

**Prasanna V. Potluri Siddhartha Institute of Technology**  
**Department of Electrical and Electronics Engineering**  
**Academic Year 2022-23**

**IV B.Tech, II Semester (Section - I), Project Phase - II (19EE3861)**

Batch No.	Roll Numbers	Name of the student	Name of the Supervisor	Project Title	Best/Average
1	19501A0228	GOPSETTY KAVYA SRI	Dr.N.Vijayaanand	DESIGN OF 2kW INVERTER USING SiC DEVICES	Average
	19501A0207	BHUMA ADITYA			
	19501A0205	BALASA SRAVYA			
	19501A0208	BODDEBOINA VAMSI			
	19501A0217	CHIKKALA NIHARIKA			
2	19501A0253	KUCHIBHOTLA SRIJA LALITHA	Mr.M.Hemanth sai	OPTIMAL ALLOCATION OF DG'S IN RADIAL DISTRIBUTION SYSTEM FOR POWER LOSS MINIMIZATION	Average
	19501A0236	KADARI SAI SRI			
	19501A0229	GOTTIMUKKALA SOWNDARYA			
	19501A0251	KOUSHIK KUSAM			
3	20505A0203	CHEDURTHIPATI VINAY	Dr.D.Ragaleela	POWER MANAGEMENT SYSTEM BETWEEN MULTIPLE POWER SOURCES	Average
	19501A0206	BHIMAVARAPU BHARATH REDDY			
	19501A0202	APPIKATLA DIVYA SREE			
	19501A0211	BOYINA KHYATI VARDHINI			
4	19501A0250	KOTHAPALLI LAKSHMI RASAGNA	Dr.K.Lenin	SOLAR POWERED SOIL AND WEATHER MONITORING SYSTEM USING IOT	Best
	19501A0219	CHINNAM NIVEDITH			
	19501A0245	KODALI KRISHNA KUMARI			
	19501A0241	KASTHALA UDAY KIRAN			



5	19501A0220	CHINTALA THANUSHA	Dr.P.Muthukumar	FPGA BASED PWM GENERATION FOR INVERTER	Average
	19501A0237	KAKANI MAHATHI			
	20505A0201	ABDUL SAMEER			
	19501A0255	MADDA JAYA SIMHAM			
6	20505A0205	DURGA PRASANTH KANURI	Mr.M.Seshu	A NOVEL SEPIC CONVERTER FED BLDC MOTOR DRIVE FOR ENHANCED POWER FACTOR	Average
	19501A0218	CHIKKAM BALAMANIKANTA			
	19501A0221	DASARI SUSHMA			
	19501A0234	GUTHALA SUDHA			
7	20505A0207	KOPPAKA HEMANTH KUMAR	Mr.P.Karunakar	REMOTELY OPERATED UNDERWATER SURVEILLANCE VEHICLE	Best
	19501A0233	GUNDA SAI KRISHNA			
	19501A0212	CHAGANTIPATI VENKATA NAGA SAI VARA PRASAD			
	19501A0216	CHENNUBOINA SEKHAR			
8	19501A0239	KANNEGANTI KAVYA SRI	Mr.B.Balasaibabu	WIND SPEED AND WIND POWER FORECASTING USING ARTIFICIAL INTELLIGENCE	Best
	19501A0222	DHEVARAPALLI EVANGELIN			
	19501A0240	KARATAPU SUNNY			
	19501A0227	GANGAVARAPU SUMANTH BABU			
9	19501A0249	KOTA SONY DAKSHAYANI	Mr.B.Baddunaik	EFFECTIVE TRANSMISSION CONGESTION MANAGEMENT USING OPTIMIZATION TECHNIQUE	Average
	19501A0225	DUBBA PRABHAS			
	19501A0247	KOLLURI GEETHA			
	19501A0235	JAKKAM SURESH			
10	19501A0231	GULLIPALLI NAGASRIVALLI	Dr.C.Kumar	DESIGN AND SIMULATION OF AUTOMATIC SUN TRACKING SOLAR PANEL USING ARDUINO	Best
	19501A0246	KOKA PHANI SUNDAR			
	19501A0232	GUMMADI GLORY			
	20505A0206	KONDA RUBEN			



