Vidya Jyothi Institute of Technology

An Autonomous Institution

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Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

PROJECTS RELATED TO ENERGY CONSERVATION/IMPROVEMENT IN ENERGY EFFICIENCY

S.No.	Roll Number	Name of the Student	Project Title	Project Guide	Aspects of Energy efficieny/Energy conservation in the Project
1	16911A0252	ALUVALA SHIVACHAITHANYA	IOT based Power Management and controlled socket	Dr.A.Srujana	This project is done to impove energy conservation by controlling power at socket
	16911A0254	BAMANDLA NIKHIL			
	16911A0270	KANUGULA TARUN			
	16911A0286	PUNNAMRAJ HARISHCHANDRA PRASAD			
2	16911A0256	BHUKYA HIMABINDU	Energy Audit for VJIT	Dr.C.N.Ravi	This project is done to improve energy conservation and energy management at VJIT Campus
	17915A0216	MENDYE NAVEEN			
	17915A0227	TALARI NARESH			
	17915A0228	THUNDLA PRAVEEN			
3	16911A0201	ALAVALA SAI PRIYANKA	Optimal Power Generation using sliding mode technique for a grid connected solar networks	Mr.L.Raju	This project focuses on improving power generationa dn hence energy efficiency can be improved in solar power generation
	16911A0210	CHERUKU CHANDRA SHEKAR G			
	16911A0214	HIREKARI ABHISHEK RAJ			
	16911A0233	MATTEPALLY DEEKSHITH			
4	16911A0219	KANDARI SAI PRASAD	Power Factor Improvement in modified bridgeless landsmen converter fed LV battery charger	Dr.D.B.G.Reddy	This project to done for improving Power Factor and there by the energy effiicency improves
	17915A0230	KARNAM PAVAN KUMAR GOUD			
	17915A0231	P SAIKUMAR GOUD			
	17915A0232	BANTU VIJAY			
5	16911A0220	K RAGHAENDRA REDDY	IoT based Power Theft Monitoring Syatem	Mr.Shaik Hussain	By identifying Theft of , the energy can be effectively used and
	16911A0221	K PRAJO NAYAK			
	16911A0222	K NAVEEN			
	16911A0237	M GANESH			

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6	16911A0262	DHANISHETTI KRISHNA PRIYA	Energy Meter monitoring using IOT	Mrs.K.Swapna	This project focuses on updating the consumer about energy consumption and there by the consumer will take proper steps to improve energy conservation
	16911A0266	GUJJULA VIDYA			
	16911A0282	PISUPATI SAI CHANDANA			
	16911A0291	SAI SREE YALLAVULA			
7	16911A0292	SAMINENI SRAVIKA CHOWDARY	Power Quality Improvement og RES using Electric Spring	Mr.P.Nageswara Rao	By improving power quality energy losses can be reduced and energy efficieny improves
	16911A0294	TUMMALA MOUNISHA			
	17915A0217	MOGILIPURI PAVANI			
	17915A0223	SAMALA SUJITH SUNNY			
8	16915A0207	DOMAKONDA VAMSHIKRISHNA	AUTOMATIC POWER FACTOR COMPENSATION FOR IN DUSTRIAL POWER USETO MINIMIZE PENALITY	Mr.T.Parameshwar	This project is done to improve power factor and there by to improve the energy conservation.This will avoid penalty for consumers
	16915A0208	GADDE RAJESH			
	16915A0209	GOPI KRISHNA P			
	16915A0210	JANVADA BALAJIPAVAN			
	16915A0212	K SAI BABA			
9	15911A0239	P D S VAMSI	SMART IOT BASED ENERGY METERING SYSTEM FOR MICROGRIDS	Mr.Ch.Vikram	This project is done in order to reduce unnessary loads using IOT
	15911A0252	TATHARY VIVEK SAI			
	15911A0254	VAGISWARAJ DULAM			
10	15911A0217	G V MARUTHI RAO	HOME AUTOMATION SYSTEM AND SECURITY USING GSM	Dr.D.B.G.Reddy	This project is done to reduce energy losses at individual houses by an autonomous system
	15911A0218	GADDAM VINAY REDDY			
	15911A0219	GAJING CHANDRA VAMSHI			
	15911A0221	GUNDLA SAIKUMAR			
11	15911A0284	MYLARISHETTY VENKATESH	LAMP ILLUMINATION CONTROL WITH PRECISION	Mr.D.Srinivas	This project isdone to reduce losses due to unnessary illumination.It provides required illumination
	15911A0287	OUKU VENKATA KALYAN			
	13911A0232	MAHANKALI SAIDULU			
12	16915A0227	SABAVATH TEJASHWINI	GRID INTERACTIVE INDCUTION MOTOR DRIVEN SOLAR WATER PUMPING SYSTEM	Mr.P.Nageswara Rao	This project is done to reduce the burden and grid and to provide energy efficient system for pumpsets.
	16915A0228	SAI PRASHANTH RAO BILLAKANTI			
	16885A0208	MATTA RAMA KRISHNA			
	16915A0230	SHETTY SRINIVAS GOUD			
13	15911A0264	CHINTHAKINDHI SUJANA	DUAL POWER GENERATION SOLAR PLUS WIND MILL	Mrs.V.Vijay Lakshmi	The objective of this project is to provide energy efficient power generation using renewable sources of energy
	15911A0270	GHANTASALA JYOTHIRMAYEE			
	15911A0271	H SANDHYA			
	16915A0222	NAYINI RAJKUMAR			

