

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA**

**A.Y.: 2020-21**

**IV B.TECH II SEMESTER SECTION-1 & 2  
BEST PROJECTS**

| S. No | Roll Numbers   | Name of the Students  | Name of the Supervisor  | Title of the Project  |
|-------|--|---|-------------------------|---|
| 1     | 17501A0213<br>17501A0220<br>17501A0206<br>17501A0243 | AVIRNENI MRUDULA<br>CHIGURUPATI YUGABHARGAVI<br>AMMANAMANCHI LAKSHMI<br>KIRANMAYEE<br>GURRALA SAI KRISHNA | Mr. T. Narasimha Prasad | DESIGN OF IOT BASED ELECTRIC BICYCLE  |
| 2     | 17501A0253<br>17501A0227<br>17501A0240<br>17501A0210 | KARNATI MANOJ KUMAR<br>DEVARAPALLI KAVYA<br>GUDDATI SASI KUMAR<br>ANNABATHUNI LAKSHMAN TEJA               | Dr. D. Raga Leela       | SURVEILLANCE ROBOT USING IOT  |
| 3     | 17501A0201<br>18505A0201<br>17501A0233<br>18505A0203 | ABBABATHULA KHUSHIKHAS<br>ALABANU SAI DURGA PRASAD<br>G S S SANKARA RAO<br>CHADALAVADA VIDYA SAGAR        | Dr. M.V. Ramesh         | ARDUINO BASED MULTIPURPOSE THREE PHASE INVERTER POWERED BY SOLAR                            |
| 4     | 17501A0242<br>17501A0212<br>17501A0221<br>17501A0207 | GUNTURI NAGA VENKATA SAI<br>CHANDRA MOULI<br>ATMURI NISSI<br>CHINDA ALEKHYA<br>ANDE MAHESH SATYA KALYAN   | Dr. N. Vijaya Anand     | V/F CONTROL OF 3-PHASE INDUCTION MOTOR USING TMS320F28069M FOR ELECTRIC VEHICLE APPLICATION |
| 5     | 17501A0234<br>18505A0208<br>17501A0211<br>17501A0224 | GOONA BHAVANI<br>KANDELLA KATTHEEK<br>APPIKATLA SINDHURA<br>DALAPATHIRAO NIKHILA                          | Ms. M. Devika Rani      | DENSITY AND EMERGENCY BASED TRAFFIC CONTROL SYSTEM USING Lab VIEW                           |

|   |  |   |                 |   |
|---|--|---|-----------------|---|
| 1 | 17501A02A0<br>17501A0270<br>17501A02A1<br>17501A02B7 | SAI TEJA JALASUTRAM<br>MEDA SAI REVATHI<br>SALA RAMYA SRI<br>VEMULAPALLI PUJITHA                                      | Ms. B. Lalitha  | OVER HEAD LINE FAULT SUPERVISION SYSTEM   |
| 2 | 17501A02B9<br>17501A02B3<br>18505A0212<br>17501A0276 | YALAMANCHI SATHWIK<br>VADDI SRI VENKATA PHANI SAI<br>SUMEDHA<br>KOLLIPARA SAIVIVEK<br>NANDURI KASI MANIKANTA<br>VARMA | Dr. M.V. Ramesh | REAL TIME MONITORING OF PV SOLAR CELL<br>PERFORMANCE  |
| 3 | 17501A0268<br>17501A0264<br>17501A02A7<br>17501A02A8 | MARRIBOYINA YAMINI LAKSHMI<br>MAJETY INDRA SAI<br>SREEPRAVALLIKA<br>TANGUTURI VENKATA JESWANATH<br>THUMU SOUJANYA     | Mr. B. Mohan    | DESIGN AND IMPLEMENTATION OF SMART SOLAR STREET<br>LIGHTING WITH AUTOMATIC DUST CLEANING SYSTEM |
| 4 | 17501A0273<br>17501A0266<br>17501A0281<br>17501A02A6 | MURUGUDU HEMASREE<br>MANDADI REVANTH<br>P M UGENDHIRAN<br>SOLE NAVYA  | Dr. R.Swathi    | CONTROL OF CONVEYOR BELT AND PRODUCT COUNTER  |
| 5 | 17501A0293<br>17501A0267<br>18505A0218<br>17501A0299 | POTHINA JAGAN MOHAN RAO<br>MARADA MEGHANA<br>RAVELA HEMA SRI<br>ROHIT MULAGALA  | Mr. P.Karunakar | ACCIDENT PREVENTION AT MOUNTAIN U-TURNS USING<br>ARDUINO  |