11	19501A0242	KATRAGADDA SAI JITENRA CHOWDARY	Mr.B.Mohan	OPTIMAL PLACEMENT OF ELECTRIC VEHICLE CHARGING STATION AND DISTRIBUTED GENERATION IN RADIAL DISTRIBUTION NETWORK USING PSO & HHO	Average
	19501A0213	CHAGARLAMUDI BHAVYA			
	20505A0204	DESAVATH HYMABAI			
	19501A0248	KOTA SAI VENKATA DURGA PRASAD			
12	19501A0214	CHATTU CHINMAI	Dr.M.V.Ramesh	SMART CHARGING STATIONS FOR ELECTRIC VEHICLES THROUGH IOT INTERFACE	Best
	19501A0209	BOLISSETTY VALLI KUMARI			
	19501A0252	KUCHIBHOTLA SAI NISCHALA			
	19501A0226	GANGAVARAPU NAVYA			
13	19501A0223	DHEVARAPALLI ENJILEENA	Mrs.G.Madhavi	SHORT TERM HYDRO-WIND-THERMAL SCHEDULING BASED ON PARTICLE SWARM OPTIMIZATION TECHNIQUE	Average
	19501A0230	GOWRU RATNA KUMARI			
	19501A0238	KALAPALA CYRUS			
	19501A0256	MAKA VICTOR SYAM PRAVEEN			
14	19501A0204	BADISA RAJA RAJESWARI	Dr.Ch.Padmanabha Raju	ENERGY OPTIMIZATION IN MICRO-GRID	Best
	19501A0201	AMAM SATYA PRIYANKA			
	20505A0202	BALASA SRAVANI			
	19501A0210	BOMMIDI SURYA TEJA			
15	19501A0224	DONDAPATI SAI SANDEEP	Mrs.K.Bhavana	SIMULATION OF MICROGRID SYSTEM USING SOLAR,WIND,FUEL CELL	Average
	19501A0215	CHATTU LAHARI			
	19501A0203	AREMANDLA JENISHA MOUNI			
	19501A0243	KATURI ROHAN			

*Dr. Ch. Sridhar*  
External Examiner

Dr. Ch. Sridhar  
Associate Professor, EEE Dept  
Bipalle Engineering College, Bipalle



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**IV B.Tech, II Semester (Section - II) , Project Phase - II (19EE3861)**

Batch No.	Roll Numbers	Name of the student	Name of the Supervisor	Project Title	Best/Average
1	19501A0257	MANCHIRAJU KAVYA GAYATHRI	Mrs.V.Harika	POWER SYSTEM STATE ESTIMATION AND BAD DATA ANALYSIS USING WEIGHTED LEAST SQUARE METHOD	Best
	19501A0289	SIRIGIRI DURGAM RAJU			
	19501A02A2	VADDI THARUNI			
	19501A0264	MORLA SIVA PRASAD			
	19501A0296	TAGARAM SANTHOSH KUMAR			
2	19501A0266	MUTHI REKHA	Dr.C.Kumar	SPEED CONTROL OF BLDC MOTOR USING VOICE RECOGNITION	Average
	19501A0277	PULLURU AJAY			
	19501A02A4	VAMJARAPU JOTHIRMAYI			
	19501A0298	TENALI CHANTI			
3	20505A0209	MERUGUBOINA VENKATA SIVA NAGAMANI	Dr.Ch.Padmanabha Raju	ON-GRID POWER SYNCHRONIZATION AND LOAD SHARING OF WIND-SOLAR POWER SYSTEM	Average
	19501A0294	SYED VAHIDDIN			
	19501A0287	SHAIK ROHEEN			
	19501A0268	PADMANABHUNI VASAVI			
4	19501A0278	RAAVI VENKATA SAI VIJAY KRISHNA	Mrs.J.Hemalatha	A NEW MULTI OUTPUT DC-DC CONVERTER FOR EV APPLICATION	Average
	19501A0267	NAMALA HARSHAK			
	19501A02A0	UPPULETI ROCHAN			
	19501A0282	SANABOINA JYOTHI PRASAD			
5	19501A0281	SAMANTHAPUDI SAI JAYANTH VARMA	Dr.M.V.Ramesh	VEHICLE TO GRID TECHNOLOGY IN MICRO-GRID USING DC FAST CHARGING ARCHITECTURE	The Best
	19501A0271	PANCHUMARTHI NITHIN			
	19501A02A5	VEMURI SIVA CHAITHANYA			
	19501A0283	SANGEPURAJ PAVAN KUMAR			



