

LIST OF MAJOR PROJECT TITLE FOR B.TECH (ECE) 2021-2025 BATCH {JANUARY - MAY 2025}				
Sr. No.	Name	Enrollment No.	Major Project Title	Name of Project Guide
1	Neeraj	02420802821	Design Analysis of Approximate multiplier using Hybrid Approximate Parallel Prefix Address	Prof. Rajiv Sharma
2	Rohit Rajnish	06420802821	Automated debugging of setup and hold timing reports using Linux based CLI frame works	Prof. Rajiv Sharma
3	Manav Negi	06720802821	Automated debugging of standard CELL library using Linux based frame works	Prof. Rajiv Sharma
4	Atul Mishra	09020802821	Resume Analyzer Using Natural Language Processing(NLP)	Prof. Anuradha Bhasin
5	Shubham singh	08220802821	Resume Parsing ,Categorizing and Job Recommendation using ai,ml	Prof. Anuradha Bhasin
6	Rohit Sharma	50320802821	SATELLITE IMAGE ANALYSIS	Prof. Anuradha Bhasin
7	Amandeep singh	08820802821	SATELLITE IMAGE ANALYSIS USING MACHINE LEARNING"	Prof. Anuradha Bhasin
8	Vandana Sharma	00220807322	Women Safety App	Dr. Akash Rathe
9	Aditya Dixit	21420802821	Smart Crop Protection System	Dr. Akash Rathee
10	Gauri Pandey	01120807322	Anti theft flooring security system	Dr. Akash Rathee
11	Nishant Kumar Singh	20520802821	Smart Crop protection system using IoT	Dr. Akash Rathee
12	Jyoti Saha	00920807322	Wellness mate	Dr. Komal Bhagat
13	Saksham choudhary	05420802821	Solar, Wind, Noise powered Hybrid car with Object detection	Dr. Komal Bhagat
14	Ashish wadhwa	00820807322	Students management system	Dr. Komal Bhagat
15	Amanjyot Singh Kalsi	05520802821	NEUROMUSCULAR ACTIVITY ANALYSIS FOR ATHLETE FATIGUE AND INJURY PREDICTION USING DEEP LEARNING	Dr. Komal Bhagat
16	Yash kaushik	35220802821	Smart highway system	Dr. Komal Bhagat
17	Nishant Jindal	04220802821	Neuromuscular activity analysis for posture correction and Muscle rehabilitation using Deep Learning	Dr. Komal Bhagat
18	Ridhima	05320802821	Dual-Polarised Monostatic Antenna Array With Improved Tx-Rx Isolation for Inband Full Duplex applications	Dr. Sandeep Sharma
19	Sakshi Aggarwal	21020802821	Base station optimized MIMO antenna using DGS-SRR-CSRR hybridization for wideband high Isolation 5G operation	Dr. Sandeep Sharma
20	KARTIKEY PANDEY	08520802821	CHANNEL ESTIMATION OF DFT-S-OFDM	Dr. Pavika Sharma
21	Rahul Sharma	20420802821	Implementation of DFT-S-OFDM	Dr. Pavika Sharma
22	Prince Singh	06020802821	VLSI Circuit Partitioning using Genetic Algorithms	Dr. Pavika Sharma
23	Manish Pokhrel	20720802821	E-Vault for Legal Records using Blockchain Technology	Dr. Pavika Sharma
24	Vangara Yasaswini	35320802821	PAPR Reduction Using DFT-S-OFDM for 6G Networks	Dr. Pavika Sharma
25	Mohit Sharma	01620802821	Spectrum Sensing Using DFT-S-OFDM For 6G NETWORKS	Dr. Pavika Sharma
26	NISHANT KAUSHIK	00520802821	Partitioning and Floor Planning Using Optimization Algorithms	Dr. Pavika Sharma
27	Shiv Shankar Tripathi	06120802821	SYSADMIN Toolkit using Linux based CLI	Dr. Dileep Kumar Dwivedi
28	Rahul Chaudhary	07120802821	Automated Linux system management using Bash scripting	Dr. Dileep Kumar Dwivedi
29	GOVIND SINGH	00320807322	Design of 4 bit array multipiler using CMOS 45nn technology	Dr. Preeti Singh
30	Nitin Kumar	00420807322	SOEN (AI-BASED Software Engineer)	Dr. Preeti Singh
31	Aniket Sarbha	00620807322	AI Based File Drive	Dr. Preeti Singh
32	Aniket Kumar	00220802821	Designing of Lung cancer detection scheme using Image fusion Technique	Dr. Jayant Bhardwaj
33	Siddharth vashisht	35920802821	Design of a novel bioinspired optimisation algorithm	Dr. Jayant Bhardwaj

