

Sr No	Project Title	Project Objective	Field/Tool/Technology used	Project Outcome
1	Energy efficiency challenge in cloud computing	To reduce server or disk energy consumption	cloud sim/fogsim	Research Paper
2	Scalability challenge in cloud computing	To scale the amount of resources	cloud sim/fogsim	Research paper
3	Polen diseases detection using ML	To predict the plant pollen diseases using ML	Spyder, R tool	Research Paper
4	Reducing disk energy consumption using IoT	To reduce power consumed by disks present in a server	Disksim	Research Paper
5	Designing alexa system	The proposed gadget should take the instruction and perform action accordingly	Ardino, Raspberry pie	H/W product
6	Lie detection System	The proposed machine would detect a lie and will give the alert signal	Ardino, Raspberry pie	H/W product
7	Android controlled car	To create a car that can be controlled using an app running on android app	Advanced robotics	Workable Software Project
8	Arduino robot	Automatise things	Advanced robotics	Other
9	Unmanned Ground Vehicle (UGV) with SDR counter surveillance and multi frequencies intrusion system.	Objective is build surveillance vehicle suffice and small enough to disrupt malicious signals while being as close to the source as possible without being detected easily.	Advanced robotics	Patent
10	Voice controlled robotic vehicle	Our proposed project aims at a robotic vehicle operated by human speech commands. The system operates with the use of a android device which transmits voice commands to an 8051 microcontroller to achieve this functionality.	Advanced robotics	Workable Software + Hardware Project
11	Physics based game with advanced AI in unity	to build a physical game based on ai for opposite player	Artificial Intelligence	Workable SW Project
12	Movie Recommendation System using AI	TO BUILD A RECOMMENDATION ENGINE TO BUILD ITEM BASED COLLABORATIVE FILTER To provide a mechanism to assist user in classifying users with similar interests	Artificial Intelligence	Research Paper
13	Personal Assistant with python	To make a working software of personal Assistant	Artificial Intelligence	Workable Software Project
14	Desktop Virtual Assistant	The main objective of this project is to provide an easy way of performing tasks on our desktop like sending emails and other things by speech. This would act like a virtual assistant which will be performing different tasks when the user speaks.	Artificial Intelligence	Workable Software Project
15	Developing an automatic Intelligent Braking system	This project can be applied on any automatic vehicular movement. This is based on fuzzy technology system and will help students to learn the basic concept of fuzzy technology.	Artificial Intelligence	Workable Software + Hardware Project
16	driver Drowsy detection system	Reduce accident because of driver's drowsiness	Artificial Intelligence	Workable Software + Hardware Project
17	Fingerprint recognition system	The project is based on AI	Artificial Intelligence	Workable Software Project

18	Jarvis ai voice assistant	It will detect the speech and save in the database, and retrieve from the database and executive command and delete it from database. Interactions between a user and your Window assistant skills are mostly flee-form, so assistant must understand language naturally and also in context. Window assistant detemiines what a user wants to do by identifying the user intent from spoken or textua] input by utterance. The intent maps utterances to actions that Window assistant can take, such as invoking a dialog.	Artificial Intelligence	Workable Software Project
19	Privacy-preserving smart iot based device big data storage	The aim is to ensure the security of the data access control and support smart duplication to serve the storage space in big data storage system.	Big data analytics	Any Other
20	DECENTRALIZED VOTING APPLICATION USING BLOCKCHAIN	TO IMPLEMENT BLOCK CHAIN TECHNOLOGY WITH TOKEN BASED SYSTEMS	BLOCK CHAIN	Workable SW Project
21	Cryptocurrency using Blockchain	The objective is to create a local cryptocurrency which will be hosted as an API and will be worked through Postman which will host the same. I will try to add Smart Contracts using solidity.	BLOCK CHAIN	Any Other
22	Online voting system using blockchain.	Its main objective is to maintain confidentiality , integrity and availability of information.	BLOCK CHAIN	Workable Software Project
23	To design and implement a business blockchain network.	I would be designing and implementing a private enterprise blockchain network. It has many use cases, such as the mutli billion dollar supply chain management can benefit secure and immutable ledger and can exchange assets easily.	BLOCK CHAIN	Workable Software Project
24	ENCRYPTION USING AES AND VISUAL CRYPTOGRAPHY	TO ENCRYPT THE DATA USING AES AND STEGNOGRAPHY AND VISUAL CRYPTOGRAPHY	C++	Workable SW Project
25	University Campus Online Automation Using Cloud Computing	University campus online automation system, is a recruitment system that is beneficial for a college student, college placement faculty and Companies visiting the campus. This software has three login portal, for students, placement faculty and companies visiting the campus.	Cloud Computing / Fog Computing	Workable Software Project
26	Hangman Game in Python	A player writes down the first and last letters of a word and another player guesses the letters in between. In other sources, the game is called “Gallows”, “The Game of Hangin”, or “Hanger”	Data Mining	Workable Software Project
27	Online Job Portal Project In Asp.Net Free Download	The main aim of this project is to provide an online job search portal for fresher’s and experienced employees for knowing about opportunities in different companies. Users need to register with the application and obtain unique username and password for accessing available features. Users need to submit resumes through the account. All uploaded resumes are visible to other users and visitors who provide job opportunities. This application is same as that of naukri.com web site with similar features.	Data Mining	Workable Software Project