6	19501A0263	MOHAMMAD SUMAIYA SULTANA	Mr.Y.Vishnumurthulu	AN IMAGE ANALYSIS SYSTEM TO DETECT SKIN DISEASES USING MATLAB	<i>Best good</i>
	19501A0291	SRAVANAM KABUGRACE			
	19501A0258	MANEM VENUMADHURI DURGAMBA			
	19501A0297	TEKI MEGHANA KUMARI			
7	20505A0213	SEELAM SARA PRABHA	Mrs.J.Hemalatha	SMART ELECTRICAL WHEELCHAIR	<i>average</i>
	19501A0279	RANGA CHARAN SAI VAMSI			
	19501A0274	PERURI CHARAN NAGARAJ			
	19501A0259	MAREEDU HARI VENKATESH			
8	20505A0212	PALLAPU JAHNAVI	Dr.R.Swathi	REMOTE CONTROL OF APPLIANCE BY IOT AND RF	<i>average</i>
	19501A0260	MEERJA SHAFATHE ZAHERA			
	19501A0261	MEKA VINOD KUMAR REDDY			
	19501A0269	PAGADALA VENKATA GOPICHAND			
9	19501A0265	MOTEPALLI SAI DEEPTHI	Dr.P.Muthukumar	ANALYSIS OF NOVEL SPWM FOR THREE PHASE INVERTER USING MATLAB	<i>Best</i>
	19501A02A8	VEMULA BHAVYA SAHITHI			
	19501A0290	SOMURI MADHAV			
	19501A0273	PEDAPUDI BHAVANA			
10	19501A0275	POGULA BHARGAVI	Mrs.M.Devikarani	GRAY WOLF OPTIMIZATION TECHNIQUE FOR HARMONICS REDUCTION IN HYBRID MICROGRID	<i>Best</i>
	19501A02A1	VADDI NIKESH			
	19501A02A9	VENKUMAHANATHI SIVA SAI			
	19501A0286	SHAIK MOHSINA TARANNUM			
11	19501A02B1	YERRAPALEM ROHITH	Dr.K.Lenin	IOT BASED HEALTH MONITORING WITH ALCOHOL DETECTION AND CONTROL	<i>average</i>
	19501A0280	RAVURI NAVYA			
	19501A0285	SEELAM BALAVENKATAADITYA			
	19501A0270	PALLALA ROSHAN SAGAR			



12	19501A0276	PRATHIPATI KALYAN	Mrs.V.Saigeetha Lakshmi	A SMART HELMET FOR INCREASING THE SAFETY IN MINING	Best
	20505A0208	KOTA NEERAJ AKHIL			
	19501A0295	TADI SUPRAJA			
	19501A0292	SUNKARA SRI CHAITRA CHARANI			
13	20505A0210	MOKARA PAVAN KALYAN	Mr.T.Srinivasarao	SIMULATION AND ANALYSIS OF MULTI CARRIER BASED SEVEN LEVEL MULTI LEVEL INVERTER USING PWM TECHNIQUES	Best
	19501A02A3	VALLABHUNI YASHWANTH KIRAN TEJA			
	19501A0288	SHAIK SHAJUDDIN			
	19501A0293	SUNKARA SRI HARINI			
14	19501A02A6	VEERANKI VAISHNAVI	Mr.B.Mohan	OPTIMAL PLACEMENT OF ELECTRIC VEHICLE CHARGING STATIONS AND DISTRIBUTED GENERATION IN RADIAL DISTRIBUTION NETWORK USING GWO	average
	19501A0284	SARIKONDA RAMYA			
	19501A02A7	VELISALA NAGA BHUVANESWAR			
	19501A0299	TIRUPATHI LAKSHMI NARAYANA KASHYAP			
15	19501A0272	PASUPULETI PRANATHI	Dr.N.Vijayaanand	LOAD FREQUENCY CONTROL USING NEURAL NETWORK	Best
	19501A02B0	YARRABIKKI SAI RAMYA			
	20505A0211	NEDUJARLA SRINIVASULU			
	20505A0218	SRIPATHI SAMUEL MANOHAR			
16	20505A0214	SOMISETTI ADISESHU	Dr.D.Ragaleela	MODELLING AND ANALYSIS OF THYRISTOR CONTROLLED SERIES COMPENSATOR FOR POWER FLOW CONTROL	Best
	20505A0216	MADUGULA VINAY KUMAR			
	20505A0215	YANAMADALA GOWTHAM SAI			
	20505A0217	MOTURI AJITH			

External Examiner

Dr.P. Lakshman Naik

Professor

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