

KLR COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTUH, Approved by AICTE New Delhi, an ISO 9001:2015 Certified)

BCM Road, Paloncha-507115, Bhadradri Kothagudem (Dist.), Telangana.



Project Batches for the A.Y-2021-22

S.No.	HT Number	Name of Student	Title of the Project
1.	19QT5A0202	SK AYESHA JASMEEN	MODELLING AND VOLTAGE CONTROL OF THE SOLAR WIND HYBRID MICRO-GRID WITH OPTIMIZED STATCOM
	19QT5A0209	D SUMANTH	
	19QT5A0207	D VENKATESH	
	19QT5A0211	P SANDHYA RANI	
	18QT1A0243	V SRAVAN	
2.	18QT1A0210	R NIKHILA	SOLAR AGRICULTURE WATER PUMP
	18QT1A0203	P OM PRIYANKA	
	18QT1A0222	S KANISHMA	
	18QT1A0230	G SAI	
	18QT1A0234	A PRANAY	
3.	18QT1A0247	A DHARANI	VEHICLE TO GRID TECHNOLOGY IN A MICRO-GRID USING DC FAST CHARGING ARCHITECTURE
	18QT1A0227	A AKHILA	
	18QT1A0206	A YASWANTH	
	19QT5A0215	D MANASA	
	19QT5A0214	A PRUDHVI	
4.	18QT1A0215	M MAMATHA	CONSTANT POWER GENERATION USING MODIFIED MPPT P&O TO OVERCOME OVER VOLTAGE ON SOLAR POWER PLANTS
	18QT1A0213	B USHA	
	18QT1A0246	V LOKESH KUMAR	
	18QT1A0219	K HIKITHA SRI	
	18QT1A0221	S MANOHAR JOSHI	
5.	19QT5A0210	Y POOJITHA	A NEW MULTI LEVEL INVERTER TOPOLOGY WITH REDUCE SWITCH COUNT
	17QT1A0242	V JHANSI	
	18QT1A0224	M ADARSHA VARDHAN	
	18QT1A0241	B SOWJANYA	
	19QT5A0212	B VENKATA KRISHNA	
6.	18QT1A0237	B SUKESH	MODELLING AND CONTROL OF BI-DIRECTIONAL BUCK-BOOST CONVERTER FOR ELECTRIC VEHICLES APPLICATIONS
	19QT5A0206	E SIVA	
	18QT1A0218	K NAVITHA	
	18QT1A0220	K MOUNIKA	
	16QT1A0226	M VINEETH	
7.	19QT5A0205	SK NAGUL MEERA	SINGLE STAGE AUTONOMOUS SOLAR WATER PUMPING SYSTEM USING PMSM DRIVE
	18QT1A0239	V VENKATESH	
	18QT1A0217	M MAHESH	
	18QT1A0202	J NAVVEN	
	18QT1A0235	J VAMSHI	
8.	19QT5A0213	G VIKRAM ADITHYA	A NEW STEP-UP SWITCHED CAPACITOR VOLTAGE BALANCING CONVERTER FOR NPC MULTI LEVEL INVERTER-BASED SOLAR PV SYSTEM
	18QT1A0205	J PREETHI	
	18QT1A0248	G KARTHIK	
	19QT5A0203	Y MAHESH	
	19QT5A0204	D PAVAN KALYAN	
9.	19QT5A0216	S THRINESH	A NOVEL SINGLE-STAGE BUCK-BOOST TRANSFORMERLESS INVERTER FOR 1-PHASE GRID CONNECTED SOLAR PV SYSTEM
	18QT1A0245	M PREMSAI	
	18QT1A0209	V PULLENDHAR	
	18QT1A0216	D SAI RAVITEJA	
	17QT5A0216	K VENKATA SAI SHASHANK	



