

### Minor Project 2018-22

S.NO.	Student Name	Enrollment No.	Mentor Name	Project Title	Pos	PSOs	SDGs
1	Anant Gangwar	01014804918	Mr. Jitender Lather	AI Device with Quantum Cryptography	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Anant Upadhyay	01114804918					
	Aakash Singh Azad	00914807819					
2	Anish Chakraborty	01214804918	Mr. UK Jha	Smart Traffic Monitoring System	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG003, SDG04, SDG09
	Akash Singh	00614804918					
	Abheer Singh	00214804918					
3	Bhavay Arora	02514804918	Dr. Neelam	A Real Time Monitoring and Fault Detection System for Photovoltaic Systems	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Chinmay Bhanu Srivastava	02714804918					
	Abhinav Lal	00314804918					
4	Eishu Pal	03614804918	Prof. SS Dewal	Gesture Controlled Robot Using Machine Learning	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Honey Garg	04014804918					
	Divyanshu Jeena	03414804918					
5	Alok Abhijeet	00814804918	Dr. Rajveer Mittal	Automobile Locking System Using GSM	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Mohammad Arif	0814807819					
	Alankar Kumar	00714804918					
6	Deepesh Mehta	03214804918	Dr. Monika Gupta	Image Colorization using Deep Learning	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Deepak Goyal	03014804918					
	Dhananjaya Choudhary	01114804917					
7	Ashutosh pathak	01614807819	Mr. Chandrakesh Shukla	Solar based water quality monitoring system	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG02, SDG04, SDG09

	Anubhav	01714807819			PO12		
	Ankit Meena	00114807819					
8	Kavita Joshi	00214807819	Dr Neelu Nagpal	IoT based Electric Vehicle Charging and Parking System	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Himanshu Kumar	03914804918					
	Debarati Pal	02814804918					
9	Abdul samad	00114804917	Mr. Lalit	Advance LIFI base Data and Voice Transmission	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Md Arsalan khan	01314807819					
	Vaibhav kumar rai	00514807819					
10	Sagar Bharti	01014807819	Ms. Poonam Juneja	Laboratory Simulation using Blueprints in Unreal Engine	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Anmol Dureja	01314804918					
	Anshita pandit	01514804918					
11	Abhinav pratap Singh k.	00414804918	Ms Aayushi	Detection of power grid synchronisation failure on sensing frequency and voltage	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	Sahil Singh	01514807819					
	Ashutosh	00614807819					
12	Dev Khetan	03314804918	Mr. Rahul	Smart solar grass cutter with lawn coverage using arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	Hritik Mittal	004114804918					
	Komal Rajput	04514804918					
13	Harshit Sharma	03814804918	Dr. Laxya	Sun Tracking/Rotating Solar Panel using Arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	Jagjeet Kalra	04214804918					

14	Deep Singh	02914804918	Ms Supriya	Power management Strategy based on Adaptive Neuro Fuzzy Inference System For AC Microgrid	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Ayush	00214804918					
	Kartik Katiyar	04414804918					
15	Anush Kumar	01614804918	Dr. L.P Singh	Economical solar powered refrigerator for rural areas	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG08, SDG09
	Ashutosh Singh	01914804918					
	Harsh	03714804918					
16	Ashish Kumar Verma	01814804918	Ms.Monika Bhardwaj	Simulation of Underwater Wireless Optical Communication System (UWOC)	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09, SDG14
	Kapil Shokeen	04314804918					
	Deepanshu	03114804918					
17	Divyanshu Sagar	03514804918	Ms. Govind	Power Grid Control Using SCADA	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	Ayushya Ujjwal	02214804918					
	Aayush K Binu	02414804918					
18	Prince	00314807819	Mr. Shreesh	Lung Capacity meter using Arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	Manish Sharma	00714807819					
	Ashu Kumar	01214807819					
19	Aryan	01714804918	Ms Shashi Bala Aggarwal	Adaptive system using Arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Aviral	02014804918					
20	Imdadullah	01414807819	Ms Jyoti	Face Mask detection and measuring Body Temperature Using Raspberry Pi	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	Sheikh Azharuddin	00414807819					
	Sachin Singh	01114807819					

