



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


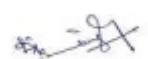






DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 18-1-2021

IV B.Tech II-sem (R16) Project Batches (2017 Batch)

Class: IV B.Tech EEE (A-Section)

| S.No. | Project Title & Guide Name | Batch code | Student Regd.Number | Student Name | Signature of guide |
|-------|---|------------|---------------------|---------------------------------------|--------------------|
| 1 | Campus tariff analysis using Power-Bi (Dr.A.V.Naresh Babu) | A1 | 17BQ1A0206 | AREKUTI CHANDRIKA | |
| | | | 17BQ1A0237 | JORIGY DIVYA | |
| | | | 17BQ1A0238 | KAJA AMAR KUMAR | |
| | | | 17BQ1A0213 | BHIMAVARAPU LAHARI | |
| 2 | Modeling of electric vehicle using Matlab and Simulink (Dr.Ch.Rambabu) | A2 | 17BQ1A0217 | BOMMISETTY TEJA VENKATA NAGA SAI | |
| | | | 17BQ1A0252 | KONDAVEETI SONY | |
| | | | 18BQ5A0212 | MEDA GAYATHRI | |
| | | | 17BQ1A0249 | KONDA NAGA SAI | |
| 3 | Matlab implementation of Artificial Neural Network based MPPT for solar PV system (Mr.A.Rahiman) | A3 | 17BQ1A0201 | ADUSUMALLI NAGA DIVYA | |
| | | | 17BQ1A0207 | ATHOTA VANI | |
| | | | 17BQ1A0250 | KONDA RAGHUNADH | |
| | | | 18BQ5A0202 | AREPALLI SRI LEKHA | |
| 4 | LIFI based Supermarket Cart (Mr.P.Nagarjuna) | A4 | 17BQ1A0204 | AMMISETTY SRAVYA | |
| | | | 17BQ1A0245 | KAVURI KOMALA NAGA SAI SRI MOUNIKA | |
| | | | 17BQ1A0235 | JONNALA KAVYA | |
| 5 | Analysis of DC-DC converters using P&O technique in Grid utility PV system (Dr.S.Ravindra) | A5 | 17BQ1A0244 | KARAMTHOT KEERTHI SRI | |
| | | | 17BQ1A0228 | GOLI MEEENAKSHI | |
| | | | 18BQ5A0209 | KONKA UDAYA BHASKAR | |
| | | | 17BQ1A0209 | BANDARU PAVAN KRISHNA SRIDHAR | |

