

Details of Minor Project_ 2020-24

S.NO	MENTOR	ROLL NO	NAME	GROUP	Project Title	POs	PSOs	SDG
1	Prof. Sunil Mathur	1214802820	Aditya Kumar	7ECE 123	Cryptocurrency Price Prediction using time series data, sentimental analysis model and currency indicators	PO1, PO2, PO6	PSO1, PSO2	SDG2, SDG9
2		1614802820	Ali Subooh	7ECE 123				
3		2114802820	Aman Soni	7ECE 123				
4	Dr. Nitin Sharma	4514802820	Azaz Ali	7ECE 123	Detection of Parkinson disease	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG10, SDG16
5		314802820	Abhijeet	7ECE 123				
6		6214802820	Hardik Negi	7ECE456				
7		21814802820	siddharth sharma	7ECE789	AQI prediction and analysis	PO1, PO2, PO6	PSO1, PSO2	SDG 3, SDG 7, SDG 9, SDG 11
8		914802820	Abhishek kumar jha	7ECE 123				
9		714802820	Abhishek Gupta	7ECE 123				
10		1014802820	Adesh Mishra	7ECE 123	Multiple Disease Detection	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG10, SDG16
11		414802820	Abhinav Bhardwaj	7ECE 123				
12		614802820	Abhineet Verma	7ECE 123				
13		50114802820	Mohit Agrawal	7ECE789	Supply chain tracing framework using blockchain technology	PO3, PO4, PO11	PSO2, PSO3	SDG8, SDG9
14		6814802820	Ishant	7ECE 456				
15	Mr. P.K. Chaudhary	5614802820	Dipanshu Kumar	7ECE 456	Robust Image classification using Deep learning	PO1, PO2, PO6	PSO1, PSO2	SDG 3, SDG 7, SDG 9, SDG 11
16		10114802820	Paavita	7ECE456				
17		9314802820	Navya Narula	7ECE456				
18		7114802820	Jatin Bishla	7ECE456	Stock price prediction	PO1, PO2, PO6	PSO1, PSO2	SDG 3, SDG 7, SDG 9, SDG 11
19		7614802820	Komal Indoria	7ECE456				
20		5914802820	Gabriel Hans	7ECE456				
21	Mr. Ajay Gupta	9714802820	Nikhilesh Bisht	7ECE456	NEWS CATEGORY PREDICTION	PO1, PO2, PO6	PSO1, PSO2	SDG4,SDG9, SDG16
22		5014802820	Darpan Chanana	7ECE 123				
23		2914802820	Arjun Vashisht	7ECE 123				
24		2014802820	Aman kumar	7ECE 123	Speech Recognition on Microcontroller and its Application in Healthcare	PO1,PO2,PO6, PO7,PO8,PO9,	PSO1, PSO2	SDG10, SDG11, SDG17SDG15 SDG7
25		3014802820	Arnav Goel	7ECE 123				
26		4814802820	Chaitanya Singh Bisht	7ECE 123				
27		14714802820	Varun Gambhir	7ECE789	EV ROUTING AND CHARGING STATION PRIORITIZATION	PO1, PO2, PO6	PSO1, PSO2	SDG7,SDG9, SDG11,SDG13
28		7514802820	Kanushi Baweja	7ECE456				
29		8714802820	Meenal Humnekar	7ECE456				
30		7014802820	Jagriti Thakur	7ECE456	Circular Polarized Microstrip Patch Antenna	PO1, PO3, PO5	PSO1, PSO3	SDG9
31		8814802820	Mohit Thakur	7ECE456				
32		4414802820	Ayushi	7ECE123				
33		6614802820	Harsh Khandelwal	7ECE456				
34		8214802820	Manan Chahar	7ECE456				
35		5214802820	Dhruv Gautam	7ECE123				

36	Dr. S. K. Kundu	5314802820	Dhruv Jain	7ECE123	Microstrip Patch Antenna	PO1, PO3, PO5	PSO1, PSO3	SDG9
37		4914802820	Chintu Jaiswal	7ECE123				
38			Deepak Kumar Jha	7ECE123				
39		4014802820	Aviral Sharma	7ECE123	Coplanar Waveguide Antenna	PO1, PO3, PO5	PSO1, PSO3	SDG9
40		4714802820	Brajesh Singh Shekhawat	7ECE123				