34	Varun Parashar	01120802821	Applications of a novel bio-inspired algorithm in image processing	Dr. Jayant Bhardwaj
35	Vaibhav Madan	02220802821	Designing of various brain tumor detection techniques	Dr. Jayant Bhardwaj
36	Deepak yadav	00120807322	RFID based Smart attendance system using ESP32	Dr. Megha Agarwal
37	Akash Ranjan	21720802821	Predictive modeling for sustainable agriculture: Enhancing crop yield and reducing food wastage using ml	Dr. Megha Agarwal
38	Kartik Sharma	00520807322	Application of AI in Stock Market	Dr. Megha Agarwal
39	Piyush	36220802821	Machine learning and it's role in stock market	Dr. Megha Agarwal
40	Tripti Aggarwal	06820802821	MULTIPLE DIGIT RECOGNITION SYSTEM	Dr. Usha sharma
41	Divya Jain	06320802821	PREDICTION OF DELIVERY MODES USING CTG & MACHINE LEARNING	Dr. Usha Sharma
42	Mayank shokeen	04420802821	Heartbeat projection graph	Dr. Ritu Rani
43	Chitranshi Joshi	07020802821	Flora Sense: Web Deployment and fine tuning of Mobile Netn V2 Architecture for plant disease detection	Dr. Ritu Rani
44	Tanmayta Tyagi	05120802821	Predictive modelling for early detection and risk assessment of breast cancer using XAI	Dr. Ritu Rani
45	Mayank Chaturvedi	06220802821	Forecasting of AIR quality using IoT and Machine Learning	Dr. Ritu Rani
46	Shriya Pandey	35520802821	Spectrum Sensing with Deep Learning to identify 5G signals withCNN Algorithm	Mr. Risheek Kumar Mishra
47	Bhavya Ahuja	21520802821	Spectrum sensing usind deep learning to identify 5G Signals with hybrid LSTM Algorithm	Mr. Risheek Kumar Mishra
48	JAI SHARMA	36020802821	Design and Simulation of MIMO-OFDM Communication System with Adaptive Modulation	Mr. Risheek Kumar Mishra
49	Rahul Baliyan	04120802821	IoT-Based Smart Health Monitoring & Maintenance System for Good and Well-Being.	Ms. Prachi Kaushik
50	karan pahwa	07320802821	FETAL ABNORMALITIES DETECTION USING DEEP LEARNING	Ms. Prachi Kaushik
51	Lokesh Singh	02320802821	Real time crime monitoring framework using ML	Ms. Prachi Kaushik
52	Piyush Mehta	02620802821	AI Integrated Mentor	Ms. Prachi Kaushik
53	Naman Jain	04320802821	Custom build Linux System for edge computing Applications	Ms. Prachi Kaushik
54	Kanishk Garg	02920802821	Meta-material based Antenna design for 6G wireless system	Ms. Monika Kaushik
55	Vaibhav Bhardwaj	07420802821	SmartRoadsAI: Deep Learning Powered Pothole detection for Safer Infrastructure	Ms. Monika Kaushik
56	Aadi Gupta	06520802821	DeepRoadScan: Deep LearningBased Pothole Detection fromLive Video Feeds	Ms. Monika Kaushik
57	Smriddhi Lau	02820802821	Terahertz antenna design for 6G applicatin	Ms. Monika Kaushik
58	Mansi Kumari	03020802821	Website featuring medical image processing tools	Ms. Tanima Ghosh
59	DEVISHA	50220802821	CNN BASED BRAIN TUMOR DETECTION	Ms. Tanima Ghosh
60	Shelly Sati	09720802821	MUTI-MODAL MEDICAL IMAGE FUSION	Ms. Tanima Ghosh
61	Yash bansal	02020802821	Garbage image detection using ML	Ms. Tanima Ghosh
62	Deepti Kushwaha	07720802821	SkyOffice: A cloud based virtual office	Ms. Tanima Ghosh
63	Robinsh Kumar	09220802821	Medical Image enhancement	Ms. Tanima Ghosh
64	Rohit Rawat	00920802821	CNN based image denoisation	Ms. Tanima Ghosh
65	Riya Dhami	08826594211	Evaluating Machine Learning models in identifying and addressing hate speech	Ms. Tanima Ghosh
66	ISRAIL SAIFI	08720802821	Multitasking LLM Applications	Dr. Pavika Sharma & Ms. Tanima Ghosh
67	Musaib Ahmad Parray	75120802821	Implementation of fbmc/oqam using matlab	Dr. Pavika Sharma & Ms. Tanima Ghosh

68	Vansika Raj	06920802821	Chrome Extention & Web Based GUI for Income Tax Filing under The New Tax Regime	Dr. Pavika Sharma & Ms.Tanima Ghosh
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