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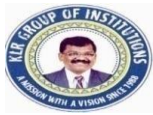
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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S.NO	BATCH NAME	PROJECT GUIDE	PROJECT TITLES
1	18QT1A0237- B SUKESH 19QT5A0206- E SIVA 18QT1A0218- K NAVITHA 18QT1A0220- K MOUNIKA 16QT1A0226- M VINEETH	Dr T RAKESH	MODELLING AND CONTROL OF BI-DIRECTIONAL BUCK-BOOST CONVERTER FOR ELECTRIC VEHICLES APPLICATIONS.
2	18QT1A0210- R.NIKHILA 18QT1A0203- P.OM PRIYANKA 18QT1A0222- S.KANISHMA 18QT1A0230- G.SAI 18QT1A0234- A.PRANAY	M PAVAN KUMAR	“SOLAR AGRICULTURE WATER PUMP”.
3	18QT1A0247- A.DHARANI 18QT1A0227- A.AKHILA 18QT1A0206- V.YASHWANTH 19QT5A0215- D.MANASA 19QT5A0214- A.PRUDHVI	A DURGA PRASAD	“VEHICLE TO GRID TECHNOLOGY IN A MICRO-GRID USING DC FAST CHARGING ARCHITECTURE.



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Project Batches for the A.Y-2020-21

S.No.	HT Number	Name of Student	Title of the Project
1.	18QT5A0208	G LOKESH	POWER QUALITY DISTURBANCE DETECTION AND CLASSIFICATION
	17QT1A0218	J RENUKA	
	17QT1A0219	K SRAVANI	
	17QT1A0220	K BABURAO	
2.	18QT5A0207	B SUPRIYA	ANDROID APPLICATION FOR AUTOMATION PURPOSES
	17QT1A0222	K NAGA LAKSHMI	
	18QT5A0214	M ROHITH	
	18QT5A0223	P ADITHYA	
3.	18QT5A0210	M SHIRISHA	CYBER SECURITY ATTACKS ON SMART GRIDS
	18QT5A0202	R NAVEEN KUMAR	
	18QT5A0212	G LOHITH	
	18QT5A0215	P PRAVALLIKA	
4.	18QT5A0201	A SWARUPA	A TWO STAGES STAND ALONE SOLAR PV SYSTEM
	17QT1A0227	P BHAGYA SRI	
	18QT5A0213	SD IRFAN	
	18QT5A0217	G NAGARAJU	
5.	18QT5A0205	J SHOBAN	POWER QUALITY IMPROVEMENT USING UNIFIED POWER QUALITY CONDITION (UPQC)
	17QT1A0202	A JAYANTH KUMAR	
	17QT5A0205	J SANDHYA	
6.	17QT1A0226	M ALEKHYA	SELECTION OF LINE CONTINGENCY FOR POWER SYSTEM SECURITY ANALYSIS
	16QT1A0215	G VENU PRASAD	
	17QT1A0225	M DARSHITHA	
7.	18QT5A0206	M SAI TEJA	ACTIVE AND REACTIVE POWER CONTROLLER FOR SINGLE PHASE PV GRID CONNECTED INVERTER WITH LCL FILTER
	17QT1A0250	SK SARVEEN SUNAYANA	
	17QT5A0206	M NAVEEN REDDY	
8.	18QT5A0211	K SRUJANA	A STUDY ON FAULT TOLERANT WIDE- AREA CONTROLLER DESIGN TO DAMP INTER AREA OSCILLATIONS IN POWER SYSTEMS
	17QT1A0204	A INDIRA GANDHI	
	17QT1A0212	CH MUKUNDA RAO	
	17QT1A0214	E PAVAN	
9.	17QT1A0240	T GOPAL NAIK	COMPARATIVE ANALYSIS OF DIRECT TORQUE CONTROL IN THREE PHASE AND FIVE PHASE INDUCTION MOTOR
	17QT1A0221	K TRIVENI	
	18QT5A0204	B TEJA	
	18QT5A0219	M SRILATHA	
10.	17QT1A0243	A UJWALA VASAVI	CROSS COUPLING EFFECTS OF INTERCONNECTED DC-DC CONVERTER SYSTEM IN PV APPLICATIONS
	17QT1A0232	S BALARAJU	
	17QT1A0247	J NAVYASRI DURGA PURNIMA	
	17QT1A0251	V SRINATH REDDY	



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S.NO	BATCH NAME	PROJECT GUIDE	PROJECT TITLES
1	18QT5A0211- K. SRUJANA 17QT1A0204- B. INDIRA GANDHI 17QT1A0212- CH. MUKUNDA RAO 17QT1A0214- E. PAVAN	DV RAMA NARSAIAH	“A Study On Fault Tolerant Wide-Area Controller Design To Damp Inters Area Oscillations In Power Systems”.
2	18QT5A0208- GANATHI LOKESH 17QT1A0218- JINUGU RENUKA 17QT1A0219- KAMMALAPALLI SRAVANI 17QT1A0220- KASIMALLA BABU RAO	Dr T RAKESH	“Power quality Disturbance detection and Classification”
3	18QT5A0205- J SHOBAN 17QT1A0202- B. JAYANTH KUMAR 17QT5A0205- J. SANDHYA	V.NARESH KUMAR	“Power Quality Improvement Using Unified Power Quality Condition (UPQC)”.



