

Details of Major Project 2020-2024								
S.NO	MENTOR	Roll No.	Student's Name	Counsellor Group	Project Title	POs	PSOs	SDG
1	Prof. Sunil Mathur	1214802820	Aditya Kumar	7ECE 123	Lip reading for the specially-abled	PO1, PO2, PO3, PO5, PO6, PO7, PO10	PSO1, PSO2	SDG3, SDG10
2		1614802820	Ali Subooh	7ECE 123				
3		2114802820	Aman Soni	7ECE 123				
4		13114802820	Shivam Mangla	7ECE789	object detection camera	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO3	SDG 9, SDG 11
5		14614802820	Varnit Rana	7ECE789				
6		11114802820	Priyanshu Singh	7ECE789				
7		13514802820	Spandan Rout	7ECE789				
8	Dr. Nitin Sharma	4514802820	Azaz Ali	7ECE 123	Deep Learning-Enabled Leaf Disease Detection in Crops	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG2, SDG12
9		314802820	Abhijeet	7ECE 123				
10		6214802820	Hardik Negi	7ECE456				
11		21814802820	siddharth sharma	7ECE789	Advanced forecasting ML technique for AQI	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO11	PSO1, PSO2	SDG11, SDG13
12		914802820	Abhishek kumar jha	7ECE 123				
13		714802820	Abhishek Gupta	7ECE 123				
14		1014802820	Adesh Mishra	7ECE 123				
15		414802820	Abhinav Bhardwaj	7ECE 123	Lung cancer detection using cnn with efficient net B3	PO1, PO2, PO3, PO5, PO6, PO7, PO10	PSO1, PSO2	SDG3, SDG10
16		614802820	Abhineet Verma	7ECE 123				
17		50114802820	Mohit Agrawal	7ECE789				
18		6814802820	Ishant	7ECE 456				
19		5614802820	Dipanshu Kumar	7ECE 456	Skin Cancer detector	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG3, SDG9
20	Mr. P.K. Chaudhary	10114802820	Paavita	7ECE456				
21		9314802820	Navya Narula	7ECE456				
22		7114802820	Jatin Bishla	7ECE456	Stock Price Prediction	PO1, PO2, PO3, PO4, PO5, PO11, PO12	PSO1, PSO2, PSO3	SDG11
23		7614802820	Komal Indoria	7ECE456				
24		5914802820	Gabriel Hans	7ECE456				
25	Mr. Ajay Gupta	9714802820	Nikhilesh Bisht	7ECE456	Real Time Anomaly Detection in CCTV Surveillance	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG9, SDG10, SDG16
26		5014802820	Darpan Chanana	7ECE 123				
27		2914802820	Arjun Vashisht	7ECE 123				
28		2014802820	Aman kumar	7ECE 123	Smart Plant Recommendation System Using IoT and Machine Learning	PO1, PO2, PO3, PO3, PO6, PO8, PO9, PO10, PO11	PSO1, PSO2	SDG2, SDG9, SDG12, SDG13, SDG15
29		3014802820	Arnav Goel	7ECE 123				
30		4814802820	Chaitanya Singh Bisht	7ECE 123				
31		14714802820	Varun Gambhir	7ECE789	Traffic Management System	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG3, SDG11
32		7514802820	Kanushi Baweja	7ECE456				
33		8714802820	Meenal Humnekar	7ECE456				
34		7014802820	Jagriti Thakur	7ECE456	Plant Leaf Disease Detection	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG2, SDG12
35	Dr. S. K. Kundu	8814802820	Mohit Thakur	7ECE456				
36		4414802820	Ayushi	7ECE123	CP Microstrip Patch Antenna	PO1, PO3, PO6, PO8, PO9, PO10, PO11	PSO1, PSO2	SDG9, SDG11, SDG13, SDG17
37		6614802820	Harsh Khandelwal	7ECE456				
38		8214802820	Manan Chahar	7ECE456				
39		5214802820	Dhruv Gautam	7ECE123				
40		5314802820	Dhruv Jain	7ECE123	CPW patch antenna	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG9, SDG16
41		4914802820	Chintu Jaiswal	7ECE123				
