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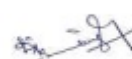






DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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	

6	Z-source Inverter <b>(Mr.A.Naveen Reddy)</b>	A6	17BQ1A0215	BOBBURI ANUSHA	
			17BQ1A0203	ALLA VENKATA PAJESH	
			17BQ1A0216	BODAPATI VAMSI KRISHNA	
			17BQ1A0222	DANABOINA RAJESH	
7	Design and analysis of cascaded multi level inverter <b>(Dr.ILJ Baktha Singh)</b>	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 <b>(Mr. B.Srinvasa Raju)</b>	A8	17BQ1A0243	KANNEGANTI PRUDHVI	
			17BQ1A0260	LANKA SPI 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 <b>(Dr.Ch.Nagasai Kalyan)</b>	A9	17BQ1A0255	KORRAPATI VENKATA MAHESH BABU	
			18BQ5A0206	GERA CHINNU	
			17BQ1A0220	CHINNAM NAGA SAI JASWANTH	
			18BQ5A0203	AVULAMANDA MAHESH	
10	Load forecasting using Machine Learning <b>(Dr.D.Srilatha)</b>	A10	17BQ1A0210	BEHARA MANASA DEVI	
			18BQ5A0210	KOTA KAMAL DAN	
			17BQ1A0258	KURAPATI SANDHYA	
			17BQ1A0242	KANDRU SAI CHARAN	
11	Wireless mobile phone battery charger <b>(Mr.K.V.Kumar Kavuturu)</b>	A11	17BQ1A0225	DASARI VASUDHA	
			17BQ1A0248	KOLLURU PRIYANKA	
			17BQ1A0226	DONE SRINIVASA RAO	
			17BQ1A0205	ANAMDASU PAVAN SAI	
12	Simulation of feedback based resonant converters <b>(Mrs.A.Anusha)</b>	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 <b>(Mr.Sk.Rasululla)</b>	A13	17BQ1A0241	KANDA POOJITHA	
			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	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

  
HOD EEE  
Head of the Department  
Electrical & Electronics Engineering  
Vasireddy Venkatadri Institute of Technology  
NAMUR (V), Padakavani (MdL)



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING






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	



13	Indoor air quality monitoring system based on IOT <b>(Mr.Sk.Rasululla)</b>	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 <b>(Mrs.T.Vasavi Prathyusha)</b>	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 <b>(Dr.Ch.Rambabu)</b>	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 <b>(Mr.P.Mahamood Khan)</b>	B16	17BQ1A02A2	TATA SIVA NAGA VEERA VENKATA SUBBA RAO	
			17BQ1A0263	MANCHALA HARIKA	
			17BQ1A0267	MIR NASAR ALI	
			17BQ1A0298	S VENKATA SAHITH VARMA	
17	Adaptive control of Voltage Source converter based scheme for Power quality improved Grid-interactive solar PV battery system <b>(Dr.P.Lakshman Naik)</b>	B17	17BQ1A0289	SHAIK BASHA MOHIDDIN	
			17BQ1A0264	MARELLA GANESHA	
			17BQ1A02A5	THAMMULURI TEJA	
			17BQ1A0292	SHAIK MOBEENA SULTANA	
18	Certain analytical aspect of 3-ph distribution system <b>(Dr.Ch.V.Suresh)</b>	B18	17BQ1A02B0	ULLANGULA KALYAN	
			17BQ1A02A7	THOTAMSETTY DEVI VEENA MADHURI	
			17BQ1A02B2	VADUGU ARAVIND SURYA	
			17BQ1A0281	PERAVALI PAULSON	

  
Project Incharge

  
Head of Department  
Electrical & Electronics Engineering  
Vasreddy Venkatadri Institute of Technology  
NAMBUR (V), Padakavani (Mtl.)



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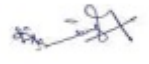








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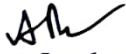
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING


Date: 22-3-2021

## II B.Tech II sem Social Relevant Project Guide allotment (A-sec)

S.No.	Project title and guide Name	Batch code	Student allotted from A-sec	Signature of Guide
1	Arduino based solar tracker <b>Dr.A.V.Naresh Babu</b>	A1	20BQ5A0201	
			19BQ1A0249	
			19BQ1A0212	
			19BQ1A0221	
19BQ1A0210				
2	Stress Detection System <b>Dr.S.Ravindra</b>	A2	19BQ1A0231	
			19BQ1A0206	
			19BQ1A0253	
			19BQ1A0257	
19BQ1A0201				
3	Alerting Mechanism to increase security against Fire Accidents <b>Dr.Ch.V.Suresh</b>	A3	19BQ1A0230	
			19BQ1A0202	
			19BQ1A0238	
			19BQ1A0218	
4	Automatic water pump switch ON-OFF circuit with 555 timer <b>Dr.D.Srilatha</b>	A4	20BQ5A0207	
			19BQ1A0224	
			19BQ1A0237	
			19BQ1A0208	
5	Weather monitoring system <b>Sk.Rasululla</b>	A5	20BQ5A0204	
			19BQ1A0233	
			19BQ1A0209	
			19BQ1A0254	
6	Face touch detection cap <b>Dr.Ch.Rambabu</b>	A6	19BQ1A0243	
			19BQ1A0234	
			19BQ1A0258	
			19BQ1A0255	
7	Automatic Smoke Detector <b>Dr.P.Lakshman Naik</b>	A7	19BQ1A0240	
			20BQ5A0206	
			19BQ1A0242	
			19BQ1A0217	