28	Opinion Data-Mining For Restaurant Reviews	This application is useful for all the people who are food lovers. This application also works as an advertisement which makes many people aware about the restaurant quality. When the user clicks on a particular restaurant, user can view the restaurant and give comment about the restaurant. This application can be used for the users who like to try different variety of foods. This application is also useful for the users who travel around the country. This system helps to find out good restaurant with tasty food. The system is also useful for those who like to comment.	Data Mining	Workable Software Project
29	Smart health disease prediction using naive bayes	It allows users to get instant guidance on their health issues through an intelligent health care system online.	Data Mining	Workable Software Project
30	Stock market analysis & prediction	Analyse various aspects of stocks & prediction	Data Mining	Workable Software Project
31	Weater prediction and climate change studies	To forecast weather, which is one of the greatest challenges in meteorological department. Weather prediction is necessary so as to inform people and prepare them in advance about the current and upcoming weather condition. This helps in reduction in loss of human life and loss of resources and minimizing the mitigation steps that are expected to be taken after a natural disaster occurs. Methods/Statistical analysis: This study makes a mention of various techniques and algorithms that are likely to be chosen for weather prediction and highlights the performance analysis of these algorithms	Data Mining	Research paper
32	Human activity recognition using smart phone	human activity recognition using deep learning from the smart phone	Deep Learning	
33	Web based chat application with webcam using php	Web chat	Genomics	Workable Software Project
34	Autonomous 4WD Vehicle with collision avoidance	<p>The purpose of the project entitled as “Autonomous 4WD Vehicle with collision avoidance” is to make a 4-wheel car using IOT components in minimum cost having the maximum number of applications or features like:</p> <ol style="list-style-type: none"> <li>1. Camera module including live streaming.</li> <li>2. Face detection.</li> <li>3. Ultrasonic sensor for obstacle avoiding ...etc.</li> </ol> <p>Such robots have a huge scope of adding more and more features and can be improved to a great extent. If connectivity over the internet is made then such robots can be used for security purposes as well.</p>	Image Processing	Workable Software + Hardware Project
35	Cartooning of real image in python	I am going to use openCV Python library to convert an RGB color image to a cartoon or a sketch image	Image Processing	Workable Software Project
36	Detection if object and it's colour	We can detect any object and it's colour	Image Processing	Workable Software Project
37	Driver sleepiness detection using python	Approach towards automobile safety and Security in an autonomous	Image Processing	Workable Software Project
38	Emotion detection using PCA and KBS.	To identifying the human emotions and facial expression.	Image Processing	Workable Software Project

39	Fingerprint recognition using machine learning skills	Create a software for recognizing fingerprint from images stored in database. •Ability to reduce the search time for selecting the pattern --Ability to highlight percentage of similarity User Login/Registration	Image Processing	Workable Software + Hardware Project
40	Image Processing for automatic number plate and driver's recognition.	To design an efficient automatic vehicle identification system by using the vehicle number plate and also to identify the driver.	Image Processing	Workable Software + Hardware Project
41	Mood by music and desktop assistant	The main goal of the project is to release the stress of the human being and is used for entertainment purpose.	Image Processing	Workable Software + Hardware Project
42	Motion tracker using opencv and python	To track user activity while he uses his/her system and identify his interests	Image Processing	Workable Software Project
43	Movie recommendation based on emotion in python	To recommend movie based on the emotion of user	Image Processing	Any Other
44	Text Recognition in Images by Python	This project is based on applications like a color decrease technique, a technique for edge recognition, as well as the localization of text areas and geometrical belongings. The text on the image contains very useful information for different types of documents.	Image Processing	Patent
45	The real time object detection	Real time object detection using open cv and python	Image Processing	Any Other
46	Vehicle details from number plate recognition	To scan a vehicle numberplate and search database to get details for the particular vehicle	Image Processing	Workable Software Project
47	Virtual keyboard for physically disabled people	The main objective of this project is to give back to the society. The project focuses on providing a virtual keyboard using image processing which help the physically challenged persons to make progress using only his eyes (moss code). This project is very useful for patients with amyotrophic lateral sclerosis , paralysis, deaf and many other disorders.	Image Processing	Workable Software Project
48	An Efficient speech control Robot car	The main objective of this project is to exploit the “IoT” potential of Raspberry Pi computer to control a Remote Car using the Voice Commands. The Raspberry Pi with a Microphone connected to it will receive the Voice Commands and will control the Remote Car by Processing the received Voice commands.	IoT/ARDUINO/Raspberry pi	Research paper
49	Arduino based Door Lock System	Detect the object at the door and after the choice of owner, the door will open.	IoT/ARDUINO/Raspberry pi	Workable Software + Hardware Project
50	Automated Light Control System(IOT)	To minimize the cost and loss of electricity.	IoT/ARDUINO/Raspberry pi	Workable SW+HW Project
51	IOT Based Electricity safe System for home	To Check electricity activity in home using IOT	IoT/ARDUINO/Raspberry pi	Patent
52	IOT enabled weather radar	Designed to collect data from various vehicles on the road, vehicles moving on the road will wirelessly communicate the weather and road condition data, inclusive of air temperature,etc.	IoT/ARDUINO/Raspberry pi	Workable Software + Hardware Project
53	Lost Item locator using iot	To get notified if the item is lost or gone out of range in the mobile.	IoT/ARDUINO/Raspberry pi	Workable Software + Hardware Project