21	10714804918	Yash Kaushik	Prof. Rajveer Mittal	Substation monitoring and controlling using controllers , sensors and gsm .	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	10614804918	Vivek Kumar					
	35514804918	Anushka Mahajan					
22	8514804918	Sharad Soni	Prof. S.S. Deswal	Li-Ion batteries Protection	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	8614804918	Shivam Chaudhary					
	35114804918	Aadarsh Teotia					
23	8814804918	Shivam Sharma	Mr. Jitender Lather	Body temperature recording using MLX90614 and transistor along with buzzer alarm	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	9514804918	Subasish Nayak					
	9614804918	Suchet Sharma					
24	4914804918	Meghal Kaushik	Dr Neelu nagpal	Efficient Hybrid Power Generation using Hellical Wind Turbine And Solar Tracking System	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04,SD G07 SDG09
	5214804918	Naman Mittal					
	5514804918	Nirbhay Luthra					
25	6514804918	Pulak Ghoshal	Ms. Supriya Sharm	Analysis of MPPT techniques for hybrid pv wind system	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07,SD G09
	7314804918	Ritik Sharma					
	7114804918	Rishabh Choudhary					
26	10314804918	Vansh	Mr. Ashok Goyal	AC to DC converter system	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	8714804918	shivam					
	35114807819	Anurag					
27	7814804918	Sachin Kumar	Dr. L.P.Singh	Dual Axis Solar Tracker IOT Based Irrigation System	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	6314804918	Prateek Kumar					
	5814804918	Paras Gandhi					
28	7014804918	Rishab Kr Jain	Mr. U k Jha	Intelligent transportation system: Driver's drowsiness detection.	PO1, PO2, PO3, PO4, PO5, PO6,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	7514804918	Rohan raj					
	7614804918	Rohan Sharma					
29	6714804918	Rahul	Mr. S.K. Pandey	Analysis and Design of Low-Cost Hybrid Power Supply	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG08, SDG09
	6814804918	Raj Kumar Gupta					
	7414804918	Rohan Goel					
30	10514804918	Vineet goyal	Ms. Neha	Power management and energy harvesting techniques for wireless sensor nodes	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	5914804918	Phalguni					
	35614804918	Aryan goel					
31	6414804918	Preyansh Jain	Mr. Ravi Sharma	Stand-Alone Renewable Energy Operate	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07,SD G09
	8014804918	Sakshi Dawar					
	5414804918	Nikhil Dubey					
32	6014804918	Pooja Sharma	Mr. Lalit	Piezoelectric energy harvesting devices for recharging batteries	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07,SD G09
	6114804918	Pragya Sabharwal					
	10214804918	Vaishali Sharma					
33	6214804918	Prashant Asthana	Dr. Laxya	SCADA simulation of Solar Powered Electric Vehicle Production	PO1, PO2, PO3, PO4, PO5,PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG08, SDG09
	5114804918	N Pryumn Srinivas					
	7714804918	Rohit Kumar					

