

**LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF EEE**

**MAJOR PROJECT DETAILS AY-2019-20**

s no	Title	Roll no	student names	Internal guide
1	SINGLE STAGE GRID CONNECTED SOLAR MICRO-INVERTER WITH TWO LEVEL FUZZY LOGIC MPPT CONTROLLER	16M21A0219	MOHD. WASEEM	Dr. P MAHES KUMAR
		16M21A0220	MOHD. SOHAIL	
		16M21A0223	SHAIK WASEEM	
2	ELECTRIC VEHICLE TO POWER GRID INTEGRATION USING THREE-PHASE THREE-LEVEL AC/DC CONVERTER AND PID CONTROLLER	17M25A0201	SHAIK MEHTAAB AHMED	ABDUL KAREEM
		16M21A0224	SHIRAZ JALAL	
		15M21A0213	OMER ANEES AHMED	
3	CAPACITOR VOLTAGE BALANCING OF A NESTED T-TYPE FOUR LEVEL INVERTER MODULATION	17M25A0206	MD MOHSIN	T SANTHOSH KUMAR
		17M25A0205	MOHD HAFEEZ	
		16M21A0204	SAMEEN NISHATH	
4	A ROBUST HYBRID SERIES ACTIVE POWER FILTER WITH FUZZY LOGIC CONTROLLER FOR ENHANCEMENT OF POWER QUALITY	17M25A0203	MOHAMMED ADIP	B HARIKA
		17M25A0202	SK THOUFIQ	
		16M21A0203	AYESHA KHAN	

**MAJOR PROJECT DETAILS A.Y 2018-19**

s no	Title	Roll no	student names	Internal guide
1	FUTURE DESIGNED SOLAR BIKE WITH ELECTRONIC CHARGING AND DYNAMO	15M21A0208	MD.AFAQFARAAZ	V Karthik
		15M21A0222	ATTA OSMAN	
		16M25A0205	MIRZA IBRAHIM	
		16M25A0209	MOHD MOIZ UDDIN NAZISH	
2	SMART ENERGY SYSTEM USING IOT	15M21A0209	MD. ASLAM UDDIN AMRI	SHAIK ZIA UL HAQ
		15M21A0215	SARHAN JAMAL	
		15M21A0217	SHAIK DAWOOD	
		15M21A0219	SHOEIB BIN ALI BASSAD	
3	FEEDER PROTECTION FROM OVER LOAD FAULT USING ATMEGA 328P MICROCONTROLLER	16M25A0206	MOHD ABDUL WADOOD	V L S PRABHA
		16M25A0210	SIDDIQUE AHMED KHAN	
		14M21A0222	MOHD OBAIDULLAH	
		15E21A0210	MDNASAR IQBAL	
4	SELF-RULING ONBOARD POWER GENERATION SYSTEM IN UAVS FOR LONG RANGE	16M25A0201	HAMZA SHAKEEL	G SWETHA
		16M25A0202	ILYAS HUSSAIN	
		16M25A0204	MD IMADUDDIN AADIL	
		16M25A0208	MOHD IRFAN	
5	ACTIVITY AND CONTROL OF A THREE PHASE HYBRID PHOTOVOLTAIC DIESEL ENGINE GENERATOR SYSTEM CONNCTED TO MICRO-GRID	15M21A0201	GANESH REDDY	A SRAVANYA
		15M21A0202	VINEETH KUMAR	
		15M21A0204	PRAVEEN GOUD	
		16M25A0211	KRANTHI REDDY	
6	A VOLTAGE CONTROLLED ADJUSTABLE SPEED PMBLDCM DRIVE USING A SINGLE STAGE PFC	15M21A0228	SUJIT KUMAR	S MALLIKHARJUN A
		15M21A0229	DIPENDRA KUMAR	

HALF BRIDGE CONVERTER.	SAH
	MOHD AZHARUDDIIN

16M25A0207

## MAJOR PROJECT DETAILS A.Y 2017-18

s no	Title	Roll no	student names	Internal guide
1	Design of a 15-Level Inverter with Modular Multilevel Converter Technique Using Facts	14M21A022 4	G Maheshwar Reddy	Naresh Goud G
		14M21A020 6	Pritham Maji	
		14M21A021 7	P Prashanth	
		14M21A022 1	J Prashanth Kumar	

2	Application Of Pv Solar Farm As Pv-Statcom For Reactive Power Compensation During Day And Night In A Transmission Network	15M25A020 1	A Sandeep	G Swetha
		15M25A020 2	D Eshwar	
		15M25A020 3	S Sai Kumar Chary	
		14M21A020 3	Sultan Turki Nasser Albarqi	

3	Distributed Energy Resources (DER or De) To Regulate Voltages In Future Distribution Systems with a High De Penetration	14M21A021 6	Errum ali	V Karthik
		14M21A021 9	Syed Mohd Saif Mirza	
		14M21A022 0	Syed Ehtesham Uddin	
		14M21A021 1	Mohd Saber Hussain	

4	Fault Location Algorithm for Three-Terminal Transmission Lines: Distributed Time Domain Line Model	14M21A020 7	Mohd Yahiya Mohiuddin	Mallikharjuna
		14M21A020 8	Abdullah Khan	
		14M21A021 3	Zubair Ul Islam	
		14M21A021 0	Irfan Mustafa	

