Department of Computer Science & Engineering					
Project Detail (Session 2020-21)					
S.N.	**Roll Number**	**Student's Name**	**Name of Project Guide/Supervisor**	**Project Title**	**Project Outcomes**
1	1729010185	Vinay goel (leader)	Mr. Raj Kumar	Driverless car	To enable a driverless car driving, decrease death rate caused by vehicle accidents and reduces harmful emissions
	1729010171	Tanmay kapil			
	1729010158	Shubham sharma			
2	1729010144	Sarthak pandey(leader)	Mr. Megh Singhal	Workforce accumulation system	This system aims to fulfil various drawbacks a person faces in day-to-day life to search for labor for the tasks which may be some maintenance or going from scratch to appropriate constructions.
	1729010143	Sarthak mishra			
	1729010146	Satyam negi			
3	1729010086	Mansi bisht (leader)	Mr. Sanjeev kumar	Supply Boat	This is a flood disaster management system. This smart system provide facilities to affected

	1729010101	Muskan srivastava			person like medical aid, food aid and it is also used prediction of number of affected person
4	1729010181	Vaibhav raj srivastava (leader)	Mr. Upendra Kumar Tiwari	Finance Information Updates	The system will reduce the time for communication set up and generates a channel for information passing. The application will overcome various requirements of the finance ministry for information passing. Keeping security at this top priority, the application ensures solving raised issues at various levels, ensuring loads distribution and efficient working of the application
	1729010149	Shatabdi singh			
	1729010131	Riya goel			
5	1729010121	Princee(leader)	Mr. Raj Kumar	Crop Prediction and Disease Detection	The system will facilitate farmers with: 1. Disease Prediction 2. Crop Recommendation 3. Calendar with push notifications & News Feed
	1729010164	Sonika soni			
6	1729010103	Naman sandilya (tl)	Dr. K.K.Agrawal	Fast and Secure Block chain Framework	The outcome of this project is to propose a framework for integrating block chain technologies into the back-end of an application and providing cross-platform support for developer efficiency.
	1729010091	Mihir luthra			
	1729010092	Mohd. Gulfam			
7	1729010125	Rahul jha	Mr. Raj Kumar	Crop Prediction and Disease Detection	The system will facilitate farmers with: 1. Disease Prediction of crop plant 2. Suitable Crop Recommendation based on soil nutrients. 3. Calendar with push notifications & News Feed
	1729010148	Shakshi shukla			

8	1729010168	Srishti gupta (tl)	Mr. Avinash Kumar Sharma	Air Quality Prediction	The outcome of the project is to increase the accuracy of the Air quality prediction by using XGboost ensemble learning technique with 4 different parameters that are PM2.5, PM.10, So2, and Temperature.
	1729010184	Vikas kumar			
	1729010177	Tushar saini			
9	1729010106	Niharika dhingra(leader)	Dr. Rizwan Khan	Smart Agriculture Management System	This application will efficiently detect pests in the plants, it will also predict the crop yield in a particular region and also provides a interface for farmers to buy and sell their crop.
	1729010105	Neha bhati			
10	1729010083	Mahima gupta(leader)	Dr. Rizwan Khan	Smart Healthcare Management System	The app will provide the online health services to the patient along with predicting the brain tumour and pneumonia diseases.
	1729010112	Pallavi kumari			
11	1729010173	Tanu Sharma	Mr. Krishna Bihari Dubey	Tourism Assistant and Guide-ATITHI	This application will guide travellers about correct season and timings to visit various monuments, about various events that are organized at the visiting place and also help them in booking guides for any visiting place
	1729010179	Utsav Sharma			
12	1729010071	Jatin sharma(leader)	Mr. Avinash Kumar Sharma	Product Recommendation System and feedback	The Outcomes of this project with the use of hybrid filtering, the overall efficiency of the recommender system increased as we can
	1729010075	Kartikay sharma			

