



VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY
Accredited by NBA (B.Tech program), Approved by AICTE, Permanently Affiliated to JNTUK, NAAC
Accredited with 'A' Grade, ISO 9001:2015 Certified
Nambur (V), Pedakakani (M), Guntur (Dt.), Andhra Pradesh - 522 508, www.vvitguntur.com






DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



IV B.Tech II-sem (R16) Project Title and guide allotment (2018 Batch)

Date: 17-2-2022

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
1	Power System fault analysis using Machine learning (Dr.A.V.Naresh Babu)	A1	18BQ1A0206	A.Sreya Reddy	
			18BQ1A0249	G.Triveni	
			18BQ1A0228	D.Gopi Satya Venkat	
			18BQ1A0229	D.Evan Madhukar	
2	An efficient spam detection technique for IoT devices using machine learning (Dr.S.Ravindra)	A2	18BQ1A0213	A.Sri Keerthi	
			18BQ1A0247	G.Siva Rakesh	
			18BQ1A0236	G.Aravind	
			18BQ1A0240	G.Ravi Teja	
3	Enhancing Transmission system performance through FACTS devices (Dr.Ch.V.Suresh)	A3	18BQ1A0219	B.Navya Sri	
			18BQ1A0242	G.Bhargav	
			18BQ1A0238	G.Vamsi	
			18BQ1A0226	D.Anvesh	
4	Intelligent collision avoidance system for railways using RFID and GSM (Dr.D.Srilatha)	A4	18BQ1A0207	A.Meghamala	
			18BQ1A0252	I.Harshini	
			18BQ1A0253	J.Sravani	
			18BQ1A0254	J.John Reddy	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
5	AI based image processing for Covid-19 detection in chest CT scan image (Sk.Rasululla)	A5	18BQ1A0223	Ch.Madhumitha	
			19BQ5A0210	K.Rahul	
			18BQ1A0203	A.Udaya sri	
			18BQ1A0224	Ch.Trinadh	

	Fast commutation error compensation for BLDC motors based on virtual neutral voltage (Dr.Ch.Rambabu)	A6	18BQ1A0218 18BQ1A0214 18BQ1A0251 18BQ1A0212	B.Jayalakshmi A.Sudhakar G.Ashok A.Siri Chandana Raman	
7	A hybrid cascaded multilevel converter for battery energy management in electric vehicles (Dr.P.Lakshman Naik)	A7	18BQ1A0222 18BQ1A0210 18BQ1A0209 18BQ1A0204	Ch.Sri Chandana A.Sravani A.Rakesh A.Tony Priya Durga	
8	Multi machine power system stability enhancement based on amended GWO approach (Dr.ILJ Baktha Singh)	A8	18BQ1A0235 18BQ1A0211 18BQ1A0241 18BQ1A0221	E.Harshitha A.Daiana Angel G.Hemanth B.Chandana Preethi	
9	Analysing the effect of communication time delays on the performance of LFC in multi area power system (Dr.Ch.Naga Sai Kalyan)	A9	19BQ5A0209 18BQ1A0243 18BQ1A0246 18BQ1A0208	J.Keerthi G.Sirisha G.Naga Sai A.Chemanth Abhinay	
10	A novel single stage single phase reconfigurable inverter topology for a solar power hybrid AC/DC home using Matlab Simulink (Mr.P.Mahamood Khan)	A10	18BQ1A0215 18BQ1A0248 18BQ1A0233 18BQ1A0220	BKLG Priya G.Sneha D.Malakonda Rayudu B.Chandu	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
11	A cascaded generalized integral control for multi-objective grid connected solar energy transfer system using Matlab Simulink (Mr.B.Srinivasa Raju)	A11	18BQ1A0250 19BQ5A0202 18BQ1A0201 18BQ1A0244	G.Sai Pavan Tej B.Venkata Sai Reddy A.Vaatsav G.Suma	
12	MEMS based hand gesture robo control (Mr.A.Naveen Reddy)	A12	18BQ1A0216 18BQ1A0237 18BQ1A0205 18BQ1A0217	B.Lakshmi Tulasi G.Srilatha A SNVP Kumar B.Sai Kumar	

