Sr. No.	Name of Student	Supervisor/Co-Supervisor	Thesis Titel	Hardware/Soft ware/ Case study	Remark	Date of Exam	External Examinar
1	AMISHA PARIYA	Prof. M. P. S. Chawla/Prof. Himanshi koli	Simulation studies on several configuration of EV charging system	Case Study	A comprehensive review has been made on the standards currently adopted for EV charging worldwide.	5/2/2022	Dr. Aditya Tiwary
2	MISHQUAT KHAN						
3	NEHA SANGOLKAR						
4	TANUPRIYA YADAV						
5	ABHISHEK PATEL						
1	JALA SIROLIYA	Prof. H. K. Verma/Prof. Rinki Rajpal	Design of arduino controller based fault detection and speer control system for single phase induction motor.	case study	Described a system which is inexpensive and cost effective for induction motor. Also published the paper Submission ID: 1831892452	5/2/2022	Dr. Aditya Tiwary
2	PRABHAT SINGH						
3	SHUBHRA GUPTA						
4	SOUNDARYA RAGHUWANSHI						
5	SOURABH DANDARE						
1	VIPUL KATHPAL	Prof. Arun Parakh	Electronic weighing scale	Hardware	A device used to measure an object type, for which load cell sensor, an electrical device is used to measure an object type and electrical device used to convert energy into an electrical signal.	5/2/2022	Dr. R. S. Tare
2	SHREYASH SHRIVASTAVA						
3	SHIKHAR BIJPURIA						
4	YONGKONGSIPONG C CHANG						
5							
1	AASHI PANDEY	Prof. Shailendra Sharma/ Prof. Lokesh Gurjar	Power Generation through Speed Breaker using Rack and Pinion Arrangement and its usage in varied Energy Applications	Hardware	it can be used as a power generating equipment to tap into the energy generated by moving vehicles and generate electricity.	5/2/2022	Dr. R. S. Tare
2	ADITYA BUDHOLIA						
3	BHAVESH GOLE						
4	BHAVANA NANDA						
5	FIZA PARVEEN						
1	RAVI PRAKASH	Prof. R. S. Mandloi/ Prof. Vineet Mishra	Iot Based Smart Agriculture Monitoring System	Hardware	it is use to investigate manual and reliable monitoring of crop health by modern agriculture techniques with modern Iot equipment	5/2/2022	Dr. Aditya Tiwary
2	AMRISH SINHA						
3	SACHIN SINGH						
4	PRIYA AHIRWAR						
5	AASHTA						

1	KIRTI DWIVEDI	Prof. Sandeep Bhongade/ Prof. Ankit Singh	Three Phase Fault Detection in Transmission line and its Protection	Hardware	The project can be used as a base for protection for other higher level transmission lines.	5/2/2022	Dr. Aditya Tiwary
2	SARTHAK AWASTHI						
3	MAYANK GUPTA						
4	HARSHIT NAKRA						
5	HIMANSHU SHAKYA						
1	SHIVENDRA RATHORE	Prof. R. K. Saxena/ Prof. Harshit Choubey	Sinusoidal Pulse Width Modulated Inverter With Home Automation	Hardware	The project aim is to control loads wirelessly at the time of load shedding,simultaneously they can monitor the load current of the converter. This project can provide efficient and reliable power along with smart switching.	5/2/2022	
2	SHIVADITYA SINGH MUKTAWAT						
3	SAURAV SINGH						
4	PRAKHAR JOSHI						
5	SOURABH KHEMOT						
1	ANUSHKA EKKA	Prof. H. K. Verma/ Prof. C. J. Khare	IoT based transformer monitoring and control system	Software	It is use to compare to manual and reliable monitoring as constant monitoring of oil level, rising oil temperatures, rising ambient temperature, load current by hand is not possible.	5/2/2022	Dr. Aditya Tiwary
2	SUDARSHAN BIRLA						
3	TRIPTI BILARE						
4	VANSHIKA PUROHIT						
5	VEDANT TRIPATHI						
1	DEEPAK BAIRWA	Prof. M. P. S. Chawla/ Prof. Himanshi Koli	Atmospheric water generator	Hardware	It is used to thermoelectric materials to design innovative,simple and economical atmospheric water generator .this water generator could be used in multiple area like home or even for irrigaton pupposes.	5/2/2022	Dr. Aditya Tiwary
2	ARYAN SHARMA						
3	JAIPAL CHANDRAVANSHI						
4	SIMRAN SULYA						
5							
1	SANYAM MAHESHWARI	Prof. Sandeep Bhongade/ Prof. Ujjawala rai	Automatic power factow compensation (APFC) for industrial power use to minimize penalty	Hardware	It monitors the lagging and leading power factors and takes necessary control actions. Gives real time data for power factor.	5/2/2022	Dr. Aditya Tiwary
2	RAHUL ATAL						
3	MOHIT MOURYA						
4	SALONI SHARMA						
5	SHRUTI BHALAVI						

