CHARAN	Dr. J. Jawahar Babu	Design of controller for PFC in split inductor type boost converter embedded AC to DC
	19691A0229	K. SHIVAKUMAR		
	20695A0206	V. PRANEETH KUMAR		
	20695A0213	M. WAFIQAHA NAAZ		
9	19691A0264	SYED NIHA	Dr. C. Kamal Bhasa	Design and analysis of bridgeless of landsman converter
	20695A0218	M. REDDY NAGARAJA		
	19691A02A3	R. JASWANTH		
	19691A02A6	M. REDDY NAGARAJA		
10	19691A0267	BALAJIPETA REHANA	Dr. C. Kamal Bhasa	Advanced Footstep Power Generation By PIEZO For Electric Vehicles
	19691A0295	KOMMU VENKATESH		
	19691A0270	TANGUTURI SANDEEP		
	19691A0265	K. PRUDTHVI KUMAR		
11	20695A0205	V.NANDA KISHORE	Mr. S. Narasimman	Performance Analysis of Bridge Less Buck Boost Converter Fed BLDC Motor
	20695A0201	BHUPANAM HANEELA		
	20695A0214	H. ESHAL PREM		
	20695A0202	THOPPINAGARI KALPANA		
12	19691A0261	P NAVEEN	Dr. V B Thurai Raaj	Dual Axis Solar Tracking System With Weather Forecasting
	19691A0263	R. NETHAJI		
	19691A0274	V. SHARIF		
	19691A0292	B. VEMA REDDY		
13	20695A0216	PASUPELETI SAI PRADEEP	Mrs. K. Revathi	Electrical Vehicle Charging Station Connected to Grid over IoT
	20695A0210	R. SASIKALADEVI		
	20695A0222	CHOWDAM SASIDHAR		
	20695A0215	BUSI REDDY SIVA KIRAN REDDY		
14	19691A0299	GAEKWAD YEGNA	Dr. Gourav Kumar Suman	Design of Optimal Controller for A Multi-Area Low-Inertia Microgrid System
	19691A0271	CHITIKI SARITHA		
	19691A0294	V. MICHAEL RAJ		
	19691A0298	E.VISHNU VARDHAN		
15	20695A0217	M. S. SIVAPRASAD	Dr.K.Lakshmikhandan	Design and Implementation of Efficient Energy Management System in Electric Vehicles
	19691A0280	VENNAPUSA SUNIL KUMAR REDDY		
	20695A0219	BUKKE VANI		
	20695A0221	ARAVETI NIRUPAMA		
16	19691A0266	Y. RAVI TEJA	Dr. V B Thurai Raaj	Industrial Project at Surya Tech
	19691A0279	A.SUMAN		

17	19691A021	SYED MAAZ	Dr. V B Thurai Raaj	Industrial Project at Premier Electric
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