	1729010077	Kaustubh garg		classification using NLP	resolve the issue of "cold-start" problem that arises in case of collaborative filtering.
13	1729010128	Rajesh singh bohra(tl)	Mr. Upendra Kumar Tiwari	Smart Parking Management System	The smart parking system will facilitate the car owner to know the availability status of parking slot in advance which lead to save their time waste and will down the chaos up to great extent.
	1729010147	Saurabh chandra pandey			
	1729010186	Vinay kumar yadav			
14	1729010068	Jagrati tripathi	Mr. Sanjeev kumar	Plasma Donation management and prediction system	This Plasma Donation Prediction and Management system is used to detect whether the donor is the right choice for the plasma donation and to convince people for maximum participation.
	1729010065	Harshita singh			
	1729010090	Medha			
15	1729010043	Ayush bhardwaj	Dr. K.K Agrawal	Fraud Detection in Health insurance	This project aims to illustrate the fraud detection approach based on the Data Science and Machine Learning technology to differentiate the various type of fraudulent activities. This is followed by modelling of parameters using Machine Learning algorithms like Logistic Regression, SVM, and Random Forest Classifier.
	1729010076	Kashish singhal			
		Kirti sharma			
	1729010079				
16	1729010094	Mohit pandey (tl)	Mr. Sanjeev kumar	Breaking reCAPTCHA	The main objective of this project is to determine the security that is provided by the CAPTCHA to the system or application on web.
	1729010116	Prashant kumar			
	1729010100	Muskan jain			

17	1729010159	Shubham uppal (tl)	Mr. Krishna Bihari Dubey	Disease Detector and Medication Proposal System Using Randon Forest Classifier (Healthcare Web Application	In this application, on the basis of most common symptoms of diseases, any users can can get to know about his/her disease without any risk of getting affected through any viruses that is very probable if he/she visits some hospital. It uses random forest technique to predict the disease.
	1729010174	Tarun rawat			
	1729010176	Tushar bakshi			
18	1729010175	Tarun agarwal (tl)	Mr. Avinash Kumar Sharma	AI Recruiter	Through this project, we aim to develop an AI based system that can screen candidates on initial level as a process itself. Using techniques of automated resume classification and personality evaluation, our system will screen most suitable candidates without any bias putting each candidate at equal level.
	1729010137	Sahyog saini			
	1729010	Sandeep kumar shukla			
19	1729010073	Jaya ojha	Mr. Sanjeev Kumar	e-healthcare system	This healthcare system maintain patient health records and getting appointments from various doctors for related treatment and provide different facilities.
	1729010080	Kirtika garg			
	1729010088	Mayank mani tripathi			
20	1729010003	Aarushi sharma (tl)	Mr. Upendra Kumar Tiwari	Caption Schildern	Image Caption is the issue of producing a descriptive sentence of a picture. People can do it easily makes it very interesting and challenging to solve it by AI, Mixing parts of computer vision (specifically scenic components) and common Language Components.
	1729010029	Anushka sharma			
	1729010050	Ayush tiwari			
21	1729010001	Ayushi gupta (tl)	Ms. Jaya Shukla	Facial Recognition	In this work a face recognition system based on

	1729010034	Arpit goel			CNN has been developed. This face recognition system is also capable to handle the pose and illumination variation.
	1729010038	Arunika singh			
22	1729010019	Anirudh kaptiyal	Ms. Archana Sharma	Object Detection	This project focuses on detection of whether the people around us are following social distancing or not in the view of COVID-19. Using YOLOv3 to detect someone's frame and display labels, they can be marked as safe or unsafe, depending on whether the gap between them is sufficient or not. This method is often used for monitoring people via video surveillance through CCTV.
	1729010024	Anubhav singh			
		Anirudh singh			
	1729010018				
23	1729010156	Shobhit vishnoi	Mr. Avinash Kumar Sharma	Education Management System-Gynnasy	The system saves time, offers reliability, availability, and easy control. The application will greatly simplify and speed up the attendance monitoring and academic process. Students check attendance and curriculum details using this application. Also students can view event details, notices. Student will be notified by the application every time when relevant information gets updated.
	1729010183	Vaishnavi bhardwaj			
		Vaibhav agarwal			
	1729010180				
24	1729010022	Annya singh	Dr. K.K Agrawal	Movie Recommendation System	The outcome of this project is to provide an automated movie recommendation system using KNN Algorithm and Cosine similarity
	1729010028	Anukriti goswami			
	1729010030	Anushka tyagi			
25	1729010061	Harsh mishra	Mr. Megh Singhal	College Connect	A platform where everyone can share their pics