41	Dr. Umesh Singh	1414807321	Paras	7ECE123	FIRE FIGHTING ROBOT WITH BLUETOOTH	PO1, PO3, PO5	PSO1, PSO3	SDG9,SDG11, SDG13
42		1214807321	Anmol Madan	7ECE123				
43		214807321	Harsh	7ECE123				
44		614807321	Raman Parmar	7ECE123	Automated pet Feeder	PO3, PO5, PO11	PSO2, PSO3	SDG3,SDG9, SDG12
45		20514802820	Chirag Vashist	7ECE789				
46		21014802820	Rohit Kumar Verma	7ECE789				
47		20314802820	Chayan Kikan	7ECE789	OBSTACLE AVOIDING SMART CAR	PO1, PO3, PO5	PSO1, PSO3	SDG3,SDG9, SDG11
48		35214807321	Anshu	7ECE789				
49		35114807321	Rishabh Singh	7ECE789				
50	Mr. Sudarshan	13214802820	Shivang singh	7ECE789	Design of 2.8 GHz Circularly Polarized Microstrip Patch Antenna	PO2, PO4, PO6	PSO1, PSO2	SDG9
51		21314802820	Saksham Kumar	7ECE789				
52		15014802820	Vineet Shukla	7ECE789				
53		20814802820	Devender	7ECE789				
54		13114802820	Shivam Mangla	7ECE789				
55		14614802820	Varnit Rana	7ECE789	Radar Target Classification	PO2, PO4, PO6	PSO1, PSO2	SDG9,SDG16
56		36414802820	Saurav Barik	7ECE789				
57		13514802820	Spandan Rout	7ECE789				
58		13414802820	Sourabh beelwan	7ECE789				
59	Mr. Ajay Kr. Garg	7214802820	Jayesh chamoli	7ECE456	Smart Parking System with Advanced Booking	PO3, PO4, PO5	PSO2, PSO3	SDG9, SDG11, SDG13
60		6014802820	Gaurang raj singh	7ECE456				
61		6914802820	Ishita singh	7ECE456				
62		10914802820	Prerit chawla	7ECE456	Bluetooth Based Car Control System using Raspberry Pi	PO3, PO4, PO5	PSO2, PSO3	SDG9, SDG11, SDG13
63		5814802820	Dushyant sharma	7ECE456				
64		6314802820	Harsh	7ECE456				
65		11514802820	Raj priya harsh	7ECE456				
66	Mr. Vaibhav Nijhawan	36514802820	Vansh Sudan	7ECE789	Railway Track Security	PO1, PO2, PO3, PO4, PO5, PO6, PO12	PSO1, PSO2	SDG9, SDG11, SDG13
67		35614802820	Shubhi Agrawal	7ECE789				
68		35314802820	Dhruv Gupta	7ECE789				
69		35514802820	Pratham Goel	7ECE789				
70		5714802820	Divyansh Sharma	7ECE 123	Robotic ARM	PO1, PO3, PO6, PO8, PO9, PO10, PO11	PSO1, PSO2	SDG3,SDG6,SDG9, SDG10,SDG11, SDG17
71		8314802820	Manan Gupta	7ECE456				
72		4214802820	Ayan Goel	7ECE 123				
73		6714802820	Himanshu Singh Rawat	7ECE456	Autonomous Hexapod	PO1, PO2, PO3, PO5, PO6, PO9, PO10, PO11,	PSO1, PSO2, PSO3	SDG3,SDG7,SDG8,SDG9,SDG12
74		7314802820	Jayesh Chaudhary	7ECE456				
75		1714802820	Alok Sharma	7ECE 123				

76		2714802820	Anushka Jyotirmayee Singh	7ECE 123		PO12		
77		2214802820	Amogh saraf	7ECE 123	3D view Generation	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG11, SDG4
78		214802820	Aaditya Bansal	7ECE 123				
79		11414802820	Radhika sharma	7ECE456				
80	Dr. Divya Goyal	35414802820	Paridhi Puri	7ECE789	MI based Routing and Charging strategies for EVs	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG7, SDG9, SDG11, SDG13
81		36614802820	Yatharth Aggarwal	7ECE789				
82		21214802820	Mohit Mishra	7ECE789	fast-movng consumer goods An inventory mangement system	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG8, SDG9, SDG12
