



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT, DISTT. SOLAN (H.P.) - 173234

Department of Electronics and Communication Engineering

B. Tech. (Final Year) MAJOR PROJECT TITLES, AY 2022-23

Sl.	Group	Roll No.	Name	Project Title	Project Supervisor
1	EC401	191001	Harshit Thakur	Aerial Surveillance Security System	Dr. Vikas Baghel
		191005	Saksham Gupta		
2	EC402	191002	Sagrika Gargya	Web Application Based on Optical Character Recognition	Dr. Nafisudin Khan
		191034	Falguni Bharadwaj		
		191041	Vaishnavi Singh		
3	EC403	191003	Saloni Sharma	Cardiovascular Disease Prediction	Dr. Alok Kumar
		191026	Dhruv Batra		
4	EC404	191004	Pragya Tiwari	Fraud Risk Management System	Dr. Pardeep Garg
5	EC405	191017	Ripunjay Singh Jandrotia	Smart Wheelchair Component System	Dr. Nishant Jain
		191020	Kartik Katoch		
6	EC406	191007	Apurav Sharma	Crime Prediction Model Using Artificial Neural Networks	Dr. Harsh Sohal
		191015	Srajan Sharma		
7	EC407	191008	Saanidhya Yadav	Traffic Sign Recognition System for Autonomous Vehicle	Dr. Emjee Puthooran
		191023	Saransh Rohilla		
8	EC408	191010	Rohit Raj	Water Quality Monitoring System	Prof. Rajiv Kumar
9	EC410	191013	Abhishek	Accidental Prevention System	Dr. Nishant Jain
		191019	Vimal Bhatia		
10	EC411	191016	Varun Katoch	Arduino based Bot for detection of Leaf Diseases	Prof. Shruti Jain
		191022	Karan Verma		
11	EC412	191018	Pratham Bhardwaj	Hate speech Detection in Hinglish Text using Deep Learning	Dr. Naveen Jaglan
		191028	Ritika Tiwari		
		191035	Dhruv Thakur		
12	EC413	191036	Sumant Kumar Singh	Food Recognition and Calorie Estimation	Dr. Shweta Pandit
		191043	Srinaga Sai Kartik Vinnakota		
13	EC414	191025	Amber Atri	Weather and home Automation (Auto Temperature Detector for Entrance and Home Automation using HMI display)	Mr. Munish Sood
		191039	Ambar S Tiwari		
14	EC415	191031	Prakhar	Implementation of Deep Dream Algorithm using Python	Dr. Alok Kumar
		191037	Chandramauleshwar Singh		
15	EC416	191033	Gaurang Khanna	Classification of Covid-19 DNA Sequence using Short Time Fourier Transform	Dr. Sunil Datt Sharma
		191045	Anjali Rana		
16	EC417	191038	Devansh Gupta	IOT based Smart Agricultural Automation	Dr. Naveen Jaglan
		191040	Sanskriti Choudhary		
17	EC418	191042	Deepak Kumar	Sports Result/Score Prediction Using Machine Learning	Lt. Pragya Gupta
		191049	Shivendra Singh		
18	EC419	191044	Shreyansh Shrivastava	Disease Detection Using IOT From Urine	Dr. Nafis Uddin Khan
		191048	Prajwal Shukla		
19	EC420	191046	Stuti Roy	Li-Fi Based Home Navigation	Dr. Shweta Pandit
		191047	Shalini Siddhi		

20	EC421	191011	Zeeshan Naseem (Condense Sem. and Company Project)	Prior-art Analysis	Dr. Pardeep Garg and One supervisor assigned from Company
21	EC422	191012	Shikhar Trivedi (Condense Sem. and Company Project)	Digital banking: Making Ticketing Tool & Testing the mobile application	Dr. Pardeep Garg and One supervisor assigned from Company
22	EC423	191029	Mukul Anand (Condense Sem. and Company Project)	O-RING DETECTION OF GEAR HOUSING AND MAINTENANCE DOWNTIME ANALYSIS DASHBOARD	Dr. Pardeep Garg and One supervisor assigned from Company
23	EC424	191021	Shubham Jha (Condense Sem. and Company Project)	Intellectual Property, Technology and Innovation	Dr. Shweta Pandit and One supervisor assigned from Company
24	EC425	191006	Vijyant Chauhan (Condense Sem. and Company Project)	Innovation And Intellectual Property: Evaluating Patent Invalidity, Infringement, FTO, Landscape, Novelty Searching, And IPR For Robust IP Protection Strategies	Dr. Nishant Jain and One supervisor assigned from Company



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B. Tech. (Third Year) MINOR PROJECT TITLES, AY 2022-23

Sl.	Group	Roll No.	Name	Project Title	Project Supervisor
1	EC301	201002	Harshit Singh	Water Level Control using PLC	Dr. Salman Raju Talluri
		201005	Akhil Verma		
2	EC302	201004	Saksham Maini	FPGA Implementation of Multiplier for Image/Signal Processing Applications	Prof. Shruti Jain
		201017	Manas Jain		
3	EC303	201006	Himanshi Sood	SHCOLARLY	Dr. Naveen Jaglan
		201020	Anirudh Sharma		
4	EC304	201007	Tushar Paul	Bridge Safety System	Dr. Nishant Jain
		201016	Ekal Sharma		
5	EC305	201009	Manav Modi	Attendance System using RFID	Mr. Munish Sood
		201544	Varidhi		
6	EC306	201010	Rishita Kumari	Aurduino Based Soil Moisture Detector	Dr. Harsh Sohal
		201014	Mokshika		
7	EC307	201012	Arsh Aryan	Motion Sensing Robotic Arm	Dr. Emjee Puthooran
		201025	Maitreyi		
8	EC308	201021	Ansh Gupta	Over Speed Car Detection	Dr. NafisUddin Khan
9	EC309	201024	Rahul Rana	Object Avoidance UAV	Dr. Vikas Baghel
		201182	Aryan Bhardwa		