42		5114802820	Deepak Kumar Jha	7ECE123				
43		4014802820	Aviral Sharma	7ECE123	UWB antenna	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12	PSO1, PSO2	SDG9, SDG11, SDG13, SDG17
44		4714802820	Brajesh Singh Shekhawat	7ECE123				

45	Dr. Umesh Singh	1414807321	Paras	7ECE123	Design and Simulation of a Microstrip Patch Antenna using HFSS/CST	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG9, SDG16	
46		1214807321	Anmol Madan	7ECE123					
47		214807321	Harsh	7ECE123					
48		614807321	Raman Parmar	7ECE123	Heart Disease Prediction Using IOT and Machine Learning	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG10, SDG16	
49		20514802820	Chirag Vashist	7ECE789					
50		21014802820	Rohit Kumar Verma	7ECE789					
51		20314802820	Chayan Kikan	7ECE789					
52	Mr. Sudarshan	13214802820	Shivang singh	7ECE789	Design and Simulation of microstrip patch Antenna for RFID Application	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11	PSO1, PSO2	SDG9, SDG11, SDG13, SDG17	
53		21314802820	Saksham Kumar	7ECE789					
54		15014802820	Vineet Shukla	7ECE789	Design and Analysis of Circularly Polarized Microstrip Patch Antenna for 5G Application	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12	PSO1, PSO2	SDG9, SDG11, SDG13, SDG17	
55		20814802820	Devender	7ECE789					
56		36414802820	Saurav Barik	7ECE789					
57		13414802820	Sourabh beelwan	7ECE789					
58	Mr. Ajay Kr. Garg	7214802820	Jayesh chamoli	7ECE456	Smart Parking System with Advanced Booking	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG3, SDG11	
59		6014802820	Gaurang raj singh	7ECE456					
60		6914802820	Ishita singh	7ECE456					
61		10914802820	Prerit chawla	7ECE456	Autonomous Mine Detection using Robotics and AI	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG7, SDG9, SDG13	
62		5814802820	Dushayant sharma	7ECE456					
63		6314802820	Harsh	7ECE456					
64		11514802820	Raj priya harsh	7ECE456					
65	Mr. Vaibhav Nijhawan	36514802820	Vansh Sudan	7ECE789	The LoRa Disaster Response Network	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG9, SDG11, SDG13	
66		35614802820	Shubhi Agrawal	7ECE789					
67		35314802820	Dhruv Gupta	7ECE789					
68		35514802820	Pratham Goel	7ECE789					
69		5714802820	Divyansh Sharma	8ECE456	6 DoF industrial robotic arm	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11,	PSO1, PSO2	SDG3, SDG7, SDG8, SDG9, SDG12	
70		8314802820	Manan Gupta	7ECE456					
71		4214802820	Ayan Goel	7ECE 123					
72		6714802820	Himanshu Singh Rawat	7ECE456	Operation of hexapod: Asix legged Robot	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG7, SDG8, SDG9, SDG12	
73		7314802820	Jayesh Chaudhary	7ECE456					
74		1714802820	Alok Sharma	7ECE 123					
75		2714802820	Anushka Jyotirmayee Singh	7ECE 123	weapon surveillance	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11,	PSO1, PSO2	SDG9, SDG16	
76		2214802820	Amogh saraf	7ECE 123					
77		214802820	Aaditya Bansal	7ECE 123					
78		11414802820	Radhika sharma	7ECE456					
79	Dr. Divya Goyal	35414802820	Paridhi Puri	7ECE789	Sensor based car locking	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11	PSO1, PSO2, PSO3	SDG9, SD11	