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Project Batch for the A.Y-2019-20

S.No.	HT Number	Name of Student	Title of the Project
1.	16QT1A0210	D. RACHEL	Estimation And Filtering Of Current Harmonics In The Power System
	16QT1A0219	K. SIRISHA	
	16QT1A0208	D. PRASHANTH	
	17QT5A0207	M. LOHITH	
2.	16QT1A0213	E. NAGARAJU	Application Of Cognitive Radio Smart Grid Communication
	16QT1A0233	P. SIRISHA	
	16QT1A0236	S. NANDINI	
	16QT1A0240	V. KALYAN	
3.	14QT1A0244	R. DURGA PRASAD	Planning Of A Microgrid
	16QT1A0238	V.V. RAGHAVA RAA YUDU	
	17QT5A0225	T. MALLIKARJUN	
	16QT1A0223	K. HEMA	
4.	16QT1A0216	G. LAVANYA	Design And Analysis Of An On-Board Electric Vehicle Charger For Wide Battery Voltage Range
	16QT1A0246	SK. RESHMA MUSKAN	
	16QT1A0228	N. MOUNIKA	
	17QT5A0214	B. SAI KISHORE	
5.	16QT1A0201	A. PAVAN KUMAR	A Two Stage Stand Alone Solar PV System
	17QT5A0227	V. VAMSHI KRISHNA	
	16QT1A0207	CH. ANITHA	
	16QT1A0212	D. MAHESWARI	
6.	17QT5A0211	S. RAJESH	A Comprehensive Study On Battery Management System And Dynamic Analysis Of Lithium Polymer Battery
	16QT1A0203	B RAJU	
	17QT5A0226	V. VENUGOPAL	
	17QT5A0223	SK. SHAMA	
7.	16QT1A0220	K. SRUJANI	Power Quality Disturbance Detection And Classification
	16QT1A0245	G. SUSHMA SWARAJ	
	16QT1A0218	J. SAI BHAVANI	
	16QT1A0229	N. SURENDAR BABU	
8.	16QT1A0217	G. VENKATA RAMI REDDY	Modeling And Simulation Of Partial Discharge Pulse Generator
	17QT5A0203	D. SATHISH KUMAR	
	17QT5A0201	B. MARY	
	16QT1A0209	D. SARIKA	
9.	17QT5A0209	N. SANDEEP	Performance Comparison Of Different Speed Estimation Techniques In Sensor Less Vector Controlled Induction Motor Drives
	17QT5A0208	M. VENKATESH	
	16QT1A0205	B. AMBICA	
	16QT1A0211	ESHD. KAVERI	
10.	16QT1A0202	A. PRAVEEN KUMAR	Estimation And Elimination Of Power System Harmonics And Implementation Of Kalman Filter Algorithm
	17QT5A0210	PANTADI BALAJI	
	17QT5A0212	UBBANI PRAKASAM	
	17QT5A0202	BODA NAVEEN NAYAK	
	16QT1A0222	KANDI MOUNIKA	



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1	16QT1A0210- DASARI RACHEL 16QT1A0219- KAKATI SIREESHA 16QT1A0208- DANASARI PRASHANTH 17QT5A0207- MARRI LOHITH	Dr T RAKESH	“Estimation and filtering of the current harmonics in the Power System”.
2	17QT5A0203- DEVARAKONDA SATHISH KUMAR 17QT5A0201- BHATTU MARY 16QT1A0209- DARAVATH SARIKA 17QT5A0209- NIMMATURI SANDEEP	B KEERTHI	“Modelling And Simulation Of Partial Discharge Pulse Generator”.
3	16QT1A0213- EEDARAPALAKA NAGARAJU 16QT1A0233- PUSAM SIREESHA 16QT1A0236- SRIPATHI NANDINI 16QT1A0240- VARSA KALYAN	B NEELIMA	“Application of cognitive radio in smart grid communication”.