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|----|--|-----|------------|---|---|
| 6 | Z-source Inverter (Mr.A.Naveen Reddy) | A6 | 17BQ1A0215 | BOBBURI ANUSHA |  |
| | | | 17BQ1A0203 | ALLA VENKATA PAJESH | |
| | | | 17BQ1A0216 | BODAPATI VAMSI KRISHNA | |
| | | | 17BQ1A0222 | DANABOINA RAJESH | |
| 7 | Design and analysis of cascaded multi level inverter (Dr.ILJ Baktha Singh) | A7 | 17BQ1A0239 | KALANGI GOPALA KRISHNA |  |
| | | | 18BQ5A0205 | DEVARAPALLI NARENDRA | |
| | | | 17BQ1A0251 | KONDA VAMSI KRISHNA REDDY | |
| | | | 17BQ1A0236 | JONNALAGADDA SUDHEER | |
| 8 | A smart voltage stability maneuver algorithm for voltage collapse mitigation (Mr. B.Srinvasa Raju) | A8 | 17BQ1A0243 | KANNEGANTI PRUDHVI |  |
| | | | 17BQ1A0260 | LANKA SRI SAI VENKATA PAMA KRISHNA SASTRY | |
| | | | 17BQ1A0212 | BHASKARUNI VENKATA HANUMATH NAGA SAINADH | |
| | | | 17BQ1A0234 | JAVVAJI GANESH VIRUPAKSHA KUMAR | |
| 9 | Automatic generation control of two area power system by hybrid control technique (Dr.Ch.Nagasai Kalyan) | A9 | 17BQ1A0255 | KORPAPATI VENKATA MAHESH BABU |  |
| | | | 18BQ5A0206 | GERA CHINNU | |
| | | | 17BQ1A0220 | CHINNAM NAGA SAI JASWANTH | |
| | | | 18BQ5A0203 | AVULAMANDA MAHESH | |
| 10 | Load forecasting using Machine Learning (Dr.D.Srilatha) | A10 | 17BQ1A0210 | BEHARA MANASA DEVI |  |
| | | | 18BQ5A0210 | KOTA KAMAL DAN | |
| | | | 17BQ1A0258 | KURAPATI SANDHYA | |
| | | | 17BQ1A0242 | KANDRU SAI CHARAN | |
| 11 | Wireless mobile phone battery charger (Mr.K.V.Kumar Kavuturu) | A11 | 17BQ1A0225 | DASARI VASUDHA |  |
| | | | 17BQ1A0248 | KOLLURU PRIYANKA | |
| | | | 17BQ1A0226 | DONE SRINIVASA RAO | |
| | | | 17BQ1A0205 | ANAMDASU PAVAN SAI | |
| 12 | Simulation of feedback based resonant converters (Mrs.A.Anusha) | A12 | 17BQ1A0214 | BOBBA SAI GANESH |  |
| | | | 18BQ5A0208 | JUPALLI SRUTHI | |
| | | | 17BQ1A0219 | CHALLA SAI KIRAN | |
| | | | 17BQ1A0254 | KOPPOLU GANGA RAMA SAINATH | |
| 13 | Neural Network based Face recognition using Matlab (Mr.Sk.Rasululla) | A13 | 17BQ1A0241 | KANDA POOJITHA |  |
| | | | 17BQ1A0233 | JALA AMULYA RECHAL | |
| | | | 18BQ5A0211 | MANIKYALA AKHIL SAI | |
| | | | 17BQ1A0257 | KURAPATI BHAVYA | |

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| 14 | FACTS using TSC (Mrs.T.Vasavi Prathyusha) | A14 | 17BQ1A0232 | ISLAVATH JAYA PRAKASH NAIK | TVP |
| | | | 17BQ1A0221 | CHITTARI KALANGI HARICHANDANA | |
| | | | 17BQ1A0256 | KOTHIMERA SUBHASH | |
| | | | 17BQ1A0246 | KOLLI NAGA ABISHEK | |
| 15 | Power System fault analysis using artificial neural network (Dr.A.V.Naresh Babu) | A15 | 17BQ1A0208 | ATMAKURI GOVARDHINI | N/A |
| | | | 17BQ1A0229 | GORIKAPUDI NEHA | |
| | | | 17BQ1A0247 | KOLLURU DHANESH BABU | |
| 16 | Load protection using relay (Mr.P.Mahamood Khan) | A16 | 18BQ5A0207 | JAHERA | M. Khan |
| | | | 17BQ1A0259 | KURRA DINDIMA SRI ISWARYA | |
| | | | 17BQ1A0211 | BHARATULA SHANMUKHA PAVANI SRILAKSHMI | |
| | | | 17BQ5A0214 | MURALI KRISHNA | |
| 17 | Enhancement of power quality in grid integrated system using EV battery based Statcom (Dr.P.Lakshman Naik) | A17 | 18BQ5A0204 | CHINTALA PREM NAGAKUMAR | P. Naik |
| | | | 17BQ1A0227 | GOGULA DURGA PRASAD | |
| | | | 17BQ1A0223 | DARSI TABITHA | |
| | | | 17BQ1A0230 | GORREMUCHU MUKHUL | |
| 18 | Analyzing the effect of load modeling on 3-ph transmission system (Dr.Ch.V.Suresh) | A18 | 17BQ1A0240 | KAMINENI VENKATA SYAMALA | Ch.V. Suresh |
| | | | 17BQ1A0224 | DASARAJU VENKATA SAI KUMAR | |
| | | | 17BQ1A0202 | ALLA NIKITHA | |
| | | | 17BQ1A0231 | GUDE HEMANTH | |