1	KHUSH NANDECHA	Prof. Sandeep Bhongade/ Prof. Ankit Singh	Motor Protection Against Single Phasing and overheating	Hardware	The project aim is to protect the 3phase induction motor from single phasing and overheating to reduce the damage of 3 phase induction motor in industries ,colleges etc.	5/2/2022	Dr. Aditya Tiwary
2	NEERAJ AGRAWAL						
3	ANURAG RAJAVAT						
4	ANIMESH CHOUDHARY						
5	ANURAG SINGH CHAUHAN						
1	JAYPRAKASH DOLEKAR	Prof. S. L. Sisodiya/ Prof. S. S. Saini	Arduino based Underground cable fault detection	Hardware	The project aim is to identify the location of an underground cable line failure from a base station to the exact location in kilometers.in the event of cable failure,the buzzer will generate an alarm to alert field workers and take immediate action.	5/2/2022	Prof Shyam Sunder Sharma
2	RAKESH KUMAR BAIS						
3	YUGESH MARKAM						
4	PRASANNA KUMAR						
5	RAHUL BARDE						
1	AKANSHA LALWANI	Prof. Shailendra Sharam/ Prof. Lokesh Gurjar	Development of smart blind stick for the visually impaired	Hardware	The main purpose is to develop a smart walking stick that alert visually impaired persons over obstacles, fire,and water. Design a cost effective system consisting of a microcontroller incorporated with an ultrasonic sensor,a smoke sensor,and additional equipment.	5/2/2022	Dr. R. S. Tare
2	MAHAK AGRAWAL						
3	VIDHIK BAHROLIYA						
4	GAUTAM AGRAWAL						
5							
1	KALPANA TALE	Prof. R. K. Saxena/ Prof. Harshit Choubey	Programmed Light Regulator With Bidirectional Visitor counter.	Hardware	this project is an energy saving method which revolves around idea of counting the number of person in a room using IR sensor and properly coded arduino UNO.	5/2/2022	Prof Shyam Sunder Sharma
2	SATYAM DWIVEDI						
3	SOURABH YADAV						
4	GIRISH KHERAJANI						
5	AJEET KUMAR GUPTA						
1	ROHIT KUMAR YADAV	Prof. R. S. Mandloi/ Prof. Lokesh Gurjar	Ardunio Based Dual Axis Automatic Solar Tracking system	Hardware	Developed a laboratory prototype pf solar tracking system which is able to enhance the performance of the photovoltaic modules in solar energy system	5/2/2022	Dr. Aditya Tiwari
2	DIPESH BAMANIYA						
3	JYOTI PANIKA						

1	HARSH KSHETRE	Prof. Arun Parakh/ Prof. Richa Sharma	IOT based battery and vehicle load managment system	Hardware	Create a smart charging system that uses the internet and phone being charges to manage its behaviour autonomously	5/2/2022	Dr. R. S. Tare
2	YATISH KHARE						
3	PRANAV KRISHNA MISHRA						
4	MAHAK GATTANI						
5	SHREYA CHATURVEDI						
1	NANCY JAIN	Prof. M. P. S. Chawla/ Prof. Abhishek Dubey	Vision For Self Driving Car	Case Study	Provide us with live feed identifying impediment on the track to portray a simplified model of a vechicle with a lower risk of accidents.	5/2/2022	Dr. Aditya Tiwary
2	PRATEEK CHATTAR						
3	RISHABH JAIN						
4	SHREYA KANODIA						
5	SHREYAS TIWARI						
1	SHRASTI YEDE	Prof. S. L. Sisodiya/ Prof. K. Nagar	Smart Power Theft detection System	Hardware	the project eliminates manual meter readings,as well as the associated effects of time consuming and billing fraud, both of which affect the company while increasing customer costs.	5/2/2022	Prof Shyam Sunder Sharma
2	OJUSWANI CHOUHAN						
3	VISHAKHA GAIKWAD						
4	VANDANA NAGVANSHI						
5	CHUBANUNGLA M.						
1	PIYUSH SHINDE	Dr. H.K. Verma/Prof. R. S. Mandloi	Smart car parking system	Software	This model is easy to use and no person is needed for handling the system, as the system is controlled by the arduino itself.	5/2/2022	R S Tare
2	VIJAY SINGH RANA						
3	TUSHAR SHARMA						
4	MOHAK LUNAWAT						