

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA**  
**IV YEAR II SEMESTER SECTION-1&2**  
**A.Y.: 2020-21**  
**AVERAGE PROJECTS**

S.No	Roll Numbers	Name of the Student	Name of the Supervisor	Title of the Project
1	17501A0226	DEGALA ISAAC	Mr. M. Hemanth Sai	AN OPTIMAL SCHEDULING METHOD FOR DEMAND RESPONSE IN HOME ENERGY MANAGEMENT SYSTEM
	17501A0247	JANNU NAVYASRI		
	17501A0203	AKELLA RADHA DEVAYANI		
	16501A0260	NEELAM VARUN		
	17501A0209	ANNABATHUNI LAKSHMAN SAI		
2	17501A0245	HEMA MANIKANTA BETHA	Ms. K. Bhavana	HARMONIC ANALYSIS OF THREE PHASE INVERTER USING DIFFERENT PWM SCHEMES In MATLAB
	18505A0204	CHAVALA ANIL		
	17501A0216	BODDU PRIYA BHAVANA		
	17501A0218	BORUGADDA SRI CHARAN		
	17501A0236	GORREPATI RUCHITHA CHOWDARY		
3	17501A0238	GOWRABATTHUNI LALITHA PRAVEEN	Mr. B. Bala Sai Babu	PARAMETER ESTIMATION OF PHOTOVOLTAIC MODULE FOR VARYING CLIMATIC CONDITIONS
	17501A0235	GORIPARTHI ANUSHA		
	17501A0239	GOWRU LAKSHMIKANTH		
	17501A0223	CHODAVARAPU ADI NARAYANA		
	16501A0238	JONNALA KRISHNA SANDEEP		
4	17501A0232	DUBBA MOUNIKA DEVI	Ms.V. Harika	IOT BASED INTELLIGENT GAS LEAKAGE DETECTOR USING ARDUINO
	17501A0205	AMARLAPUDI EPHRAIM SUNNY		
	17501A0228	DIMPLE MUTTUKOYYA		

	17501A0222	CHINDA GNANA KARTHIK SAI VARMA		
5	17501A0244	HARI PREETHI GANGIREDDLA	Mr. B. Baddu Naik	INTEGRATION OF PIEZO WITH SOLAR FOR STREET LIGHTING USING MATLAB
	18505A0205	EDARA VENKATA PRADEEP		
	17501A0254	KATIKALA APURVA		
	17505A0203	BANAVATU SRINIVAS NAYAK		
6	17501A0256	KONDAMUDI SRILEKHA	Dr. P. Muthukumar	ANALYSIS OF ASYMMETRICAL 15 LEVEL MULTILEVEL INVERTER
	17501A0252	KARLAPALEPU LAKSHMI SAISRI		
	17501A0217	BOLISSETTY KAILAS		
	17501A0225	DASARI CRISHANTH		
7	17501A0259	KOVELAKAR GEETHANJALI	Dr. K. Lenin	SOLAR POWERED WATER PUMPING SYSTEM
	18505A0210	KAVATI NAVEEN		
	18505A0207	K RUSHIKESH		
	17505A0221	KATTULA PURNA NAGARJUNA		
8	17501A0237	GORRIBANDALA ROJA	Mr. Y. Vishnu Murthulu	OVER CURRENT PROTECTION FOR DC MICRO GRID SYSTEMS USING RASPBERRY PI
	17501A0230	DIVYA YADAV		
	18505A0209	KASTALA PRUDHVI RAJU		
	17501A0219	CHAGANTIPATI SURENDRA BABU		
9	17501A0249	JETTY SWETHA	Mr. M. Seshu	SMART POWER MANAGEMENT AND PROTECTION
	18505A0202	BADISA HARITHA		
	18505A0206	EDPUGANTI SRIRAM		
	17501A0202	ADDEPALLI LIKHITH KUMAR		
10	17501A0214	BHIMAVARAPU PUJITHA	Ms. V. Sai Geetha Lakshmi	IMPROVED VERSION OF LOAD SHARING WITH GRID BY RENEWABLE ENERGY SOURCES
	17501A0229	DIVI MOHANA MANISRI SAI		
	17501A0204	AKULA SAI VARSHITH		
	17501A0248	JASTI NITYA		

11	17501A0241	GUDIVADA NAGA ANURADHA	Ms. J. Hema Latha	DESIGN AND ANALYSIS OF GRID CONNECTED SOLAR INVERTER WITH MODIFIED BOOST CONVERTER
	17501A0257	KOPALLE JAYA HARSHITHA		
	17501A0246	JALASUTRAM HANOOK		
	17501A0208	ANILKUMAR KUDUMURU		

