



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	:	2021 -2022
Total projects	:	31
Inhouse projects	:	31
Industrial projects	:	00
Best projects	:	20
Average Projects	:	11
Remarks	:	Completed Successfully

Project Coordinator
Dr. Vaigundamoorthi M

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::2021-22- Section-A

B. No.	Roll Number	Student Name	Name of the Guide	Title of the Project
1	18691A0244	S. M. Shoyab	Dr. Devanath shah	R F controlled SPY robot with night vision camera
	18691A0207	G. Aravind Naidu		
	18691A0206	B. Anji Naik		
	18691A0251	M.J. Sarafi Ahamed		
	18691A0203	V. Ameer		
	18691A0211	Balaji L	Dr. Hira singh Sachdev	Soalr Based Dc Motor Pump Speed Controller
	18691A0227	Eswar Reddy		
	18691A0228	Ganeshkumar		
	18691A0250	Nagamuni Reddy		
3	18691A0204	J Anil Kumar	Mr.Narasimman Sekar	Performance Analysis of BLDC Motor Speed Control Using CUK Converter
	18691A0221	M Devan Dilip		
	18691A0233	K Hari Prasad		
	18691A0242	N Mahesh Babu		
4	18691A0236	J Hemanth Kumar	Dr. Prathap Ranjan Mohanty	Installation of 500w Rooftop on Grid PV Solar System and Performance Validation
	18691A0231	B Hari Krishna		
	18691A0241	T Mahendra Babu		
	18691A0230	O Hari Brahmendra		
	18691A0222	D. Dhanunjaya		
5	18691A0225	D.Dinesh Reddy	Dr. Devnath Shah	Day ahead Market clearing considering advanced Market orders
	19695A0204	Y.Kiran kumar		
	19695A0203	R.Hima bindhu		
	19695A0202	P.Hemanthi		
6	19695A0216	B. Vennela	Dr. Aurobinda Bag	IOT based smart agriculture monitoring system
	18691A0213	G. BhanuMurthy		
	18691A0234	G. Harish Vinay		
	18691A0226	C. L. Dinesh		
7	18691A0210	P.B. Chaithanya	Dr.Vaigundamoorthi M	Implementation High Gain DV-AC Converter Employing Reduced Passive Elements for Solar Power Applications
	18691A0232	Bale Harikrishna		
	18691A0220	G. Deepthi		
	18691A0209	P. Avinash		
8	18691A0217	K. Chandana	Dr. Vaigundamoorthi M	Hardware Implementation of Design ,Control Analysis of High Gain Sepic DC-DC Converter for Solar PV Applications
	18691A0214	T. Bhargavi		
	18691A0224	G. Dileep Naidu		
	18691A0202	Y. Amarnath		

9	18691A0216	K.Chakradhar	Dr. Parth Sarathi Panigrahy	Fault diagnosis of three phase IM using motor current signature analysis
	18691A0249	N.Mounika		
	19695A0210	B.Santhosh Kumar		
	18691A0218	K.Chandra Sekhar		
10	18691A0219	D Chandu	Dr. A V Pavan Kumar	Demand side manegement of Hybrid power system
	18691A0245	M Meghana		
	19695A0207	G Pavan Kalyan		
	19695A0237	S Afzal Ali		
	18691a0208	k.Asha		
11	18691A0201	D. Akhil	Dr. T.S. Balaji Damothar	Design and implementation of super lift luo converter
	18691A0248	M. Monalisa		
	18691A0247	K. M. Yazdan		
	19695A0201	K.Dolly Priyanka		
12	18691A0215	P. Bhavya Sree	Dr. Arijit Bardhan Roy	Design and Implementation of solar power wireless battery charger
	18691A0235	P. Haritha		
	18691A0246	E. M. Sajeed		
	19695A0217	M. Sai Teja		
13	18691A0223	P.Dharani kumar	Dr. K. Arul Kumar	A Multifunctional NON ISOLATED dual input dual output converter for EV applications
	18691A0229	M.Ganesh		
	19695A0214	C.vinay kumar		
	18691A0243	P.Mohammed Saqib		
14	18691A0237	B.Hemanth kumar	Mr. Narasimhan	Power factor correction using SEPIC converter
	18691A0238	M.G.jyothi		
	18691A0239	C Kishore reddy		
	18691A0240	J.S.Leelasundar		
15	19695A0213	M.venkata karthik	P. Balamurali Krishna	Implementation of Closed Loop Quadratic Boost Converter
	19695A0205	S.kranthi		
	19695A0211	D.shiva shankar naik		
16	18691A0252	T.Nagavani	Dr. K. Arul Kumar	Energy Audit & Automatic power factor correction using microcontroller
	19695A0206	S.Madhu Sudhan		
	19695A0208	B.Raja Kumar		
	19695A0209	J.M.Ravindra Babu		
	19695A0215	D.Vunnur Basha		