83		14414802820	Unnat Jain	7ECE789				
84		21914802820	Mitali Jawa	7ECE789				
85		15214802820	Vrinda Maheshwari	7ECE789	Design and implementation of parking mangement system of FPGA	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG11
86		15114802820	Vipin	7ECE789				
87		21714802820	Shefali Gupta	7ECE789				
88		11914802820	Rishabh singh	7ECE789	Investing of Traffic light control system	PO3, PO4, PO5	PSO2, PSO3	SDG9, SDG11, SDG13
89	Mr. Rohit Lakhane	3614802820	Aryan Sunilkumar Singh	7ECE 123	Automated Street Light System	PO3, PO4, PO5	PSO2, PSO3	SDG9, SDG11, SDG13
90		3514802820	Aryan Singh	7ECE 123				
91		2814802820	Archan Jain	7ECE 123				
92		3714802820	Ashutosh bansal	7ECE 123	Image Compression Techniques using MATLAB	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
93		4614802820	Bhavy Hans	7ECE 123	Wireless Electicity using Resonant Inductive Coupling	PO1, PO2, PO3, PO4, PO5, PO6, PO12	PSO1, PSO2	SDG7, SDG9
94		3814802820	Ashutosh Singh Bisht	7ECE 123				
95		3414802820	Aryan sawan	7ECE 123				
96	Dr. Rajni	12514802820	Sameer Raj	7ECE789	TRAFFIC LIGHT OPTIMIZATION	PO3, PO4, PO5	PSO2, PSO3	SDG9, SDG11, SDG13
97		14114802820	Tanishq	7ECE789				
98		13814802820	Sudhanshu	7ECE789				
99		13314802820	Shriyam Bhatia	7ECE789	MINI MEDICAL SYSTEM	PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10	PSO1, PSO2, PSO3	SDG3, SDG9, SDG11, SDG17
100		14814802820	Vasu Gambhir	7ECE789				
101		7814802820	Krish Singal	7ECE789				
102		12214802820	Sahil Karandikar	7ECE789				
103		13914802820	Suraj panigrahi	7ECE789				
104	Ms. Kanika Agarwal	36114802820	Aakashj Gupta	7ECE789	Product Detection using CNN	PO1, PO2, PO3, PO4, PO5, PO10, PO12	PSO1, PSO2	SDG9, SDG12
105		36014802819	Sahil Gupta	7ECE789				
106		35214802820	Aryan Gupta	7ECE789				
107		22014802820	Aditya Aggarwal	7ECE789				
108		21414802820	Rudraksh Soni	7ECE789	SPEECH GENERATION USING ELECTROMYOGRAPHY	PO1, PO2, PO6	PSO1, PSO2	SDG2, SDG9
109		20914802820	Tarun Singh	7ECE789				
110		14314802820	Tushar Sharma	7ECE789				
111		12914802820	Shashank Haritwal	7ECE789	Real -Time hand Tracking and speech Recognition for human-computer interaction	PO1, PO2, PO6	PSO1, PSO2	SDG9, SDG10
112		11614802820	Rajat Kumar Singh	7ECE456				

113		12014802820	Ritik Maheshwari	7ECE456	Human-Computer Interaction			
114		21514802820	Gurnoor Singh	7ECE789				
115		20214802820	Raghav Bharara	7ECE789	Lip reading using tensorflow Deeplearning	PO1, PO2, PO6	PSO1, PSO2	SDG9, SDG10
116		21314802820	Saksham Kumar	7ECE789				
117		10214802820	Peeyush Chandra	7ECE789	Automated pet Feeder	PO1, PO2, PO3, PO4, PO5, PO7, PO12	PSO1, PSO2	SDG9, SDG3
118		10814802820	Pratyush Rajput	7ECE789				
119		11014802820	Prithvee Raj	7ECE789	Fire detection Alarm System and Prevention.	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO12	PSO1, PSO2	SDG3, SDG9, SDG11