5	Implementation of Hybrid Switch Based Soft-Switching Inverter for UHE Traction Motor Drives	14M21A020 9	Syed Siraj Uddin	Sk Zia Ul Haq
		14M21A021 2	Mohd Khaleel	
		14M21A022 7	Mohd Aleem Uddin	
		13M21A021 1	Syed Mohd Mohiuddin	

6	Modeling Of Single-Phase To Three-Phase Drive System Using Two Parallel Single-Phase Rectifiers	14M21A020 2	Abdul Aziz	V L Surya Prabha
		14M21A021 4	Mohd Sarwar Moinuddin	
		14M21A022 8	Adnan Javid	
		14M21A022 9	Arslan Ahmad	

## MAJOR PROJECT DETAILS A.Y 2016-17

s no	Title	Roll no	student names	Internal guide
1	Cascaded Two Level Inverter Based Statcom For High Power	13M21A0210	SHAIK MATEEN	R VENKATA KRISHNA
		13M21A0201	ABDUL FAIZAN SHAIK	

	Applications	13M21A0208	MD KAMRAN SHAMS	
		14M25A0201	MOHD IDREESH ALI	
2	A New Single Stage Multi Input DC_DC/AC Boost Converter	13M21A0206	K ARUNA	B VENKATESH WARLU
		13M21A0207	K SAI SHIVA	
		13M21A0203	B PRASHANTH	
3	Isolated Zeta Converter for BLDC Motor Control with Hysterisis Current Controller for Torque Ripple Minimization	13M21A0205	G SHIVA RAMA RAO	V L S PRABHA
		13M21A0209	MOHAMMED SHAZoor	
		13M21A0212	SYED SHAHBAZ AHMED	

### MAJOR PROJECT DETAILS A.Y 2015-16

s no	Title	Roll no	student names	Internal guide
1	Prepaid energy meter using GSM	12M21A0202	CHEEEDURU ANUDEEP	Dr.J.Namratha Manohar
		12M21A0207	K. MADHURI	
		12M21A0212	M. SRAVANI	
		12M21A0219	M. SAI CHARAN	
2	Electrical Apparatus control and Speed control of AC motor Using RF Communication	12M21A0204	GADDAM PARTH REDDY	M.Ramakrishna
		12M21A0211	LAKSHAY SHARMA	
		12M21A0220	ABDUL GAFFOR	
3	Solar Grass Cutter	12M21A0201	BIRUDU AVINASH	Mr. MOHAMMAD SHAKEEL M
		12M21A0203	DAMODARA SAI LAKSHMAN	
		12M21A0205	GURRALA RAGHAVA REDDY	
		12M21A0213	MD JAMEER	
		12M21A0217	SYED FAIYAZ	
4	Wireless Power Theft Monitoring and Controlling in Sub Station	12M21A0209	KOMELLI GOWTHAM REDDY	Mr.A.SRINIVASULU
		12M21A0210	KOTHURI VENU	
		12M21A0215	PATIMEEDI PAVAN KUMAR	
		12M21A0218	VADDE SAI KRISHNA	
5	Automatic Active Phase Selector	11M21A0201	ABDUL RAHEEM	Mr.K.RAMU
		11M21A0205	AMGOTH RAVINDER	
		11M25A0201	SK GOUSE BABA	
		12M21A0208	KODI VENKANNA	

### MAJOR PROJECT DETAILS A.Y 2014-15

s no	Title	Roll no	student names	Internal guide
1	Design of Individual Load Digital Energy Meter for Strategic Planning of Electric Power Consumption	11M21A0209	B.NAGA SHIVA PAWAN	Dr.J.Namratha Manohar
		11M21A0224	T.ESHWAR	
		11M21A0217	M.AKHIL	
		11M21A0222	RAJENDER PRASAD	
2	Single Phase to Three Phase Converter	11M21A0226	MUKESH PRASAD YADAV	Ms.A.Amulya
		11M21A0220	P.SNEHARIKA	
		11M21A0210	D.ANIL KUMAR	

		11M25A0202	K.HARISH CHARY	
3	Design of Buck and Boost Converter for Solar Appliance	08M21A0260	V.SANDEEP KUMAR	M.Ramakrishna
		11M21A0211	G.SRIKANTH REDDY	
		11M21A0204	A.PRANAY KUMAR	
		11M21A0216	L.GANESH	
4	Optimal Solar Power Point Tracking	11M21A0213	G.SHIVA PRASAD	Mr.I.Balakumar
		11M21A0206	A.MANASA	
		11M21A0227	Y.NAGARAJU	
		11M21A0207	B.SANDEEP	
5	AC 230V Over and Under Voltage Protection for Electrical Appliances	11M21A0215	HAYSEM KHAN	Mr.K.Nookaraju
		11M21A0212	GANESH PAWAR	
		11M21A0208	B.RAMAKRISHNA	
		11M21A0221	RUDRA INAY KUMAR	
6	Three Phase Fault Detection with Auto Reset on Temporary Faults	11M21A0223	SYED ZAYED AMJAD	M.Ramakrishna
		11M21A0226	VINAY KUMAR SINGH	
		11M21A0225	T.GANGADHAR	
		11M21A0202	ABDULLA BIN ALI BABSAIL	
7	BLDC Motor Speed Control Regulation Circuit	11M21A0219	N.VINOD	Mr. A.Koteswara Rao
		12M21A5201	K.MUKESH REDDY	
		11M21A0203	A.ANIL KUMAR	
		11M21A0228	JAMAL ANWAR	