	1729010060	Gupta abhishek arvind			or any other stuffs anonymously either it's a pdf file, images or a status and to make people more open and share their knowledge with everyone.
	1729010007	Abhinav singh			
26	1729010108	Nipun tyagi (tl)	Dr. Rizwan Khan	Smart Vehicle system	The system will prevent accident and still if the accident occurs it will raise an alert to nearest police station, hospital & Family members.
	1729010107	Nikita chauhan			
27	1729010161	Shweta shukla (tl)	Dr. Rizwan Khan	Smart Parking	The android and web based system will help people to find and book the empty parking space and predict availability of parking future.
	1729010130	Rishabh gupta			
28	1729010139	Samarpan harit	Dr. Rizwan Khan	Zeron	This system will digitalize the process of incentivizing pollution control using Block chain
	1729010145	Sarthik garg			
29	1629010129	Sarfaraj hussain(tl)	Dr. Rizwan Khan	IoT early flood detection	It can predict the probability of flood in a particular area very efficiently
	1729010058	Faraz ahmad			
	1829010902	Pranav mishra			
30	1729010141	Sanjay yadav (tl)	Ms. Aishwarya Gupta	Pneumonia Detection system	The outcome of this project is to detect and predict Pneumonia disease Detection using Machine Learning Algorithm.
	1729010150	Shekhar dwivedi			
	1729010170	Sushmita			

31	1729010124	Rahul agarwal	Mr. Raj Kumar	Face-Mask Detection & Alerting system	It will help to auto detect a person without a face-mask or partially wearing a face mask and also send an alert/warning message to restrict the entry of detected person.
	1729010123	Rachit kumar nimesh			
	1729010104	Narang singh			
32	1729010008	Abhishek mishra(tl)	Mr. Megh Singhal	Attendance monitoring system	To develop a prototype that will facilitate classroom control and attendance by face detection and recognition of students faces in a digital image taken by a mobile phone camera.
	1729010044	Ayush jain			
	1729010067	Hritik chaudhary			
33	1729010033	Archita maurya (tl)	Mr.Sanjeev Kumar	Criminal Alert System	This smart system are used for tracking the criminals and crimes using crime records and to report complaint for better safety of the people
	1729010031	Archana maddhesiya			
	1729010051	Ayushi singhal			
34	1729010119	Pratichee prasad(tl)	Mr. Upendra Kumar Tiwari	Online blood bank management system	This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and helps them manage in a better way. Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective.
	1729010063	Harsh tyagi			
		Pratham singhal			
	1729010118				
35	1729010151	Shivkumar kushwaha	Ms. Jaya Shukla	AASHIYANA	Aashiyana is designed to help orphanages for find homes and better living standards. It helps

	Roll No.	Name	Guide	Project Title	Description
	1729010182	Vaibhav tyagi			orphanage home centres in registration and maintenance.
	1729010188	Vipin			
36	1729010004	Aashish sharma	Ms. Priyanka Gupta	Android Vehicle Tracking system	It is designed to track vehicles using various parameters so that vehicle can be monitored.
	1729010025	Anuj kumar tomar			
	1729010037	Arpit tripathi			
37	1729010110	Nishant sharma	Ms. Jaya Shukla	Code Flick	Code Flick is one-Stop destination to prepare for technical coding interviews and improve algorithmic problem solving skills.
	1729010087	Mayank jindal			
	1729010096	Mridul agarwal			
38	1729010126	Rahul kumar pandey(tl)	Mr. Avinash Kumar Sharma	Local Bus Transit App	This smart city bus app provides an Easy Bus Mobility system within the city. It comes up with some great features where user can see the real time bus arrival, bus route no., provides real time seat availability and seat booking feature. It aims at making the journey convenient yet cheaper for the common people to travel with ease.
	1729010162	Shyamlata dubey			
	1729010165	Sourav tarafdar			
39	1729010002	Aakrit saxena	Ms. Jyoti Thakur	Fake News Detection	In this, we made the project fake news detection in which we made a website which tells that whether news is fake or not. For this, we copy the text of news and paste it in the search box and then it identify whether news is true or false.
	1729010021	Ankit agarwal			
	1729010027	Anuj shukla			

