



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

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A.Y 2020-21

B.Tech Main Project Topics

S.No.	Roll No.	Name of Supervisor	Project Topic
1	17761A0254	Mr.P.Srihari	Solar Power forecasting using LSTM model
	17761A0238		
	17761A0241		
	17761A0227		
	17761A0204		
2	17761A0231	Dr.A.V.G.A.Marthanda	Advanced solar tracking using azimuthal and zenith angle
	17761A0207		
	17761A0203		
3	17761A0224	Dr. G. Nageswara Rao	Detection of shading and abnormal conditions in a photovoltaic array using fuzzy logic controller
	18765A0207		
	17761A0223		
4	17761A0208	Mrs. T. Nagadurga	Interconnection of Renewable Energy Sources and Control in Micro grid
	18765A0209		
	17761A0257		
5	18765A0205	Dr.K.Harinadha reddy	Islanding detection of grid connected photovoltaic system through P&O MPPT algorithm
	17761A0240		
	17761A0236		
6	17761A0210	Dr.M.S.Girdhar	Solar power driven PMSM motor for water pumping system to agriculture.
	17761A0225		
	17761A0209		
7	18765A0202	Mr. M.Raja nayak	Assessment of alternative design technique for optimal solar panel with enhanced cell efficiency
	17761A0258		
	17761A0253		
8	17761A0264	Dr.G.Nageswara Rao	Faults detection using artificial neural network techniques in the photovoltaic array
	17761A02B3		
	18765A0221		
9	17761A02B2	Mr.P.Srihari	wind speed forecasting using long short term memory model
	18765A0219		
	17761A0290		
10	16761A0225	Mr. P. Rathnakar Kumar	PV solar generation using the MPPT algorithm in A-Z source
	16761A0232		

	16761A0269		inverter
	16761A0270		

MINI PROJECT TITLES

S.NO	Roll No	Supervisor	Mini project title
1	18761A0244	Mr. J. V. Pavanchand	Light operated door bell
2	18761A0247	Mr. J. V. Pavanchand	Infra-red level detector
3	18761A0225	Dr. G. Nageswara rao	Automatic solar tracking system
4	18761A0220	Dr. M.S.Giridhar	Wireless mobile battery charger circuit
5	18761A0203	Dr.J.Sivavara prasad	Smart streetlight
6	18761A0233	Dr.A V G A Marthanda	MPPT using Particle Swarm Optimization (PSO) for partially shaded PV array