13	IoT based substation monitoring and controlling (Mr. A. Rahiman)	A13	19BQ5A0205	Ch. Anil Kumar	
			18BQ1A0227	D. Ganesh	
			19BQ5A0211	K. Ravi Teja	
			18BQ1A0230	D. Anna Purna	
14	Simulation of wireless power transfer for electric vehicle applications using Matlab (Mr. P. Nagarjuna)	A14	18BQ1A0202	A. Prasant Kumar	
			19BQ5A0207	Ch. Suresh Kumar	
			19BQ5A0204	B. Madhava Kumar	
15	IoT based home automation over the cloud (Ms. A. Sai Anusha)	A15	18BQ1A0231	D. Keerthi	
			19BQ5A0208	D. Chaitanya	
			18BQ1A0225	Ch. Vara Lakshmi	
16	Grid or Load connected solar photovoltaic system using battery storage (Mrs. ILB Sowjanya)	A16	18BQ1A0234	E. Venkata Sai Pavan kumar	
			19BQ5A0206	Ch. Ravi	
			18BQ1A0232	D. Bharath Srinivas	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
17	Arduino based alcohol engine sense lock and accident rescue system using GSM and GPS (Mrs. I. Revathi)	A17	18BQ1A0239	G. Harish	
			19BQ5A0201	A. Naresh	
			19BQ5A0203	B. Meghana	

Project incharge

HOD EEE
Electrical & Electronics Engineering
Vasudeva Venkateswara Institute of Technology
NALLUR (V), Padakhalasi (M.G.)



VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY
Accredited by NBA (B.Tech program), Approved by AICTE, Permanently Affiliated to JNTUK, NAAC
Accredited with 'A' Grade, ISO 9001:2015 Certified
Nambur (V), Peddakakani (M), Guntur (Dt.), Andhra Pradesh - 522 508, www.vvitru.edu.com






DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



IV B.Tech II-sem (R16) Project Title and guide allotment (2018 Batch)





Date: 17-2-2022


S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
1	Cyber Security for transmission line overflow analysis in power system (Dr.A.V.Naresh Babu)	B1	19BQ5Q0214	K.Likhitha	
			18BQ1A0269	K.Dasaradha Rami Reddy	
			19BQ5A0216	K.Bhavana	
			18BQ1A0298	M.Vyshnavi	
2	Multilanguage Voice control home automation using Arduino (Dr.S.Ravindra)	B2	18BQ1A0280	K.Gayathri	
			18BQ1A0290	M.Sai Lavanya	
			19BQ5A0212	K.Hari Naik	
			18BQ1A0289	M.Benoni Kumar	
3	Analysis of micro grid operation using renewable energy sources (Dr.Ch.V.Suresh)	B3	18BQ1A0281	K.Abinaye	
			19BQ5A0220	M.Sateesh Kumar	
			18BQ1A0294	Md.Afroz Jani Basha	
			19BQ5A0222	N.Deepika	
4	Simulation and performance analysis of electric two wheeler (Dr.D.Srilatha)	B4	18BQ1A0295	M.Pravallika	
			19BQ5A0221	N.Vaishnav Kumar	
			18BQ1A0277	K.Avinash	
			18BQ1A02A1	N.Sathish	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
5	Low frequency under water wireless power transfer: Maximum efficiency tracking strategy (Mr.Sk.Rasululla)	B5	18BQ1A0285	K.Sai chandana	
			18BQ1A0283	K.Daisy Vincelet	
			18BQ1A0284	K.Meghana	
			18BQ1A0257	K.Kamal Teja	

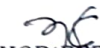
6	RFID and Finger print based electronic voting system (Dr.Ch.Rambabu)	B6	18BQ1A0276	K.Suvarna	
			18BQ1A02A4	N.Mounika	
			19BQ5A0213	K.Venkateswarlu	
			18BQ1A0288	L.Manikanta	
7	Switching bi-directional buck boost converter based on electric vehicle hybrid energy storage for V2G system (Dr.P.Lakshman Naik)	B7	18BQ1A0296	M.Sravanthi	
			18BQ1A0291	M.Sai siva reddy	
			18BQ1A0260	K.Prathyusha	
			18BQ1A0263	K.Lavanya	
8	A five phase two machine vector controlled induction motor drive supplied from a single inverter (Dr.ILJ Baktha Singh)	B8	18BQ1A0292	M.Durga Sambhavi	
			18BQ1A02A7	O.Bhanu Prakash	
			18BQ1A0262	K.Leela Venkatasai	
			18BQ1A0297	M.Madhu Prasanthi	
9	Ascertainment of appropriate GRC structure for two area thermal system under seagull optimization based 2DOF-PID controller (Dr.Ch.N.Sai Kalyan)	B9	18BQ1A0271	K.Mahesh Babu	
			18BQ1A0266	K.Siddardha	
			18BQ1A0268	P.Keerthi Chowdary	
			18BQ1A02A2	N.Yamini	
10	Fuzzy control of doubly fed induction generator based wind power system (P.Mahamood Khan)	B10	18BQ1A0275	K.Naga Purna	
			18BQ1A0259	K.Kavya	
			18BQ1A0299	M.Divya Sri	
			18BQ1A0274	K.Sri Kavya	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
11	Enhancement in AGC performance of multi area interconnected power system with practical constraints using WCA based PID controller (Mr.B.Srinivasa Raju)	B11	18BQ1A0282	K.Narendra Kumar	
			18BQ1A0279	K.Gopi Satya Siva Kumar	
			19BQ5A0215	K.Alekhyia	
12	Missile detection by Ultrasonic and Auto destroy System IoT (Mr.A.Naveen Reddy)	B12	18BQ1A02A0	J.Naga mohana kruthi	
			18BQ1A02A5	M.Nithya	
			18BQ1A0267	K.Akhila	
			18BQ1A0273	K.Keerthi Priya	
			18BQ1A02A8	P.Pradeepthi	

