

Sr. No.	Name of Student	Supervisor	Thesis Title	Hardware/Software/Case Study	Remark	Date of Exam	External Examiner
1	UPENDRA SINGH	Prof. R. K. Saxena /Prof. R. S.	Installation and Commissioning of Solar PV System				
2	ANURAG JAIN						
3	ANUJ PRATAP SINGH						
4	UTKARSH PATHORIYA						
5	AMAN PATIL						
1	SHRADDHA SONI	Prof. H. K. Verma	Design and analysis of an on-board electric vehicle charger	Case Study	It can be adjusted as needed to reduce the load on the network during the charging process. An enhancement of G2V technology is the V2G (vehicle to grid) method, which needs a bidirectional energy flow between them.		
2	REWA DUBEY						
3	PRANAV GARG						
4	ARUJ ROHLA						
5	SAKSHAM AGARWAL						
1	SUMIT PAUL	Prof. M. P. S. Chawla	Vehicle accident detection and reporting system using GSM,GPS technology	Hardware	Thisd project analyses the capability of a GPS receiver to monitor speed of a vehicle location to alert service center and important relatives.	11-05-2021	
2	PUNDIRAKASH						
3	CHINMAY SHARMA						
4	KHUSHAL SHAKYA						
5	ALOK						
1	AAKESH JAIN	Prof. Arun Parakh					
2	ABHISHEK GUPTA						
3	ARPIT ATTRI						
4	MILAN BANSAL						
5	VIPUL NEERAJ SHARMA						
1	PRACHI DHOTE	Prof. Sandeep Bhongade	Transformer parameter monitoring and protection system using Transformer	Hardware	Designed a protective circuit for transformers, based on programmable Arduino to monitor transformer temperature , voltage and current by using sensors.	25-06-2021	
2	RACHITA PATEL						
3	TANISHO JANGHEL						
4	LUCKY SHROTRIYA						
5	MOHIT KUMAR						
1	ANSHUL PATEL	Prof. Shaileendra Sharma	Wireless Power Transfer using Inductive Coupling				
2	AYUSHI GUPTA						
3	PRAVANSI PATEL						
4	MAYANK GAUTAM						
5	ALOK KORI DIWAN						
1	MAHENDRA MALVIYA	Prof. S. L. Sisodia					
2	ROHIT DODWE						
3	HARIOM CHOUDHAN						
4	RAVIN SOLANKI						
5	VIKRAM SINGH						
1	SHUBHAM GURJAR	Prof. R. S. Mandloi	Design and Analysis of Single Phase Voltage Source Inverter using Uniform PWM	Software	The project aims to use Falsted program to design, analyse and control switching fow inverter circuits.		
2	ARPIT CHOUDHARY						
3	DIVYA SISODIYA						
4	ANSHUL DAWAR						
5	SAURABH DHAKAD						
1	RAHUL AMARGHADE	Prof. H. K. Verma	Active power factor correction (PFC) using boost-converter	Case Study	The objective is to improve the power Factor nearly unity with minimum total harmonic distortion(THD).		
2	HARSHALI SAHU						
3	SANJAY YADAV						
4	DEEKSHA JATAV						
5							
1	HEMANT SAHU	Prof. M. P. S. Chawla	Piezobased visitor sensing welcome mat	Case Study	This project notifies when any guest or visitor steps at doormat.	12-05-2021	Dr. Aditya Twari
2	RAHUL YADAV						
3	MRTYUNJAY NAYAK						
4	ZAKEEUDDIN QURESHI						
5	LUCKY JHARIA						
1	KOTHA RAJRIKA	Prof. Arun Parakh	Modelling and simulation of Power Microgrid using MATLAB	Software			
2	PRADEEP BANSCHAL						
3	SITULI KUSHWAH						
4	VAISHNAVI SINGH						
5	VIKASH RAJPOOT						
1	DEVESH SINGH	Prof. Sandeep Bhongade	Isolator operation using IoT.	Hardware	Using this we can control Isolator installed in Traction Distribution System easily from anyplace and any time, which otherwise requires manual operation.		
2	HARDIK JAIN						
3	HIMANSHU GOKLANI						
4	DIVY PRAKASH						
5	HIMANSHU SHUKLA						
1	PUSHPENDRA LABANA	Prof. Shaileendra Sharma	Automated Solar Power Inverter				
2	SHIBI SONI						
3	SAURABH MISHRA						
4	SHREYANSH BHANDARI						
5	SARTHAK JAIN						
1	RAJ KUMAR PRAJAPATI	Prof. S. L. Sisodia	Substation Monitoring And Control system	case study	This project is to aim to acquire the remote electrical parameter like voltage, current and frequency and send real time value over network along with temperature at power station.		
2	ARVIND WASKEL						
3	PRADEEP KUMAR BAIS						
4	AKASH SEMIL						
5	ARUN SASTIYA						
1	ALEXY SHINGHAL	Prof. R. S. Mandloi	Portable Solar Inverter				
2	PRACHI MISHRA						
3	GULSAN KUMAR						
4	PRATIKSHA SUMAN						
5	DEEPAKAMAL PUWARE						
1	SATYAM GUPTA	Prof. H. K. Verma	Microcontroller based automatic railway gate control system	Case Study	The purpose of this project is to develop an automatic railway gate system that use the microcontroller as a main function of design.		
2	SANDEEP KUSHWAH						
3	MOHAK KULSHRESTHA						
4	MANTHAN BHOSLE						
5	GAURAV GUNKAR						
1	RITIK BOURASI	Prof. M. P. S. Chawla	Short term solar forecasting model using ANN	Software	Forecasting results show that the weather prediction for different parameters can be used by control engineers for planning various control strategies. One week ahead solar forecasting model by using the NARX model.	11-05-2021	
2	ANKITA TRIPATHI						
3	ANURAG DHAKAD						
4	RITIKA KESHARWANI						
5	KHUSHBOO THAKUR						
1	SACHIN KUMAR SAHU	Prof. Arun Parakh	IOT based distribution transformer monitoring system	Hardware	The purpose of this project is to develop to monitor health condition of distribution transformer on regular intervals.health index is determined on the basis of change in voltage, temperature variations and load ability ,which		
2	JITENDRA SALAM						
3	SHUBHAM TIWARI						
4	TINA YADAV						
5	SHWETA KAITHWAS						
1	PRACHI MISHRA	Prof. Shaileendra Sharma	Automatic Solar Tracking System	Software: Tinkercad	A dual-axis mechanism is designed to tilt the PV panel with two servo motors facing the highest intensity of sunlight captured by LDR sensors. It is used to accurately track the sun's movements leading to the production of 36.26% more energy		
2	ARPIT GOUR						
3	KULDEEP PATIDAR						
4	YASH JAISWAL						
5	VIVEK YADAV						