80		36614802820	Yatharth Aggarwal	7ECE789	FMCG-Inventory Management System	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG9, SDG10, SDG16	
81		21214802820	Mohit Mishra	7ECE789					
82		14414802820	Unnat Jain	7ECE789					
83		21914802820	Mitali Jawa	7ECE789					
84		15214802820	Vrinda Maheshwari	7ECE789	Automatic Emergency Notification System for Vehicles	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG9, SDG12	
85		15114802820	Vipin	7ECE789					
86		21714802820	Shefali Gupta	7ECE789					
87		11914802820	Rishabh singh	7ECE789	Multiple disease prediction model	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG3, SDG9	
88		7914802820	Kunal Uppal	7ECE 456					
89	Mr. Rohit Lakhane	3614802820	Aryan Sunilkumar Singh	7ECE 123	Smart Street Light System using ML and APP based UI	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG3, SDG9, SDG11	
90		3514802820	Aryan Singh	7ECE 123					
91		2814802820	Archan Jain	7ECE 123					
92		3714802820	Ashutosh bansal	7ECE 123	Performance analysis of turbo codes	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG4	
93		4614802820	Bhavy Hans	7ECE 123	Weather Station using Sensor (DMP380) Microcontroller	PO1, PO2, PO3,		SDG3	

94	Dr. Rajni	3814802820	Ashutosh Singh Bisht	7ECE 123	Weather Station using Datasol (DMM 2007) Microcontroller (WEMOS D1 MINI)	PO4, PO5, PO7, PO11	PSO1, PSO2	SDG9,SDG11		
95		3414802820	Aryan saijwan	7ECE 123						
96		12514802820	Sameer Raj	7ECE789						
97		14114802820	Tanishq	7ECE789	Image super resolution using deep lerning(cnn)	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG9,SDG4		
98		13814802820	Sudhanshu	7ECE789						
99		13314802820	Shriyam Bhatia	7ECE789						
100		14814802820	Vasu Gambhir	7ECE789	Crop recommendation system	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG2, SDG12		
101		7814802820	Krish Singal	7ECE789						
102		12214802820	Sahil Karandikar	7ECE789						
103	13914802820	Suraj panigrahi	7ECE789							
104	Ms. Kanika Agarwal	36114802820	Aakashj Gupta	7ECE789	Algorithmic Trading	PO1,PO2,PO6, PO7,PO8,PO9, PO10,PO11	PSO1,PSO2	SDG8,SDG9		
105		36014802819	Sahil Gupta	7ECE789						
106		35214802820	Aryan Gupta	7ECE789						
107		22014802820	Aditya Aggarwal	7ECE789	EMO-Care Empowering Elderly With Emotionally Intelligent Robots	PO1,PO2,PO6, PO7,PO8,PO9, PO10,PO11	PSO1,PSO2	SDG3, SDG9, SDG10, SDG11, SDG17		
108		21414802820	Rudraksh Soni	7ECE789						
109		20914802820	Tarun Singh	7ECE789						
110		14314802820	Tushar Sharma	7ECE789	Diabetic Retinopathy Detection System	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG3, SDG9		
111		12914802820	Shashank Haritwal	7ECE789						
112		11614802820	Rajat Kumar Singh	7ECE456						
113	12014802820	Ritik Maheshwari	7ECE456							
114	Dr. Anamika Jain	21514802820	Gurnoor Singh	7ECE789	SignLink	PO1, PO2, PO3, PO4, PO5, PO7, PO11	PSO1, PSO2	SDG4, SDG10		
115		20214802820	Raghav Bharara	7ECE789						
116		21314802820	Saksham Kumar	7ECE789						
117		10214802820	Peeyush Chandra	7ECE789	Facial Emotion Recognition in the Deep CNN	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG3, SDG9		
118		10814802820	Pratyush Rajput	7ECE789						
119		11014802820	Prithvee Raj	7ECE789						