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14	15911A02A3	VEDATI SHRAVANI	POWER QUALITY IMPROVEMENT IN PV BASED DC GRID	Mr.P.Nageswara Rao	This project is done to improve the power quality of Grid i.e to improve energy efficiency of energy generation using Renewable energy sources
	15911A02A6	YOGESHWAR REDDY K			
	16915A0225	RAMGIRI SAI KRANTHI			
	16915A0235	THALARI MAHESH			
15	14911A0299	PULI SRAVAN KUMAR	AUTOMATIC ROOM LIGHT CONTROLLER WITH VISITOR COUNTER USING IR	Dr.D.B.G.Reddy	The aim of this project is to reduce energy losses due to illumination
	14911A0281	SEELAM VINOD			
	14911A0292	G RAVINDR REDDY			
	14911A0297	MANDADI UPENDER REDDY			
16	14911A0218	KODURI NAGASWATHI	BRIDGE LESS HIGH EFFICIENCY THREE LEVEL POWER FACTOR CORRECTION RECTIFIER	Dr.S.Siva Prasad	The objective of the project is to improve energy efficiency of rectifiers
	14911A0237	S. Anusha Reddy			
	14911A0227	MANISHA DYAVANAPALLY			
	14911A0209	GOWDIGAMA SRAVANTHI			
17	14911A0221	KUMBALA SANTHOSH REDDY	ELECTRICAL POWER GENERATION FROM WASTAGE MATERIAL	Dr.S.Siva Prasad	This project is done to produce energy from waste, and improve efficiency of power generation
	14911A0205	B NARESH KUMAR			
	15915A0202	A.VINOD			
	15915A0207	ELLABELLI SRIVAMSHI			
18	14911A0250	BANNENOLLA KEERTHANA	DIRECT AND INDIRECT SENSING TWO AXIS SOLAR TRACKING SYSTEM	Mrs.S.Chaitanya	This project is done to improve the energy efficiency of solar Power generation
	14911A0258	K BHAWANA			
	14911A0273	MOHD ABRAR			
	14911A0274	MOHD ARIF			
19	14911A0247	T Akhila Reddy	AUTOMATIC TEMPERARTURE BASED EXHAUST FAN CONTROLLER	Mr.K.Sathish Kumar	Improve energy conservation in exhaust systems
	14911A0267	M. Vara Laxmi			
	14911A0271	MD MINHAJUDDIN			
	14911A0286	T MANASA			
20	15915A0211	GULAGATTU PRATHAP	SOIL MOISTURE CONTENT BASED AUTOMATIC IRRIGATION SYTEM	Dr.C.N.Ravi	The objective of this project is to use energy only when required for irrigation.This reduces energy losses in irrigation system
	15915A0205	CHUNNAPU SRIKANTH			
	15915A0208	GAJJI SRIKANTH			
	15915A0210	GATTU MANOJ			

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