Project Incharge


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IV B.Tech II-sem (R16) Project Batches (2017 Batch)

Date: 18-1-2021


Class: IV B.Tech EEE (B-Section)

| S.No. | Project Title & Guide Name | Batch code | Students Regd. Number | Student Name | Signature of guide |
|-------|--|------------|-----------------------|-----------------------------|--------------------|
| 1 | Solar power analysis through Python analytical tools (Dr.A.V.Naresh Babu) | B1 | 17BQ1A0272 | NAMBURU SATYA DEV SAI VIVEK | |
| | | | 18BQ5A0219 | RAVI VENUGOPAL | |
| | | | 17BQ1A0273 | NARRA YUGENDRA | |
| 2 | Accident detection and messaging system using GPS and GSM (Dr.Ch.Rambabu) | B2 | 17BQ1A0279 | PATHAN HUSNEJAH | |
| | | | 17BQ1A0296 | SHAIK SIDDIQ | |
| | | | 17BQ1A02B3 | VAKA MAHENDRA | |
| 3 | Industrial automatic emergency alerting and protection system (Mr.A.Rahiman) | B3 | 18BQ5A0224 | SUKAMANCHI VENKATESWARA RAO | |
| | | | 17BQ1A0269 | NADENDLA SUJITH KUMAR | |
| | | | 17BQ1A02A1 | TANDU ESWAR RAVITEJA | |
| | | | 17BQ1A0275 | ONGOLU AJAY KUMAR | |
| 4 | Student college alert system to parents by their entry at the college premises by using RFID and GSM SMS technology (Mr.P.Nagarjuna) | B4 | 17BQ1A0261 | MAMIDI PAVAN KUMAR | |
| | | | 17BQ1A02A3 | TATUKURI JAYASURYA | |
| | | | 17BQ1A0288 | SHAIK APSAR JANI | |
| | | | 17BQ1A0299 | SUNKARA HARANATH | |
| 5 | Design and simulation of wireless charging system for electric vehicles by using Matlab simulink (Dr.S.Ravindra) | B5 | 17BQ1A0277 | PALURI SIVA KRISHNA REDDY | |
| | | | 17BQ1A02A9 | TURAKA DIVYA | |
| | | | 18BQ5A0214 | NELATURI NIKHIL | |

