B.TECH
ELECTRONICS AND COMMUNICATION ENGINEERING

Group No.	Roll No.	Name of students	Project Guide	Topic	Hardware/ Software	Domain
Project II Course Code KEC 851 (Session 2021-22)						
1	1805231016	AYUSH MISHRA	Prof. Subodh Wairya	Sign Language recognition using F-RCNN and Text Conversion	Software and Mobile application	AI and Machine learning
	1805231003	ADITYA SHAURYA				
	1805231041	RAJ KRISHNAN				
	1805231014	ASHISH MAURYA				
2	1805231032	MANEESH	Dr. Rajiv Kumar Singh	Intelligent Security and Information Management System using Video Analysis	Software	AI and Machine learning
	1805231037	PRASHANT SINGH				
	1805231005	AJEET KUMAR YADAV				
	1900520319003	PRANJAL MITTAL				
3	1805231055	SHRISTI SINGH	Dr. RCS Chauhan	Smart Navigation for the Visually Impaired using Li-Fi Technology	Hardware	Optical Communication
	1900520319002	LALIT KUMAR JADAUN				
	1900520319006	VISHAL SETH				
	1900520319004	PREETI SHAH				
4	1805231040	RAHUL MISHRA	Prof. Neelam Srivastava	Lane Detection Using Image Processing	Software	Digital Image Processing
	1805231046	SANDEEP VERMA				
	1805231011	ARCHIT PANDEY				
	1805231054	SHIVANSH PATEL				
5	1805231045	RUDRA SAKSENA	Er. Amit Kumar	Greenhouse Monitoring and Control System Using IoT	Hardware	Embedded System
	1805231023	DEEPANKAR SEN				
	1805231043	REEMA MADDHESHIA				
	1805231060	UTKARSH SHARMA				
6	1805231058	TANISH GUPTA	Dr. Deo Chandra Jaiswal	Object and Crack Detection on Track	Hardware	Embedded System
	1805231007	AMISH MANGLA				
	1805231013	ASHISH KUMAR VIMAL				
	1805231017	AYUSH SHARMA				
7	1805200061	UNNATI GUPTA	Dr. Divya Sharma	Design and Simulation of Photonic Crystal Fiber	Software	Optical Fiber Communication
	1805231048	SHARIB				
	1805232001	ABHIKRITI MAURYA				
	1900520319001	ABHISHEK KUMAR				

8	1805231002	ADITI VERMA	Er. Harshita Tiwari	Machine Learning based Anomaly detection and speed estimation for Vehicles	Software	Digital Image Processing and Digital Image Processing
	1805231024	DHARMESHWAR KUMAR				
	1805231004	ADITYAKAR SINGH				
	1805231030	KUNAL SAGAR				
9	1805231008	ANANT AGARWAL	Er. Priyanka Shakya	Advanced Driver Assistance Systems	Software	AI and Machine learning
	1805231051	SHIVAM CHAWLA				
	1805231036	PRADHUMNA SINGH				
	1805231061	VAIBHAV SINGH				
10	1805231020	CHIRAG GUPTA	Dr. Dinesh Kumar Kotary	Automation based door-lock-unlock system using facial recognition technique	Software	Digital Image Processing
	1805231015	AYUSH KUMAR CHAK				
	1805231021	CHITRANSH RAJ				
	1805231027	HITESH SINGH BHADAURIA				
11	1900520319005	PRINCE SINGH	Dr. RCS Chauhan	Automated Tank Filling System Using Sun Tracking Solar Panel	Hardware	Embedded System
	1805231031	MAKRAND KUMAR				
	1805231050	SHESHMANI PATEL				
	1805231035	PIYUSH AGARWAL				
12	1805231009	ANJALI SINGH	Prof. Neelam Srivastava	Weather Reporting and Monitoring System	Hardware	Embedded System
	1805231063	VANSHIKA SINGH				
13	1805231049	SHASHI TYAGI		Comparison of Various Algorithm in Heart Disease Prediction	Software	AI and Machine learning
	1805231019	CHARAGE ANWAR ANSARI				
14	1805231053	SHIVANI GUPTA	Prof. Subodh Wairya	4-bit Arithmetic Logic Unit that uses Adjustable Threshold Pseudo-dynamic Logic	Software	Integrated Circuit
	1805231056	SHRUTI ASTHANA				
	1805231034	MONIKA JAISWAL				
	1805231057	SRISHTI SINGH				
15	1805231042	RAVI VEDIC	Dr. Tanmay Dubey	Improvement in Gain of Operational Amplifier	Software	Analog Integrated Circuit
	1805231028	KARNA PATEL				
	1805231052	SHIVAM GUPTA				
	1805231044	ROHAN KUMAR				

B.TECH
ELECTRONICS AND COMMUNICATION ENGINEERING

16	1805231038	PRATUSH JAIN	Dr. Rajiv Kumar Singh	Covid-19 Mass Management System for Mall and Public Place Using IoT	Hardware and Software	IoT and Machine learning
	1805231062	VAIBHAV TOMAR				
	1805231033	MANSI MAURYA				
	1805231029	KARTIKEY AGRAHARI				
	1805231010	APOORV GUPTA				
17	1805231026	HARSHITA SHUKLA	Dr. Tanmay Dubey	Automatic Vehicle Accident Alert System	Software	AI and Machine learning
	1805231012	ASHISH KUMAR				
	1805231022	DEEPAK KUMAR KHARWAR				
	1805231059	UDIT TOMAR				

B.TECH
ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT
INSTITUTE OF ENGINEERING &TECHNOLOGY
SITAPUR ROAD, LUCKNOW 266021

IET/IECD/2022-   Dated- 25/06/2022

<u>Notice</u>

As per the report of the Project Evaluation Committee vide letter no. IET/ECD/2022-2933(A) Dated16/05/2022 the following projects have been selected for best five projects of B.Tech. Electronics & Communication Engineering Department for Session 2021-22:

S.No.	Project Title	Project guide	Project members	Roll No.
1	Sign Language recognition using F-RCNN and Text Conversion	Prof. Subodh Wairya	Ayush Mishra	1805231016
			Aditya Shaurya	1805231003
			Raj Krishnan	1805231041
			Ashish Maurya	1805231014
2	Intelligent Security and Information Management System using Video Analysis	Dr. Rajiv Kumar Singh	Maneesh	1805231032
			Prashant Singh	1805231037
			Ajeet Kumar Yadav	1805231005
			Pranjal Mittal	1900520319003
3	Design and Simulation of Photonic Crystal Fiber	Dr. Divya Sharma	Unnati Gupta	1805200061
			Sharib	1805231048
			Abhikriti Maurya	1805232001
			Abhishek Kumar	1900520319001
4	Smart Navigation for the Visually Impaired using Li-Fi Technology	Dr. RCS Chauhan	Shristi Singh	1805231055
			Lalit Kumar Jadaun	1900520319002
			Vishal Seth	1900520319006
			Preeti Shah	1900520319004
5	Lane Detection Using Image Processing	Prof. Neelam Srivastava	Rahul Mishra	1805231040
			Sandeep Verma	1805231046
			Archit Pandey	1805231011
			Shivansh Patel	1805231054

(Dr. Deo Chandra Jaiswal)
Member
Project Evaluation Committee

(Dr. Dinesh Kumar Kotary)
Member
Project Evaluation Committee

(Dr. R.C.S. Chauhan)

Project Coordinator

(Prof. Subodh Wairya)
Vice Chairman
Project Evaluation
Committee

(Prof. Neelam Srivastava)
Chairman
Project Evaluation
Committee