34	5614804918	Nishant kumar	Dr.Neelam	Solar inverter using super capacitor	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	10114804918	Vaibhav Sharma					
	9714804918	Sumit Bijalwan					
35	8114804918	sanchit Goyal	Mr. Jitender Lather	hill hold assist	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	8214804918	sanket					
	9314804918	shubham					
36	9914804918	Tanvi Chadha	Mr. S.K. Pandey	Driver's real time safety and accident prevention system	PO1, PO2, PO3, PO4, PO5, PO8, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	8314804918	Sarthak Jaiswal					
	9814804918	Sumit Kumar					
37	35314804918	Amartya Raj	Dr. Monika Gupta	Research on Li-Ion batteries	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	8414804918	Shagun Yadav					
	35714804918	Deepak					
38	4614804918	Madhur Bajpai	Mr. Ashok Goyal	Methodoloies Involved in Designing PV Systems	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	4814804918	Manmeet Kumar Tiwari					
	4714804918	Manav					
39	9214804918	Shubham Kumar	Mr. Govind	Electric vehicle modeling using advisor and cell selection simulation	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	7214804918	Rishabh Singh					
	9414804918	Shubham Singh					
40	41014804918	Sanyam Mittal	Ms.Poonam Juneja	Dry Hand Wash Robo	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	41414804918	Sidharth Lamba					
	40914804918	Akhil					
41	43514804918	Utkarsh Malhotra	Mr. Sheersh Garg	Smart Kit: To monitor & control different appliacnes	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	44114804918	Alankrita Singh					
	43614804918	Divya Dwivedi					
42	43414804918	Ayush Agarwal	Dr. Neelu Nagpal	Electric Vehicle calculation & Modeling using MATLAB	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG08, SDG09
	43314804918	Abhimanyu					
43	44514804918	Srishti Tiwari	Dr. Monika Gupta	Tapless doorbell using ultrasonic sensor	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	45214804918	Nidhi Singh					
	43814804918	Anshika Sharma					
44	36214804918	Mridul Bajpai	Mr. S.K. Pandey	RF controlled Robotic Vehicle with Solar powered Temperature and Humidity Monitoring System	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG08, SDG09
	36014804918	Manav Agarwal					
	35914804918	Kartik Dev Jetly					
45	42814804918	Jahnvi Mishra	Ms. Ayushi Aggarwal	Persistence Of Vision (POV) Display	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	44414804918	Virag Mohan Sharma					
	44614804918	Preeanant Bharadwaj					
46	44214804918	Pritam Samanta	Ms Neha Aggarwal	Barrier and pitholes detection with built in environment sensing smart vehicle	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG08, SDG09
	20114804918	Simran Arora					
	44714804918	Sanskar Srivastav					
47	40614804918	Sourabh Tyagi	Dr. L.P Singh	Auto Cut off Power supply during gas Leakage(with call alert)	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	41214804918	Somya Singh					
	40714804918	Shrijee Jha					
48	45714804918	Rishabh Slathia	Ms. Monika Bhardwaj	Contactless dynamic charging of Electric Vechicle	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09, SDG07
	50114804918	Naman Kaushik					
	45414804918	Shivam					
49	44914804918	Mridul Goyal	Ms. Shashibala Agarwal	Spinal Posture Correction with Real-Time Monitoring	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09

	36414804918	Rohit Sharma		Time Monitoring	PO5, PO8, PO9, PO10, PO11, PO12	PSO2, PSO3	SDG04, SDG09
	44814804918	Himanshu Sharma					
50	44014804918	Ashish	Prof. Rajveer Mittal	Solar panel inverter	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	41114804918	Tanmay					
51	41614804918	Paras Mannan	Dr. Neelam	Speed Governing system using RF Transceiver	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	42114804918	Tarun Kukreja					
	40314804918	Vaibhav Vals Raj					
52	45014804918	Saumay Vats	Prof. S.S. Deswal	Heat Sensing System using Arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	45114804918	Rishabh Kumar Bansal					
	50214804918	Pawan Gidwani					
53	36614804918	Vrinda Grover	Mr. Ashok Goyal	Self driving car prototype	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	36114804918	Manvi Jain					
	40414804918	Divya Daga					
54	42314804918	Mayank Gupta	Mr. U.K Jha	Office Automation using IOT	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG02, SDG04, SDG09
	42414804918	Harsh Kumar					
	40214804918	Swapnil Shanu					
55	43914804918	Akshay Dhahinwa	Mr. Rahul	Health Monitoring System	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG03, SDG04, SDG09
	42714804918	Yakshit Gupta					
	43714804918	Rubaini					
56	35814804918	Dhananjay Pandey	Mr. Ravi	IOT Based solar power Inverter and Irrigation system	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	36314804918	Rishabh Tiwari					
	36514804918	Vaibhav Gupta					
57	45314804918	Rohit Kumar	Dr. Laxya Singla	wireless charging system for Lithium Ion Battery in EV's	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG09
	45814804918	Divyanshu					
58	41714804918	Abhishek Agarwa	Mr. Govind Gupta	Dual Axis Sun tracking solar panel with wireless transmission	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09
	41814804918	Abhinav Garg					
	42514804918	Shubh Batra					
59	42614804918	Ashish Thakur	Ms. Jyoti	Automatic temperature control using Arduino	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG04, SDG07, SDG09