120		1814802820	Aman Dalal	7ECE789						
		Prof.R.S. Gupta								
121	Dr. Javed Ahmed	2314802820	Ankit Raj	7ECE 123	Traffic Mangement System.	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG9,SDG11		
122		2414802820	Anmol Singh	7ECE 123						
123		2514802820	Anshul	7ECE 123						
124	Dr. Anubha Goel	6514802820	Harsh Angad Singh	7ECE 456	Performance Analysis of CMOS inverter Designs under Single Event Upset	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG9, SDG16		
125		9014802820	Naman Kharbanda	7ECE 456						
126		20614802820	Rudransh Garg	7ECE 789						
127	Mr. Amit Saxena	6414802820	Harsh Agarwal	7ECE 456	Design and Manufactin optical electronic load for high current low voltage power supply on mosfet.	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG9, SDG16		
128		13714802820	Subhendu Singh	7ECE 789						
129		514802820	Abhinav khanna	7ECE 123						
130		2614802820	Anubhav Lohani	7ECE 123	Low Power 4-bit/8-bit Processor Design	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG9, SDG16		
131		3114802820	Arnav Kumar	7ECE 123						
132		3914802820	Aviral gaur	7ECE 123						
133	Ms. Preeti Goyal	914807321	Shekhar Kumar	7ECE 123	Rover For Exploration	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG9,SDG13		
134		1614807321	Rajiv Singh	7ECE 123						
135		514807321	Prashant Singh	7ECE 123						
136		814807321	Hardik jain	7ECE 123						
137		414807321	Shivani	7ECE 123	Air Pollution Monitoring System	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG7, SDG9, SDG13		
138		1314802820	Ajeet Pathak	7ECE 123						
139		35214807321	Anshu	8ECE789						
140		35114807321	Rishabh Singh	8ECE789						
141			114802820	Aadish	7ECE 123	IOT BASED AQI LEVEL MONITORING SYSTEM	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG3, SDG7, SDG9, SDG13	
142			7714802820	Krinjal	7ECE 123					
143		1914802820	Amandeep	7ECE 123						

144		1114802820	Adil	7ECE 123		P012			
145	Ms. Swati Sharma	8614802820	Md Saadan Anjum	7ECE 456	Investigation of gan base cylindrical gate schottky barrier mosft	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG9	
146		8414577346	Manav Kaushal	7ECE 456					
147		9514802820	Nikhil pal	7ECE 456					
148		8514802820	Mayank Athwal	7ECE 456					
149		12141802820	Sameer Mansoori	7ECE 789	Temperature induced performance variatio in gan cylindrical schottkey barrier mosft	P01, P02, P03, P04, P05, P09, P010, P011, P012	PS01, PS02, PS03	SDG9	
150		8014802820	Lucky	7ECE 789					
151		9614802820	Nikhil Yadav	7ECE 456					
152		10014802820	Paarth Nakra	7ECE 456					
153		10614802820	Pratham Singh	7ECE 456	Effect of high k dielectric on schottky barrier MOSFET	P01, P02, P03, P04, P05, P09, P010, P011, P012	PS01, PS02, PS03	SDG9	
154		9914802820	Om Joshi	7ECE 456					
155		9114802820	Naman Singh	7ECE 456					
156		3314802820	Aryan Dogra	7ECE 123					
157		3214802820	Aryan	7ECE 123	IoT Sensor Data + ML for Predictive Maintenance	P01, P02, P03, P04, P05, P012	PS01,PS02	SDG9	
158		5414802820	Dhruv Kalra	7ECE 123					
159	Ms. Shalu	9214802820	Navneet Kumar	7ECE 456	Simulation of Tunnel FET (TFET) for Low-Power Applications	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG9	