8	Automatic Hand Sanitizer Dispenser <b>Dr.ILJ Baktha Singh</b>	A8	19BQ1A0214 19BQ1A0239 19BQ1A0228 19BQ1A0216	
9	IOT based door automation system using Bluetooth and arduino for mobile phone <b>B.Srinivasa Raju</b>	A9	20BQ5A0205 19BQ1A0207 19BQ1A0259 19BQ1A0227	
10	IoT Based Air Pollution Monitoring System <b>P.M.Khan</b>	A10	19BQ1A0246 20BQ5A0202 19BQ1A0213 19BQ1A0250	
11	DIY Oxygen Kit <b>K. Vasista Kumar</b>	A11	19BQ1A0215 19BQ1A0244 19BQ1A0248 19BQ1A0211	
12	Generating Electricity From Sound Waves <b>A.Naveen Reddy</b>	A12	19BQ1A0251 19BQ1A0252 19BQ1A0245 19BQ1A0236	
13	IOT Based Flood Monitoring And Alerting System Using Arduino <b>A.Rahiman</b>	A13	19BQ1A0205 20BQ5A0203 19BQ1A0247 19BQ1A0203	
14	Automatic fire detection system using PIN Diode <b>Dr.Ch.N.Sai Kalyan</b>	A14	19BQ1A0232 19BQ1A0219 19BQ1A0220 19BQ1A0229	
15	Simple low power inverter <b>P.Nagarjuna</b>	A15	19BQ1A0235 19BQ1A0260 19BQ1A0222 19BQ1A0223	
16	secret knock detecting door lock using Aurdino <b>T.Vasavi Prathyusha</b>	A16	19BQ1A0225 19BQ1A0256 19BQ1A0241 19BQ1A0204	

  
Project Incharge

  
HOD EEE  
Head of the Department  
Electrical & Electronics Engineering  
Vasreddy Venkatadri Institute of Technology  
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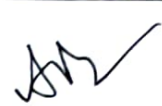


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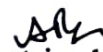
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**


Date: 22-3-2021

**II B.Tech II sem Social Relevant Project Guide allotment (B-sec)**

S.No.	Project title and guide name	Batch code	Student allotted from B-sec	Signature of guide
1	<b>Short Circuit Indicator</b> <b>Dr.A.V.Naresh Babu</b>	B1	19BQ1A0281	
			19BQ1A02A0	
			19BQ1A02A2	
			19BQ1A0298	
			19BQ1A0290	
2	<b>Solar Tractor</b> <b>Dr.S.Ravindra</b>	B2	20BQ5A0212	
			19BQ1A0292	
			19BQ1A0262	
			19BQ1A0272	
3	<b>Development of Low cost Pulse Oximeter using Arduino</b> <b>Dr.Ch.V.Suresh</b>	B3	19BQ1A0278	
			19BQ1A0274	
			19BQ1A02B7	
			19BQ1A02B6	
4	<b>Smart waste management system using arduino</b> <b>Dr.D.Srilatha</b>	B4	20BQ5A0208	
			19BQ1A0289	
			19BQ1A0280	
			19BQ1A0277	
5	<b>Social Status in modern Society</b> <b>Sk.Rasululla</b>	B5	20BQ5A0211	
			20BQ5A0209	
			19BQ1A0267	
			19BQ1A02A1	
6	<b>IOT based patient health monitoring System</b> <b>Dr.Ch.Rambabu</b>	B6	20BQ5A0213	
			19BQ1A0265	
			19BQ1A02B4	
			19BQ1A02A5	
7	<b>Stirling Engine</b> <b>Dr.P.Lakshman Naik</b>	B7	19BQ1A02A9	
			19BQ1A0268	
			19BQ1A0286	
			19BQ1A0276	
8	<b>Automatic Water Irrigation System Using Moisture Sensor And Arduinio</b> <b>Dr.ILJ Baktha Singh</b>	B8	19BQ1A0270	
			19BQ1A0264	
			19BQ1A0271	
			19BQ1A0294	