40	1729010169	Sumit kumar	Mr. Megh Singhal	Common Developer Community	A real time system for getting the answer of asked queries in real time, that facilitate the user to join the predefined groups to share their knowledge, resources and experience in their expertise domain & all discussion is monitored and managed by AI bots.
	1729010178	Upanshu sharma			
	1729010154	Shivam dwivedi			
41	1729010129	Rakesh kumar	Ms. Jaya Shukla	House price prediction	This project uses a machine learning model. Based on certain specifications of your future home (Information such as state, city, area, stores etc.), it will try to guess the most accurate price.
	1729010138	Sajal agrawal			
	1729010134	Romit soni			
42	1729010160	Shubhankar panchal	Ms. Archana Sharma	Financial Advisory System	This project is developed for people to help them out with their money management and investment advisory. With the help of various charts, fundamentals and different indicators this can help out people to invest their funds as per their suitability.
43	1729010041	Aryan jaiswal	Ms. Priyanka Gupta	Vehicle Breakdown Assistance Finder	It is designed if any vehicle get breakdown, like if fuel gets over or can be any other problem.
	1729010009	Adarsh jaiswal			
	1729010052	Bhraghu sharma			
44	1729010127	Rajat solanki(tl)	Mr. Govind kumar Rahul	Driver Fatigue monitoring and Warning System	To detect the fatigue status of driver based on analysing blinking and makes a warring to the driver to avoid accidents.
	1729010172	Tanu saraswat			
	1729010133	Riya tomar			

45	1729010045	Ayush kumar singh	Ms. Swati Singh	Fire Detection using video Analytics	Project outcomes are to take the attendance of the class with the help of image recognition and save that into the teacher database. To reduce the time taken to take attendance by the professors in the college
	1729010047	Ayush saxena			
	1729010048	Ayush singh			
46	1729010155	Shivani gahlot	Ms. Archana Sharma	Gaming Application	The main outcome of this video game named "Pacifik Warrior ", is to refresh the minds of people and to improve the interpersonal skills, focussing skills and social connections.
	1729010117	Prashant yadav			
	1729010152	Shiva goyal			
47	1729010099	Muskan agarwal(tl)	Mr. Krishna Bihari Dubey	Facial Emotion Detector and Music Player System	In this application, face of user is detected and emotion is recognized. It also asks users whether they want to play song according to their mood or for betterment.
	1729010120	Pratyush saxena			
48	1729010189	Vishesh jawla (tl)	Ms. Priyanka Gupta	Health Analysis and Management System	It is designed like there is a portal where many doctors are available and patients can register themselves and consult to doctor.
	1729010142	Sarthak			
	1729010187	Vineet nagar			
49	1729010064	Harshit garg (tl)	Mr. Raj Kumar	Brain Tumour Detection System	This will help to detect a brain tumour with the analysis of CT-Scan images through deep learning techniques
	1729010070	Jatin pal			
	1729010078	Keshav singh			
50	1729010113	Paras arya(tl)	Mr. Krishna Bihari	Social Network and	In this application, using social network, you