160		10414802820	Prasan Bora	7ECE 456					
161		13014802820	Shiavm Kumar	7ECE 789					
162		10514802820	Prateek Jain	7ECE 789					
163		36814802820	Gautam Jain	7ECE 789	Maximizing mosfet capabilities gaussian doped eg- jam	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG9	
164		20614802820	Rudransh Garg	7ECE 789					
165		7414802820	Jitender	7ECE 456					
166		14014802820	Syed Mazhar Ali Raza	7ECE 789					
167	Ms. Neeraj	21114802820	Anand Agrawal	7ECE 789	Sensitivity analysis of Silicon based gate stack dual metal nanowire field effect transistor (gate-stack DM NW FET)	P01, P02, P03, P04, P05, P09, P010, P011, P012	PS01, PS02, PS03	SDG9	
168		14214802820	Tanuj	7ECE 789					
169		12614802820	Sanoop Kumar	7ECE 789					
170		9814802820	Nilesh	7ECE 456					
171		10314802820	Pranav	7ECE 456	Shallow extension engineered dual metal surrounding gate FET	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG9	
172	Ms. Sumedha Gupta	20714802820	Anurag Agarwal	7ECE 456	Enhancing UAV Performance: Innovations in Design and Stability Improvement	P01, P02, P03, P04, P05, P09, P010, P011	PS01, PS02, PS03	SDG9, SDG11, SDG13	
173		21614802820	Deepanshu Bhardwaj	7ECE 456					
174		1514802820	Akshaya A.R	7ECE 123					
175		8114802820	Madhav	7ECE 456					
176		1414802820	Akshat Kholi	7ECE 123	Smart Wearable System to enhance Coal Miner's safety	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG3,SDG8	
177		8914802820	Moksha jain	8ECE 456					
178		2.01E+10	Bharat Narula	8ECE 789					
179		20414802820	Mehak sharma	7ECE 456					
180		1314807321	Km Neelam	7ECE 123	ATM Security System with Automated Door Lock and unconscious spray with alert message	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG9,SDG16	
181		1114807321	Sakshi Tripathi	7ECE 123					
182		36014802820	Kshitij Singh	7ECE789					
183		36714802820	Sahaj Arora	7ECE789					
184	Mr. B.K.Singh	36214802820	Sanskar Goyal	7ECE789	Smart Garbage Monitoring System	P01, P02, P03, P04, P05, P09, P010, P011,	PS01, PS02, PS03	SDG11,SDG12	
185		14914802820	Vinayak Verma	7ECE 789					
186		10714802820	Pratyaksh Gupta	7ECE 456					
187		11714802820	Raman Pandey	7ECE 456					
188		12114802820	Rudraksha Sharma	7ECE 456	Hardware and IOT hacking	P01, P02, P03, P05, P06, P07, P09, P010, P011, P012	PS01, PS02, PS03	SDG9,SDG16	
189		314807321	Aman Yadav	8ECE 123					
190	Ms. Abhilasha	714807321	Om	8ECE 123	GSM-Based Prepaid Energy Meter	P01, P02, P03, P04, P05, P09, P010, P011, P012	PS01, PS02, PS03	SDG7,SDG12	
191		1014807321	Monu Kumar	8ECE 123					
192		1514807321	Nishant Kumar	8ECE 123					
193		12314802820	Sakshar Khurana	7ECE 456					
194		11214802820	Puru Sharma	7ECE 456	Smart Door Access with IoT Technology	P01, P02, P03, P05, P06, P07,	PS01, PS02	SDG9,SDG11	

195	Gokul	11814802820	Rishabh	7ECE 456	Smart Door Access with IoT Technology	PO9, PO10, PO11, PO12	PSO1, PSO2	SDG3,SDG9	
196		11314802820	Pushpak Jain	7ECE 456					
197		13614802820	Spriha Ghosh	7ECE789	Web Cam based Realtime Thermal Monitoring for Sentiment Analysis	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG3,SDG9	
198		12714802820	Sejal Srivastava	7ECE789					
199		14514802820	Vanshita	7ECE789					