13	Implementation of speed violation detection system using IoT (Mr.A.Rahiman)	B13	18BQ1A0278	K.Venkata Sri Lekha	
			18BQ1A0272	K.Vinuthna Chowdary	
			18BQ1A0255	K.Sangeetha	
			18BQ1A0258	K.Meghana	
14	Intelligent traffic control systems (Mr.P.Nagarjuna)	B14	18BQ1A0270	K.Sai Adithi	
			18BQ1A0293	M.Rupak Sai	
			18BQ1A0287	L.Koti Siva Naga Praveen	
15	Advanced walking stick (MrsA.Sai Anusha)	B15	18BQ1A0264	K.Aiswarya Reddy	
			18BQ1A0265	K.Lakshmi Prasanna	
			19BQ5A0218	M.Naveen	
16	Power load balancing using Fuzzy logic (Mrs.I.Revathi)	B16	18BQ1A0261	K.Murali Reddy	
			18BQ1A0286	K.Vijay Sagar	
			19BQ5A0219	M.Mahesh Naik	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
17	Design of expert system for electric vehicle using AI PROLOG (Mrs.ILB Sowjanya)	B17	18BQ1A0256	K.Mallikarjuna	
			18BQ1A02A3	N.Manikanta	
			19BQ5A0217	M.Rajkumar	


Project incharge


HOD/EEE
Head of the Department
Electrical & Electronics Engineering
Vasireddy Venkatadri Institute of Technology
NAMUR (V), Padakakani (Mdl)



VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY
Accredited by NBA (B.Tech program), Approved by AICTE, Permanently Affiliated to JNTUK, NAAC
Accredited with 'A' Grade, ISO 9001:2015 Certified
Nambur (V), Peddakani (M), Guntur (Dt.), Andhra Pradesh - 522 508, www.vvitguntur.com



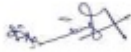


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



IV B.Tech II-sem (R16) Project Title and guide allotment (2018 Batch)





Date: 17-2-2022


S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
1	Power System load forecasting using Big Data Analysis (Dr.A.V.Naresh Babu)	C1	18BQ1A02C0	PVS Gowtham	
			18BQ1A02F0	ULV Siva Sai	
			18BQ1A02D4	Sk.Sabunbi	
			18BQ1A02G0	V.Pavan Sai Reddy	
2	Fault detection of transmission line using Arduino (Dr.S.Ravidra)	C2	18BQ1A02B2	P.Ravi Teja	
			18BQ1A02B1	P.Mahesh Babu	
			19BQ5A0230	M.Tony Blaier	
			18BQ1A02B9	P.Hemanth Kumar	
3	Analysing the economic load dispatch with multi fuel options using matlab (Dr.Ch.V.Suresh)	C3	18BQ1A02C9	Sk.Abdul Khadeer	
			19BQ5A0226	B.Sai Bhavani	
			19BQ5A0223	P.Yesu Babu	
			19BQ5A0225	R.Sree Rama Chandra	
4	Simulation and Analysis of grid integrated renewable energy based hybrid power plant (Dr.D.Srilatha)	C4	18BQ1A02F8	V.Sai Swarupa	
			18BQ1A02F2	V.Siva Rama Krishna	
			18BQ1A02E0	T.Jeevan	
			19BQ5A0234	Y.Mahesh	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
5	Hybrid Wind/PV/Battery energy management based intelligent non-integer control for smart DC micro grid of smart university (Sk.Rasululla)	C5	18BQ1A02B7	P.Sri Harsha	
			18BQ1A02C7	S.Bhulakshmi	
			19BQ5A0224	P.Nagaraju	
			18BQ1A02D9	S.Lakshmi Venkata Sai	