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AY::2021-22- Section-B

B. No.	Roll No.	Name of the Student	Name of the Guide	Title of the project
1	18691A0277	G. Sreehari	Mr. Balamurali Krishna	UNDERGROUND CABLE FAULT DETECTION
	18691A0286	K. Tejesh		
	18691A0287	P. J. Uday Sai		
	18691A0256	K. Preeraiah		
2	18691A0295	L. Venkatesh	Dr. M. Vijay	DEVELOPMENT OF A SELF-BALANCING ROBOT WITH ADVANCED CONTROL METHODS
	18691A0263	N. Sai Girish		
	18691A0292	K. Ganesh		
	18691A0293	B. Venkatesh		
3	18691A0285	K. Tejaswini	Dr. M. Vijay	DESIGNING AND DEVELOPING OF UNMANNED AERIAL VEHICLE DETECTION SYSTEM
	18691A0288	H. Vamsi		
	18691A0291	G. Veera Shekar		
	19695A0219	B. Amaravathi		
4	19695A0223	S. Girivardhan	Dr. Hira Singh Sachdev	OVERHEAD TRANSMISSION LINES FAULT DETECTION SYSTEM
	19695A0221	O. Mohith		
	19695A0220	S. Poojitha		
	19695A0224	M. Suresh		
5	19695A0222	A. Yuva sai	Dr. N. Rajendra Prasad	A PERFORMANCE INVESTIGATION OF NON ISOLATED BUCK-BOOST CONVERTER BASED ON ZETA CONVERTER
	18691A0268	N. Saiteja		
	18691A0266	T. Sai Prema		
	18691A0281	D. Surekha		
6	18691A0254	S. Nasar	Dr. C. Kamal Basha	MODELLING AND SIMULATION OF MODIFIED SOLAR AND WIND BASED HYBRID ENERGY SYSTEM
	18691A0273	P. Siva Prasad		
	18691A0274	S. Sohail Basha		
	18691A0259	N. Reddy Prasanna		
7	19695A0233	B Badrinath	Dr. A V Pavan Kumar	ZERO VOLTAGE SWITCHING OF DC-DC BUCK CONVERTER
	19695A0236	B S Afzal		
	19695A0234	B Anil Kumar		
	19695A0225	K Mallikarjuna		
8	18691A0272	G Siva Nanda Kishore	Dr. Pratap Ranjan Mohanty	FUZZY LOGIC BASED MPPT BOOST CONVERTER FOR

	18691A0257	K Praneeth Gupta		PERFORMNCE IMPROVEMENTS OF PV SYSTEM UNDER PARTIAL SHADING CONDITION
	18691A0271	S S Jaheer Hussain		
	18691A0275	N Sowmya		
9	18691A0283	Y. Sushmitha	Dr. Rajendra Prasad Name	HIGH GAIN BOOST CONVERTER WITH CONTINUOUS POWER INPUT AND OUTPUT
	18691A0284	G. Susmitha		
	18691A0289	Y.Vamsinathreddy		
	18691A0290	T. Veda		
10	18691A0253	P. Nandini	Dr. Parth Sarathi Phanigrahy	DESIGN AND FAULT ANALYSIS ON SRM
	18691A0261	G. Saideepika		
	18691A0270	G. Sandhya		
	19695A0226	p. Sathish kumar		
11	19695A0228	D. Leelakrsihna	Dr. V B Thurai Raaj	IMPLEMENTATION OF PASSWORD BASED CIRCUIT BREAKER IN ELECTRICAL TRANSMISSION LINES
	19695A0231	G. Thulasi		
	19695A0230	M. Srinivasulu		
	19695A0218	P AVenkateshwara		
12	18691a0260	B. Sadak Hussain	Dr. C. Kamal Basha	DESIGN AND CONSTRUCTION OF VERTICAL AXIS WIND TURBINE WITH BUCK-BOOST CONVERTER
	18691a0296	C. Vinay Kumar		
	18691A0279	S. Sumanth		
	18691a0294	Venkadesh K		
	18691a0276	M.Sravani		
13	18691A0282	M. Suryateja	Mr. Ramesh	COMPARATIVE STUDY OF PERFORMANCE ANALYSIS OF BOOST CONVERTER AND BUCK-BOOST CONVERTER
	18691A0298	U. Bharath Kumar		
	19695A0235	R Sukumar Reddy		
	19695A0227	R Venugopal Raju		
14	18691A0299	C. Reddi Basha	Mr. RajeshK S	DEVELOPMENT OF TEO STAGE BUCK-BOOST CONVERTER SOLAR PV-BASED RURAL DOMESTIC WATER PURIFIER
	18691A0267	A. Sai Sharmila		
	18691A0265	G. Sai Praneeth		
15	18691A0280	S. Sunitha	Dr. Lakshmi Kandan	ZVS SWITCHING OF STEP-UP DC-DC CONVERTER FOR HIGHER EFFICIENCY
	18691A0278	K. Sumatha		
	18691A0255	G.Pavan kalyan		
	17691A02A2	K M Tarun Teja		

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