120		1814802820	Aman Dalal	7ECE789				
121	Prof R.S.							
122		2314802820	Ankit Raj	7ECE 123	Design of Low Power BCD Adder using Pass Transistor Logic	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
123		2414802820	Anmol Singh	7ECE 123				
124		2514802820	Anshul	7ECE 123				
125		6514802820	Harsh Angad Singh	7ECE 456	Low Power ALU Design using CMOS Technology	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
126		7914802820	Kunal Uppal	7ECE 456				
127		9014802820	Naman Kharbanda	7ECE 456				
128		20614802820	Rudransh Garg	7ECE 789				
129		6414802820	Harsh Agarwal	7ECE 456	Implementation of Low-Power Vedic Multiplier using VLSI	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
130		13714802820	Subhendu Singh	7ECE 789				
131		514802820	Abhinav khanna	7ECE 123				
132		2614802820	Anubhav Lohani	7ECE 123	CMOS-Based PLL Design for Clock Synchronization	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
133		3114802820	Arnav Kumar	7ECE 123				
134		3914802820	Aviral gaur	7ECE 123				
135		914807321	Shekhar Kumar	7ECE 123	Wifi Controlled Stair Climbing Robot / Mars Rover	PO1, PO3, PO6, PO8, PO9, PO10, PO11	PSO1, PSO2	SDG9, SDG11, SDG13, SDG15, SDG17
136		1614807321	Rajiv Singh	7ECE 123				
137		514807321	Prashant Singh	7ECE 123				
138		814807321	Hardik jain	7ECE 123				
139		414807321	Shivani	7ECE 123	Implementation of interrupt controller on FPGA	PO1, PO2, PO3, PO4, PO5, PO9, PO12	PSO1, PSO2	SDG9
140		1314802820	Ajeet Pathak	7ECE 123				
141		114802820	Aadish	7ECE 123	MOSFET simulation using Silvaco	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
142		7714802820	Krinjal	7ECE 123				
143		1914802820	Amandeep	7ECE 123				
144		1114802820	Adil	7ECE 123				
145		8614802820	Md Saadan Anjum	7ECE 456	Investigation of sensitivity of schottky barrier gate	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
146		7814577346	Manav Kaushal	7ECE 456				
147		9514802820	Nikhil pal	7ECE 456				
148		8514802820	Mayank Athwal	7ECE 456	Temperature-Induced Performance Variation in GaN Cylindrical Schottky Barrier MOSFETs: A Comprehensive Study	PO1, PO2, PO3, PO4, PO5, PO7, PO12	PSO1, PSO2	SDG9, SDG12
149		12141802820	Sameer Mansoori	7ECE 789				
150		8014802820	Lucky	7ECE 789	Using Machine Learning methods to detect fake news.	PO1, PO2, PO3, PO4, PO5, PO7, PO12	PSO1, PSO2	SDG9, SDG16
151		9614802820	Nikhil Yadav	7ECE 456				
152		10014802820	Paarth Nakra	7ECE 456				

153		10614802820	Pratham Singh	7ECE 456	Effect of material engineering on schottkey barrier nano wire MOSFET	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
154		9914802820	Om Joshi	7ECE 456				
155		9114802820	Naman Singh	7ECE 456				
156		3314802820	Aryan Dogra	7ECE 123	CHARACTERIZATION OF GATE ALL ROUND MOSFET AND SCHOTTKY BARRIER	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
157		3214802820	Aryan	7ECE 123				
158	Ms. Shalu	5414802820	Dhruv Kalra	7ECE 123	Simulation Characterization of MOSFET	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
159		9214802820	Navneet Kumar	7ECE 456				