	1729010114	Piyush tyagi	Dubey	Geo Location	can find your friends with their live geo location but you have to on your live location also. You can join live shows etc just by using your location on the app.
51	1729010122	Rachit d. Sharma	Mr. K. B. Dubey	Tourist Guide Booking	This application provides help to booking tour.
	1729010017	Aman chauhan			
52	1729010011	Aditya shukla	Mr. Govind Kumar Rahul	AI Assistant	This is an AI framework to help users in various ways. One can modify or enable a user to add more functionalities of your own choice with various security features.
	1729010059	Gaurav pratihast			
	1729010056	Deependra singh			
53	1729010013	Akshat garg	Dr. K.K.Agrawal	eChambre	The sole purpose of this project is to create a new web-based platform, to provide people with a way to reach lawyers at a virtual level. It will provide people a client to lawyer platform, where they can interact about the case clients have and the suggestions that the lawyer have for their respective Client's case
	1729010023	Anshika jain			
	1729010035	Arpit kumar			
54	1729010049	Ayush srivastava (tl)	Dr. K.K. Agrawal	Ludo Text recognizer	The main outcome of this project is to provide a Text Recognition System, which is an android application that runs on android phones which uses android operating system that are able to recognize both hand written and types text with almost equal expertise.
	1829010901	Deepak sharma			
	1729010042	Ashish srivastava			

55	1729010095	Mohit shakya (tl)	Mr. Govind Kumar Rahul	Bus ticket booking system	To help users to find online availability of bus in his area. To buy and pay bus ticket online
	1729010109	Nirwan bhardwaj			
	1729010115	Pranshu chauhan			
56	1729010039	Arvind yadav	Dr. K.K Aggarwal	College Management System	The major objective of this project is to provide an automated college management system that will help both student and faculty members to efficiently coordinate and teach the students.
	1729010010	Aditya raj			
	1729010057	Divyansh bhardwaj			
57	1729010020	Anjali tyagi	Mr. Upendra Kumar Tiwari	Women Ride sharing App	A dynamic ride sharing system, which is a well organized and on-demand service; and can automatically match the rides when a request is made, is necessary to provide, instead of conventional service.
	1729010032	Archit jain			
	1729010012	Ajay pratap singh			
58	1729010055	Aryan gupta(tl)	Ms. Jyoti Thakur	Dabbawala and Food searching	Our app, has three different types of interface, for chef, customer, and delivery boy, respectively.
	1729010046	Ayush mishra			
	1729010102	Naman jain			
59	1729010085	Mansi teotia	Ms. Archana Sharma	People counting and Tracking System	It automates the process of movement analysis, camera supervision, and incident identification, People Detection and Tracking. The work is based on Open CV for image processing, Mobile Net and SSD (Single Shot Detector) for people localization and classification, and Dlib
	1729010055	Deepanshu chaudhary			

					based tracker for People Tracking to build lightweight deep neural networks and a streamlined model that uses depth-wise separable convolutions.
60	1729010093	Mohit	Ms. Aishwarya Gupta	E-Textiles	The major outcome of this project is to develop a Smart textile that are able to sense and response to changes in their environment.
	1729010089	Mayank shekhar			
	1729010111	Nitish kumar			
61	1729010026	Anuj pratap	Ms. Jaya Shukla	Yoga Posture Detection and Correction	In this work, using Open Pose a model has been developed which estimates if the pose performed during Yoga is correct.
	1729010015	Akshit tyagi			
62	1729010066	Hemant tiwari	Ms. Aishwarya Gupta	Weapon Detection System	The main outcome of this project is to design and develop an automated Weapon Detection System which will help in enhancing the automated security concerns of multiple places where crowd is very high and one-to-one checking is not feasible.
	1729010069	Jalaj chitkara			
	1729010072	Jatin swami			
63	1729010074	Kajal gupta	Dr. K.K.Agrawal	Music Genre Classification using ML	The main outcome of this project is to develop a machine learning model which can predict and classify different music genre and will suggest the user according to his taste of music.
	1729010081	Kuldeep singh			
	1729010082	Lokesh verma			

64	1729010098	Muhammad rizwan mujahid	Ms. Jyoti Thakur	Image compression using Huffman coding.	The objective of this problem is to reduce the redundancy of the image so that storage and transmission of data can be more convenient.
	1729010166	Sparsh goyal			
65	1729010167	Srajit raj	Ms. Priyanka Gupta	Twitter Sentiment Analysis	It is designed for filtration of comments according to words used .
	1729010135	Roshan kumar			
	1729010136	Sachin sagar			