6	Implementation of solar PV battery and diesel generator based electrical vehicle charging station (Dr.Ch.Rambabu)	C6	18BQ1A02D5	Sk.Sadiya Begum	
			18BQ1A02F5	V.Harshitha	
			18BQ1A02G2	Y.Namratha Sai	
			18BQ1A02F6	V.Mohana Sai Sree	
7	Analysis of IoT based switching operations on electrical distribution systems (Dr.P.Lakshman Naik)	C7	18BQ1A02D0	Sk.Asma	
			19BQ5A0233	V.Sai Kiran	
			18BQ1A02F1	U.Gowri	
			18BQ1A02G4	G.Ganesh	
8	Multifunctional non-isolated dual input and dual output converter for electric vehicle applications (Dr.IJ Baktha Singh)	C8	18BQ1A02C4	Rayapudi Hemana	
			18BQ1A02E2	Tarun K	
			18BQ1A02F4	V.S.V. Naga Prasad	
			18BQ1A02B8	P.V.N.Sai Harideep	
9	Exhibiting the effect of AVR coupling on the performance of LFC in multi area hybrid power system (Dr.Ch.N.Sai Kalyan)	C9	18BQ1A02C2	Ramya K	
			19BQ5A0231	U.Dhana Raj	
			18BQ1A02C6	S.Rajesh	
			18BQ1A02B4	P.Bharath	
10	Wireless wheel chair control with hand gesture recognition using MEMS technology (Mr.P.Mahamood Khan)	C10	18BQ1A02E5	T.Pavan Chandra Sai Ganesh	
			18BQ1A02E3	T.Sindhujaa	
			18BQ1A02D6	Sk.Sajid	
			19BQ5A0227	S.Mounika	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
11	Position sensor less synchronous reluctance generator based grid tied wind energy conversion system with the adaptive observer control (Mr.B.Srinivasa Raju)	C11	18BQ1A02B3	P.Lakshmi Sai Tulasi	
			18BQ1A02B0	P.Manisha	
			18BQ1A02F3	Vasuprada R.	
			18BQ1A02F9	V.Sai Krishna	
12	Operation of Quasi Z-source inverter using solar energy (Mr.A.Naveen Reddy)	C12	18BQ1A02C8	S.Deepika Rani	
			18BQ1A02D8	Sk.Sumaya	
			18BQ1A02E1	T.Manasa	
			18BQ1A02E4	T.Gopi Krishna	

13	Designing and fault detection in short transmission lines using wavelet transform in Matlab-Simulink (Mr.A.Rahiman)	C13	18BQ1A02F7	V.Lakshmi Bhavana	
			18BQ1A02B5	P.Yugandhar	
			18BQ1A02D7	Sk.Suhana Begum	
			18BQ1A02G3	R.Yaswin Kumar	
14	Automatic Power Factor correction: Low cost Solution using Arduino (Mr.P.Nagarjuna)	C14	18BQ1A02A9	P.Alekhyia	
			19BQ5A0229	S.Venkata Trinath	
			18BQ1A02C3	R.Prathyusha	
			18BQ1A02E6	T.Naga Manoj	
15	Analysis of effect of solar module parameters on solar plant using Matlab-Simulink (Mrs.ILB Sowjanya)	C15	18BQ1A02E7	T.Pallavi	
			18BQ1A02E9	U.Raja Naga Manikanta	
				Sk.Ejaz Ahamed	
16	Automatic Voltage regulation using global optimization algorithms based traditional controller (Ms.A.Sai Anusha)	C16	18BQ1A02D1		
			18BQ1A02C5	R.Ratna Harshini	
			18BQ1A02B6	P.Kiran	
			18BQ1A02E8	T.Tharun Kumar	

S.No.	Project Title & Guide Name	Batch Code	Regd. Number	Name of student	Signature of guide
17	Stability analysis of conventional hydro-thermal power system using classical controllers (Mrs.I.Revathi)	C17	18BQ1A02G1	Y.Jahnvi	
			19BQ5A0228	Sk.Baji Moien	
			19BQ5A0232	V.Uma Mahesh	


Project Incharge


HOD, EEE
Head of the Department
Electrical & Electronics Engineering
Vasreddy Venkatarani Institute of Technology
NAMUR (V), Padakakani (Mdl.)