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 Date: 27-07-2021

**IV B.Tech II-sem (R16) Project External Viva voce (2017 Batch)**

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

**Date of exam: 28-07-2021**

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| **IV B.Tech II-Sem Project VIVA-VOCE for EEE-A on 28-07-2021 from 9.00 AM onwards****https://teams.microsoft.com/l/meetup-join/19%3aYwf5b44nqahzZfGrmAG\_19Z9fPCeJ44w3TAfidiZoZU1%40thread.tacv2/1627367422852?context=%7b%22Tid%22%3a%22f6981b0a-3915-4628-be7e-368196415f8f%22%2c%22Oid%22%3a%22585c1e13-f45b-4ad6-a413-10fae92d7178%22%7d** |
| **S.No.** | **Project Title & Guide Name** | **Batch code** | **Student Regd.Number** | **Student Name** | **Time** |
| 1 | Campus tariff analysis using Power-Bi  **(Dr.A.V.Naresh Babu)** | A1 | 17BQ1A0206 | AREKUTI CHANDRIKA | 9.00 AM to 9.15 AM |
| 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 | 9.15 AM to 9.30 AM |
| 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 | 9.30 AM to 9.45 AM |
| 17BQ1A0207 | ATHOTA VANI |
| 17BQ1A0250 | KONDA RAGHUNADH |
| 18BQ5A0202 | AREPALLI SRI LEKHA |
| 4 | LIFI based Supermarket Cart **(Mr.P.Nagarjuna)** | A4 | 17BQ1A0204 | AMMISETTY SRAVYA | 9.45 AM to 10.00AM |
| 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 | 10.00 AM to 10.15 AM |
| 17BQ1A0228 | GOLI MEENAKSHI |
| 18BQ5A0209 | KONKA UDAYA BHASKAR |
| 17BQ1A0209 | BANDARU PAVAN KRISHNA SRIDHAR |
| 6 | Z-source Inverter **(Mr.A.Naveen Reddy)** | A6 | 17BQ1A0215 | BOBBURI ANUSHA | 10.15 AM to 10.30 AM |
| 17BQ1A0203 | ALLA VENKATA RAJESH |
| 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 | 10.30 AM to 10.45 AM |
| 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 | 10.45 AM to 11.00 AM |
| 17BQ1A0260 | LANKA SRI SAI VENKATA RAMA 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 | KORRAPATI VENKATA MAHESH BABU | 11.00 AM to 11.15 AM |
| 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 | 11.15 AM to 11.30 AM |
| 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 | 11.30 AM to 11.45 AM |
| 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 | 11.45 AM to 12.00 PM |
| 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 | 1.30 PM to 1.45 PM |
| 17BQ1A0233 | JALA AMULYA RECHAL |
| 18BQ5A0211 | MANIKYALA AKHIL SAI |
| 17BQ1A0257 | KURAPATI BHAVYA |
| 14 | FACTS using TSC **(Mrs.T.Vasavi Prathyusha)** | A14 | 17BQ1A0232 | ISLAVATH JAYA PRAKASH NAIK | 1.45 PM to 2.00 PM |
| 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 | 2.00 PM to 2.15 PM |
| 17BQ1A0229 | GORIKAPUDI NEHA |
| 17BQ1A0247 | KOLLURU DHANESH BABU |
| 16 | Load protection using relay **(Mr.P.Mahamood Khan)** | A16 | 18BQ5A0207 | JAHERA | 2.15 PM to 2.30 PM |
| 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 | 2.30 PM to 2.45 PM |
| 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 | 2.45 PM to 3.00 PM |
| 17BQ1A0224 | DASARAJU VENKATA SAI KUMAR |
| 17BQ1A0202 | ALLA NIKITHA |
| 17BQ1A0231 | GUDE HEMANTH |

**Note:**

1. Students should join online conference at 8.45 AM sharp and MS teams online links will be provided one day before Viva voce
2. Students should wear their college ID and enable their video camera before presentation
3. Presentation through phones strictly is prohibited, advisable to use laptop or desktop
4. Use standard template for PPT and authorize the same with your guide before presentation
5. Every project member in the batch should have the presentation slides and project report softcopy available with him/her

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Project Coordinator HOD, EEE