

Societal Impact Based Projects (MINI/MAJOR) for 5 Academic years

S.NO	MINI PROJECT/ MAJOR PROJECT	FACULTY /GUIDE NAME	ROLL. NO	PROJECT TITLE	JUSTIFICATION THAT IT IS A SOCIETAL IMPACT PROJECT	ACADEMIC YEAR
1	MINI PROJECT	Dr. K. Anuradha	14071A0259	Solar based object counter using alphanumeric LCD display	Application of renewable energy system	2017-18
2	MINI PROJECT	Mrs. N. Krishna Kumari	14071A0231, 14071A0213, 150750204	Assistance vocal	Application for physically challenged	2017-18
3	MINI PROJECT	Dr. P. Naresh	150750201	Solar power Bluetooth based water level detector	Application of renewable energy system	2017-18
4	MINI PROJECT	Mr.Ch. Sunil Chowdhary	14071A0202	Solar powered soil testing system	Application of renewable energy system	2017-18
5	MINI PROJECT	Ms. Rashmi Kapoor	14071A0254	Solar based weather monitoring system	Application of renewable energy system	2017-18
6	MINI PROJECT	Mr. A. Giri Prasad	14071A0229	Smart street lighting system using Piezo electric sensors	Innovative application towards society	2017-18
7	MAJOR PROJECT	Mr .N. Amarnadh Reddy	13071A0210	Design and Implementation of Smart E-bike	A low cost user interactive smart E-bicycle with multiple applications	2016-17
			13071A0211			
			13071A0212			
			14075A0202			
8	MAJOR PROJECT	Dr. K. Anuradha	13071A0221	Modelling and Design of DC Homes	Use of PV RES like PV installations for energy extraction, improvement of actual power consumption by the load, decrease in no. Of converters, increase in overall efficiency	2016-17
			13071A0223			
			13071A0235			
			13071A0259			
			14075A0206			
9	MAJOR PROJECT	Mr. Ch. Sunil Chowdhary	13071A02B9	Solar Inverter	Hardware implementation of PV fed inverter for ac grid connected	2016-17
			14075A0215			

			14075A0217		applications	
			14075A0218			
			14075A0221			
10	MAJOR PROJECT	Mr.D.S.G . Krishna	13071A0291	Internet Based Control of Home Appliances Using Arduino & GSM Module	Control of home appliances using Arduino and GSM module for user friendly environment	2016-17
			13071A0213			
			13071A0249			
11	MAJOR PROJECT	Mr.Y.Srikanth Reddy	13071A0264	Wireless Gesture Controlled Robot	Wireless gesture controlled robot is implemented in hardware that can further be developed to navigate physically disabled people with hand gestures	2016-17
			13071A0283			
			13071A0292			
			13071A02A5			
12	MAJOR PROJECT	Dr. Poonam Upadhyay	12071A0208	Home Automation System using IOT	Automation of home using IOT reducing power wastage, improving reliability efficiency and	2015-16
			12071A0209			
			12071A0235			
			12071A0250			
13	MAJOR PROJECT	Mr.D.S.G . Krishna	12071A0219	An improved solar maximum power point tracking with efficient DC link	Efficient extraction of power from solar PV installations using MPPT technique and its integration to DC link for efficient energy transfer with minimum reduced cost.	2015-16
			12071A0231			
			12071A0247			

14	MAJOR PROJECT	Mr .N. Amarnadh Reddy	12071A0218	Electric motor bike with manual transmission	Design of electric motor bike that moves manually saving energy and economy.	2015-16
			12071A0232			
			12071A0241			
15	MAJOR PROJECT	Dr.G. Naveen Kumar	12071A0203	Smart Ambulance	An ambulance with multiple features for efficient transportation that saves life of a patient.	2015-16
			12071A0216			
			12071A0249			
16	MAJOR PROJECT	Dr. K. Anuradha	11071A0201	Design and Implementation of Uninterruptable Power Supply	Usage of uninterruptable power supply for house hold purpose	2014-15
			11071A0230			
			11071A0231			
			11071A0213			
17	MAJOR PROJECT	Mr. V. Ramesh Babu	11071A0223	Design and Implementation of Solar Wind Hybrid Energy System	Application of Renewable energy Sources for house hold purpose	2014-15
			11071A0233			
			11071A0220			
18	MAJOR PROJECT	Mr. B. Ganesh Babu	11071A0208	Design and Assemble of Low Cost Prepaid Smart Card Energy Meter	Smart Metering for House- hold Applications	2014-15
			11071A0212			
			11071A0248			
19	MAJOR PROJECT	Mrs. M. Naga Jyothi	11071A0234	Footstep Power Generation System	Efficient Generation of Power from Footsteps	2014-15
			11071A0218			
			11071A0235			
			11071A0256			
20	MAJOR PROJECT	Dr. Ravi Kumar	11071A0203	Hardware Implementation of Solar and Wind Hybrid System	Application of Renewable energy Sources	2014-15
			11071A0226			
			11071A0246			
21	MAJOR PROJECT	Mr. G. C. Prabhakar	10071A0230	Implementation of 12/24 V Closed Loop Boost Converter for Solar Powered LED Lightning System	Efficient Usage of solar power using LED Lightning System	2013-14
			10071A0253			
			10071A0201			
22	MAJOR	Dr. Ravi Kumar	10071A0247	Modelling, Simulation and	Application of Low Power Solar	2013-14

	PROJECT		10071A0249	Implementation of Low Power Solar Energy Systems	Energy Systems for household Applications	
			10071A0250			
			10071A0260			
23	MAJOR PROJECT	Mrs S. Poornima	10071A0203	Wireless Voice based Control System for Home Applications	Application of wireless voice based technology for house hold applications	2013-14
			10071A0225			
			10071A0227			
			10071A0228			
24	MAJOR PROJECT	Mr. D. S. G. Krishna	10071A0239	Static Converter Design for Distributed Renewable Energy Generation, Grid Integration Applications	Efficient Converter Design for grid integration of DG	2013-14
			10071A0240			
			10071A0244			
			10071A0258			