S.No	Roll Numbers	Name of the Student	Name of the Supervisor	Title of the Project
1	17501A0282	PACHIPALA LAKSHMI SAHITYA	Dr.P.Muthukumar	SWITCHING AND SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR USING GSM TECHNOLOGY
	17505A0237	RAVALAVALASA DURGA CHARAN		
	18505A0223	VINNAKOTA RAJA NARASIMHA		
	16501A0257	NADELLA RISHYENDRA		
2	17501A0288	PANUGANTI SRAVANI	Ms. J. Hema Latha	AUTOMATION OF GOODS PACKING USING ROBOTIC ARM
	17501A0277	NANNAM ABHISHEK		
	18505A0213	LANKA JAYAKRISHNA		
	17501A0261	KUNAPULI VINEETHA		
3	17501A02B4	VALLABHANENI SAI SURENDRANATH	Ms. K. Bhavana	IMPLEMENTATION AND ANALYSIS OF SEVEN LEVEL MULTI CARRIER BASED MULTILEVEL INVERTER
	17501A0298	REVADA LAKSHMI APARNA		
	17501A0284	PAKALA SATISH		
	17501A0296	RAMISETTY HARSHAVARDHAN		
4	17501A0272	MUNNAM PAVAN KUMAR	Mr. M. Ravi Kumar	DESIGN OF SOLAR POWERED ELECTRIC STOVE
	17501A02A5	SIKHA ANIL KUMAR		

	17501A0283	PADILAM NAGA RAJU		
	17501A0275	NAIDUPATI JOSHI		
5	17501A0292	POTHABATHUNE ANUSHA	Mr. T. Srinivasa Rao	APPLICATION OF ALGORITHM IN DSTATCOM FOR POWER QUALITY IMPROVEMENT
	18505A0219	SHAIK MANSOOR		
	18505A0214	MACHAGIRI MANOJ		
	17501A0294	PYDALA NAGA VENKATA PRUDHVI		
6	17501A0291	PILLA BHANU SRI	Dr. C. Kumar	IOT BASED SMART ENERGY METER USING ARDUINO
	17501A02A4	SHAIK ZAHID		
	17501A0262	KURAGANTI ANANDA SAGAR		
	18505A0224	VODUGU VENKATESH VARMA		
7	18505A0217	POTHURI DURGA BHAVANI	Dr. K. Lenin	IOT BASED SUBSTATION MONITORING AND CONTROL
	17501A02B6	VEMULA SRI RAMYA		
	17501A02B2	VADDI MANASA DEVI		
	17501A0290	PENUMAKA SANKEERTHANA		
8	17501A02A3	SHAIK ABDULLA	Dr. Ch Padmanabha Raju	DESIGN OF GRID TIED PV SYSTEM FOR A HOME
	17501A02B8	VUDDANTI RAM VENKAT		
	17501A02B0	TUMMALA YASHWANTH CHOWDARY		
	17501A0265	MALLIKESWARAPU VENKATA SAI TEJA		

9	17501A02B1	V MANASWI	Ms. G. Madhavi	TRANSFORMER HEALTH MONITORING SYSTEM USING INTERNET OF THINGS
	17501A02C0	YEPURI POORNIMA CHOWDARY		
	18505A0220	SHAIK NISHAD PARVEEN		
	17501A0279	NELLURI SAI KALYANI		
10	17501A0271	MOKA BABY KAVYA SRI	Dr. N. Vijaya Anand	MACHINE LEARNING BASED MPPT TECHNIQUES FOR A PV SYSTEM
	17501A0274	NAIDU DHARANI		
	18505A0211	KODIGUDLA SUMANTH		
	17501A02B5	VEMULA JAYALAKSHMI		
11	18505A0222	TIRUMALASETTI TRIVENI	Mr. Y. Vishnu Murthulu	LOAD FREQUENCY CONTROL OF THREE AREA SYSTEM BY USING P, PI, PID CONTROLLERS
	17501A02A2	SAMIYA MAHMOOD		
	17501A0286	PAMULAPATI MAHESH BABU		
	18505A0215	MADDA DEEPIKA		
12	17501A0280	NIMMAGADDA HARSHA SRI	Mr. M. Hemanth Sai	LOAD FORECASTING USING AI
	17501A0278	NAVULURI SAI CHANDU		
	18505A0221	SIRIPURAM INDRAJA		
	17501A0287	PAMULAPATI SAMKEERTHI		