9	Room Noise detector <b>B.Srinivasa Raju</b>	B9	20BQ5A0210	
			19BQ1A0293	
			19BQ1A02B5	
			19BQ1A0266	
10	Home Automation Using Telegram Bot <b>P.M.Khan</b>	B10	19BQ1A02A3	
			19BQ1A0269	
			19BQ1A02B1	
			19BQ1A0287	
11	Face Steamer <b>K. Vasista Kumar</b>	B11	19BQ1A02B3	
			19BQ1A0284	
			19BQ1A0295	
			19BQ1A02B0	
12	Covid19 Detecting Device <b>A.Naveen Reddy</b>	B12	19BQ1A0285	
			19BQ1A0291	
			19BQ1A0273	
			19BQ1A02B2	
13	Women's Safety By One Touch Switch Using Arduino Uno <b>A.Rahiman</b>	B13	19BQ1A02C0	
			19BQ1A0299	
			19BQ1A02B9	
			19BQ1A0288	
14	Collision detector <b>Dr.Ch.N.Sai Kalyan</b>	B14	19BQ1A0296	
			19BQ1A0282	
			19BQ1A0263	
			19BQ1A02A8	
15	Solar Hydro Generation <b>P.Nagarjuna</b>	B15	20BQ5A0214	
			19BQ1A0283	
			19BQ1A0279	
			19BQ1A02A6	
16	Smart Blind stick <b>T.Vasavi Prathyusha</b>	B16	19BQ1A0297	TVR
			19BQ1A02A7	
			19BQ1A0261	
			19BQ1A02B8	

  
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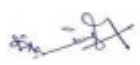







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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING


Date: 22-3-2021

### II B.Tech II sem Social Relevant Project Guide allotment (C-sec)

S.No.	Project title and guide name	Batch code	student allotted from C-sec	Signature of guide
1	Social Distancing Cap <b>Dr.A.V.Naresh Babu</b>	C1	20BQ5A0216	
			19BQ1A02D6	
			19BQ1A02E9	
			19BQ1A02D3	
			19BQ1A02H4	
2	Plant Moisture Monitoring System <b>Dr.S.Ravindra</b>	C2	20BQ5A0219	
			19BQ1A02F7	
			19BQ1A02E3	
			19BQ1A02C8	
			19BQ1A02E1	
3	Energy Saving Smart Staircase Lighting System <b>Dr.Ch.V.Suresh</b>	C3	20BQ5A0215	
			19BQ1A02D5	
			19BQ1A02D7	
			19BQ1A02D8	
4	Distance Measurement using Ultrasonic Sensor and Arduino <b>Dr.D.Srilatha</b>	C4	20BQ5A0218	
			19BQ1A02G6	
			19BQ1A02C4	
			19BQ1A02G0	
5	Usage of Waste materials <b>Sk.Rasululla</b>	C5	19BQ1A02H5	
			20BQ5A0221	
			19BQ1A02F5	
			19BQ1A02E0	
6	Smart Immersion Heater <b>Dr.Ch.Rambabu</b>	C6	19BQ1A02F9	
			19BQ1A02E8	
			19BQ1A02C6	
			19BQ1A02D4	
7	Earthquake detector <b>Dr.P.Lakshman Naik</b>	C7	19BQ1A02F1	
			19BQ1A02C5	
			19BQ1A02D9	
			19BQ1A02E2	

8	Water Level Indicator By Relay <b>Dr.ILJ Baktha Singh</b>	C8	19BQ1A02G5	
			19BQ1A02H7	
			19BQ1A02C3	
			19BQ1A02D2	
9	Brake Failure indicator using 555 Timer <b>B.Srinivasa Raju</b>	C9	19BQ1A02I0	
			19BQ1A02G1	
			19BQ1A02G8	
			19BQ1A02H6	
10	Remote console controlled rover with integrated microcontroller <b>P.M.Khan</b>	C10	20BQ5A0220	
			19BQ1A02D0	
			19BQ1A02H3	
			19BQ1A02G4	
11	Footstep Power Generation <b>K. Vasista Kumar</b>	C11	19BQ1A02E4	
			19BQ1A02F6	
			19BQ1A02H8	
			19BQ1A02H2	
12	Wireless Mobile Charger <b>A.Naveen Reddy</b>	C12	19BQ1A02C9	
			19BQ1A02C1	
			19BQ1A02H1	
			19BQ1A02F3	
13	Automatic Floor Cleaning Robot <b>A.Rahiman</b>	C13	19BQ1A02C7	
			19BQ1A02C2	
			19BQ1A02G7	
			19BQ1A02H9	
14	Automatic night lighting system <b>Dr.Ch.N.Sai Kalyan</b>	C14	19BQ1A02E6	
			19BQ1A02G2	
			19BQ1A02E7	
			19BQ1A02D1	
15	Automatic Water Dispenser By Using ARDUINO <b>P.Nagarjuna</b>	C15	19BQ1A02F0	
			19BQ1A02G3	
			19BQ1A02F2	
			19BQ1A02F4	
16	Free Energy Generator Using Fly Wheel Concept <b>T.Vasavi Prathyusha</b>	C16	19BQ1A02G9	TVR
			19BQ1A02E5	
			20BQ5A0217	
			19BQ1A02F8	

  
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