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| 6 | A Single stage 1-ph reconfigurable inverter topology for a solar power hybrid AC/DC home using Matlab (Mr.A.Naveen Reddy) | H6 | 17BQ1A02A6 | THODDETI SWAROOP CHANDRA |  |
| | | | 17BQ1A02A4 | TEENIDRA BAI KUMAR | |
| | | | 17BQ1A0294 | BHAIK MOHAMMAD RAFFI | |
| | | | 17BQ1A0297 | BHAIK ZAHID | |
| 7 | Stepper motor control with Arduino and rotor encoder (Dr.ILJ Baktha Singh) | H7 | 17BQ1A0285 | BAHKATAJA VENKATA VEERA |  |
| | | | 17BQ1A0284 | PAVIDRA BABU | |
| | | | 18BQ5A0226 | BANDURU GAYATHRI | |
| | | | 18BQ5A0221 | VARRA BHAVANA | |
| 8 | Battery management system of electric vehicles (B.Srinvasa Raju) | H8 | 17BQ1A0295 | BALAGATA YASWANTHI HARBHA |  |
| | | | 18BQ5A0223 | BHAIK NIZAMUDDIN | |
| | | | 17BQ1A0293 | BOWDAGAR MOHAMMED FAIZ | |
| | | | 17BQ1A0262 | ALI BABU | |
| 9 | Determination of appropriate GRC modeling of optimal LFC of multi area thermal system (Dr.Ch.Nagasai Kalyan) | H9 | 17BQ1A02B5 | BHAIK MOHAMAD BHASID |  |
| | | | 17BQ1A0266 | MANASA BBI BAI B | |
| | | | 18BQ5A0216 | VIPPABLA PARAM JYOTHI | |
| | | | 17BQ5A0211 | MEDA GOPI | |
| 10 | Simulation and analysis of sinusoidal pulse width modulation inverter (Dr.D.Srilatha) | B10 | 17BQ1A02B1 | PARAM VEDURONDALU |  |
| | | | 17F01A0220 | K HEMANTHI KUMAR | |
| | | | 18BQ5A0218 | VADDEMPUDI BAI INDUMATHI | |
| | | | 17BQ1A0265 | H EMILY PRIYA | |
| 11 | Advanced protection system for Transformer using IOT technology (Mr.K.V.Kumar Kavuturu) | B11 | 17BQ1A0290 | PRATHURI PRABANNA KUMARI |  |
| | | | 17BQ1A0268 | MATTUPALLI DEVANATH | |
| | | | 17BQ1A0270 | BHAGAVAN | |
| | | | 17BQ1A0280 | BHAIK PARISEEN | |
| 12 | Fault Current Interruption by the Dynamic Voltage Restorer (Mrs.A.Anusha) | B12 | 18BQ5A0215 | MUDIGONDA BBI BOWMYA |  |
| | | | 18BQ5A0227 | NADIMPALLI KARTHIK | |
| | | | 17BQ1A0274 | PEMMARAJU NIKHIL | |
| | | | 18BQ5A0225 | PABBU YASWANTHI BBI | |
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| 13 | Indoor air quality monitoring system based on IOT (Mr.Sk.Rasululla) | B13 | 17BQ1A02A8 | THUMMALA CHANDRA HASINI |  |
| | | | 18BQ5A0217 | POTTI AKHILESH KUMAR | |
| | | | 18BQ5A0222 | SHAIK SHAREEF | |
| | | | 17BQ1A0271 | NALLAMOLU HEMA VENKATESWARA RAO | |
| 14 | Industrial Motor Control Center Controlling And Monitoring (Mrs.T.Vasavi Prathyusha) | B14 | 17BQ1A0278 | PATCHA PRAVALLIKA | Tye |
| | | | 17BQ1A0287 | SETTI JAYASRI | |
| | | | 17BQ1A02B4 | VALLETI DHANUSH SAI SRINIVAS | |
| | | | 17BQ1A0282 | PUVVADA UDAYA SRI | |
| 15 | Energy management and control strategy of photovoltaic/battery hybrid distributed power generation systems with an integrated three port power convertor (Dr.Ch.Rambabu) | B15 | 17BQ1A0283 | RAJAVARAPU SRI MANIKANTA |  |
| | | | 18BQ5A0213 | MEKALA RAJA RATNA BHUSHAN | |
| | | | 17BQ1A02A0 | SUREPALLI SANDEEP KUMAR | |
| | | | 17BQ1A0286 | SARIPUDI RAJA SEKHAR | |
| 16 | LIFI based generator protection using ATMEGA328P (Mr.P.Mahamood Khan) | B16 | 17BQ1A02A2 | TATA SIVA NAGA VEERA VENKATA SUBBA RAO |  |
| | | | 17BQ1A0263 | MANCHALA HARIKA | |
| | | | 17BQ1A0267 | MIR NASAR ALI | |
| | | | 17BQ1A0298 | S VENKATA SAHITHI VARMA | |
| 17 | Adaptive control of Voltage Source converter based scheme for Power quality improved Grid-interactive solar PV battery system (Dr.P.Lakshman Naik) | B17 | 17BQ1A0289 | SHAIK BASHA MOHIDDIN |  |
| | | | 17BQ1A0264 | MARELLA GANESHA | |
| | | | 17BQ1A02A5 | THAMMULURI TEJA | |
| | | | 17BQ1A0292 | SHAIK MOBEENA SULTANA | |
| 18 | Certain analytical aspect of 3-ph distribution system (Dr.Ch.V.Suresh) | B18 | 17BQ1A02B0 | ULLANGULA KALYAN |  |
| | | | 17BQ1A02A7 | THOTAMSETTY DEVI VEENA MADHURI | |
| | | | 17BQ1A02B2 | VADUGU ARAVIND SURYA | |
| | | | 17BQ1A0281 | PERAVALI PAULSON | |


Project Incharge


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