160		10414802820	Prasan Bora	7ECE 456				
161		13014802820	Shiavm Kumar	7ECE 789	Vehicle peed Dectector. Modelling and Simulation of accumulation mode junctionless mosfet	PO1, PO2, PO3, PO4, PO5, PO9, PO12	PSO1, PSO2	SDG9
162		10514802820	Prateek Jain	7ECE 789				
163		36814802820	Gautam Jain	7ECE 789				
164		20614802820	Rudransh Garg	7ECE 789	Cyber sync:unified cpu network.	PO1, PO2, PO3, PO4, PO5, PO9, PO12	PSO1, PSO2	SDG9
165		7414802820	Jitender	7ECE 456				
166		14014802820	Syed Mazhar Ali Raza	7ECE 789	Characterization and simulation of nano wire filled effect transistor	PO1, PO2, PO3, PO4, PO5, PO12	PSO1, PSO2	SDG9, SDG12
167	Ms. Neeraj	21114802820	Anand Agrawal	7ECE 789				
168		14214802820	Tanuj	7ECE 789				
169		12614802820	Sanoop Kumar	7ECE 789				
170		9814802820	Nilesh	7ECE 456	Gate -stack Dual (DM) Nanowire FET with enhanced Analog Performance of High Freq Appliction	PO1, PO2, PO3, PO4, PO5, PO9, PO12	PSO1, PSO2	SDG9
171		10314802820	Pranav	7ECE 456				
172	Dr. A.K. Singh	20714802820	Anurag Agarwal	7ECE 456	Autonomous Medicine Delivery System Using Drone	PO1, PO2, PO3, PO4, PO5, PO9, PO12	PSO1, PSO2	SDG9, SDG3, SDG11
173		21614802820	Deepanshu Bhardwaj	7ECE 456				
174		1514802820	Akshaya A.R	7ECE 123	Smart Wearables for coal miners	PO1, PO2, PO6	PSO1, PSO2	SDG3, SDG8, SDG9
175		8114802820	Madhav	7ECE 456				
176		1414802820	Akshat Kholi	7ECE 123	Energy Conservation Using PIR Sensor Project	PO1, PO2, PO6	PSO1, PSO2	SDG7, SDG11, SDG13
177		8914802820	Moksha jain	7ECE 456				
178		2.01E+11	Bharat Narula	7ECE 456				
179		20414802820	Mehak sharma	7ECE 456	home automation system using arduino	PO1, PO2, PO6	PSO1, PSO2	SDG2, SDG9
180		1314807321	Km Neelam	7ECE 123				
181		114807321	Ishita	7ECE 123				
182		1114807321	Sakshi Tripathi	7ECE 123	Teach cam: A Smart Teaching Camera.	PO1, PO2, PO6	PSO1, PSO2	SDG4, SDG9
183	Mr. B.K.Singh	36014802820	Kshitij Singh	7ECE789				
184		36714802820	Sahaj Arora	7ECE789				
185		36214802820	Sanskar Goyal	7ECE789				
186		14914802820	Vinayak Verma	7ECE 456	Iot based wter Quality monitorng System	PO1, PO2, PO3, PO5, PO6, PO7, PO10	PSO1, PSO2	SDG3, SDG6, SDG11
187		10714802820	Pratyaksh Gupta	7ECE 456				
188		11714802820	Raman Pandey	7ECE 456	Wirless hand gesture controlled robot.	PO1, PO2, PO3, PO5, PO6, PO7,	PSO1, PSO2	SDG3, SDG10

189		12114802820	Rudraksha Sharma	7ECE 456		PO10		
190	Ms. Abhilasha Gokhle	314807321	Aman Yadav	7ECE 456	IOT based Water Level Monitoring System	PO5, PO6, PO7	PSO2, PSO3	SDG13, SDG9
191		714807321	Om	7ECE 456				
192		1014807321	Monu Kumar	7ECE 456				
193		1514807321	Nishant Kumar	7ECE 456				
194		12314802820	Sakshar Khurana	7ECE 456				
195		11214802820	Puru Sharma	7ECE 456	Arduino based Alcohol Detection System	PO1, PO2, PO3, PO5, PO6, PO10, PO11, PO12	PSO1, PSO2, PSO3	SDG3, SDG11
196		11814802820	Rishabh	7ECE 456				
197		11314802820	Pushpak Jain	7ECE 456				
198		13614802820	Spriha Ghosh	7ECE789	Web Based Monitoring System	PO3, PO5, PO11	PSO2, PSO3	SDG9
199		12714802820	Sejal Srivastava	7ECE789				
200		14514802820	Vanshita	7ECE789				