



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**

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**A.Y 2018-19**

**B.Tech Main Project Topics**

S.No.	Roll No.	Name of Supervisor	Project Topic
1	16765A0217	Mr. J.V.Pavan Chand	Implementation and Practical Evaluation of an Automatic Solar Tracking system for Different weather conditions
	15761A0250		
	15761A0272		
2	15761A0204	Mr. Ch.Rajesh	Intelligent Controller based MPPT method for the Photovoltaic Power System
	16765A0215		
	15761A0233		
3	15761A0276	Mr. E.Raghu Babu	Smart Solar Tracking System for Optimal Power Generation
	15761A0251		
	15761A0248		
4	15761A0263	Mr. Y.Raghu Vamsi	Modelling and Simulation of the Hybrid system PV-Wind with MATLAB/SIMULINK
	15761A0237		
	15761A0287		
5	15761A0258	Dr. K.Harinadha Reddy	A Stand-Alone Hybrid Generation System Combining Solar Photovoltaic and Wind Turbine with Simple Maximum Power Point Tracking Control
	15761A0247		
	16765A0208		
6	15761A02A1	Mr. P.Srihari	Efficient Power point Tracking for a Distributed PV system under Rapidly Changing Environment Conditions
	16765A0205		
	14761A0222		
7	16765A0231	Ms. R.Padma	Simple Design and Implementation of Solar Tracking System- Two Axis with Four Sensors
	15761A02A0		
	15761A0239		
8	16765A0212	Mr. S.Prem Kumar	PSO based MPPT controller
	16765A0216		
	15761A0268		

### MINI PROJECT TITLES

<b>S.NO</b>	<b>Roll No</b>	<b>Supervisor</b>	<b>Mini project title</b>
1	16761A0230	Dr. G. Nageswara Rao	Smart irrigation using 8051 mc solar power
2	16761A0246	Mr.P.Deepak Reddy	Sun tracking solar panel using op-amp
3	16761A0250	Mr.A V G A Marthanda	Automatic night light system by using LDR
4	16761A0265	Mr.Ch.Rajesh	Foot step piezo electricity
5	16761A0266	Mr.Ch.Rajesh	Maximum power point tracker using I&C code
6	16761A0267	Mr.Ch.Rajesh	Multi drive operation using solar energy
7	17765A0218	Mr. Y Raghu Vamsi	Hybrid solar charging controller
8	17765A0223	Mr. Y Raghu Vamsi	Automatic power supply control using different sources
9	17765A0229	Mr.G.Srinivasa Rao	Build a smart watch by interfacing OLED display with android phone using arduino.