54	Personal Virtual Assistant	It is digital assistant that uses voice recognition , NLP to provide aid to users through phones and voice recognition applications	Machine Learning/ Deep Learning /Python	Workable SW Project
55	Stock Market Prediction & Analysis	1.The objective of the proposed work is to study and improve the supervised learning algorithms to predict the stock price. 2.The system must be able to access a list of historical prices. 3.It must calculate the estimated price of stock based on the historical data. 4.It must also provide an instantaneous visualization of the market index.	Machine Learning/ Deep Learning /Python	Software project
56	Credit Card Fraud Detection Using Machine Learning(Python)	Recognize fraudulent credit card transactions so that the customers of credit card companies are not charged for items that they did not purchase.	Machine Learning/ Deep Learning /Python	Research Paper
57	Fake NEWS detection using Machine Learning	To overcome the yellow Journalism	Machine Learning/ Deep Learning /Python	Research Paper
58	Learn to build recommender system with movies dataset	Rating the movies after analysing the dataset	Machine Learning/ Deep Learning /Python	Software project
59	Movie Recommendation using content based filtering	1.Movie Recommendation based on Rating. 2.Filtering of movies based on different categories. 3.Filtering on basis of Star-cast.	Machine Learning/ Deep Learning /Python	Research paper
60	Alexa Like Google Assistant using Python	1.To analyze the dataset of google assistant 2. To design and implement the Google Assistant framework using a web application	Machine Learning/ Deep Learning /Python	Workable Software Project
61	Alexa like voice assistant	To analyse the verbal input given by user and produce the required output using web searches and mathematical calculations etc.	Machine Learning/ Deep Learning /Python	Research paper
62	Alphabet recognizer	Interact with letters in a variety of settings to better understand the letter name sound connection and to demonstrate their knowledge of letter names	Machine Learning/ Deep Learning /Python	Other
63	Chronic kidney disease Prediction	To predict Chronic kidney disease using Machine learning algorithms/models.	Machine Learning/ Deep Learning /Python	Workable Software Project
64	Colourization of Gray-scale Images using Deep learning	Producing colorful images using Deep learning of Gray-scale Images so that they look real and appears attractive	Machine Learning/ Deep Learning /Python	Research paper
65	Crop Guidance and Farmers Friend (Helping the farmers in terms of Crop suggestion, precautions based on forecast of rain fall / weather, potential pest attacks , weather warnings)	Crop Guidance and Farmers Friend • Problem Title : Helping the farmers in terms of Crop suggestion, precautions based on the met department forecast of rain fall / weather, potential pest attacks , weather warnings	Machine Learning/ Deep Learning /Python	Workable Software + Hardware Project
66	Facial Emotion Recognition and Detection in Python using Deep Learning and internet of things	In this deep learning system user's emotions using its facial expression will be detected. Real-time detection of the face and interpreting different facial expressions like happy, sad, angry, afraid, surprise, disgust, and neutral. etc.	Machine Learning/ Deep Learning /Python	Workable Software + Hardware Project
67	Fake YouTube video classifier using DL	The objective of this DL project is to build a classification model that can identify the fake (disingenuous, irrelevant) uploaded videos on YouTube.	Machine Learning/ Deep Learning /Python	Workable Software Project
68	Gestational diabetes prediction using python	we will develop a software in which we can easily predict the diabetes of a pregnant woman.	Machine Learning/ Deep Learning /Python	Workable Software Project
69	Hostel room allocation system using CNN	1. To analyze the data-set for personality prediction. 2. To design and implement the prediction framework for personality test. 3.To design a database storing the information of student's hostel allotment based on their personality.	Machine Learning/ Deep Learning /Python	Workable Software Project

70	Human actions recognition using MATLAB	Human Action recognition	Machine Learning/ Deep Learning /Python	Workable Software + Hardware Project
71	Human activity recognition using smartphone data	To detect human activity using python	Machine Learning/ Deep Learning /Python	Workable Software Project
72	Identification of gender from facial features	Gender prediction using face recognition Object detection based on eyes and facial hair Prediction of gender using ML algorithms	Machine Learning/ Deep Learning /Python	Workable Software + Hardware Project
73	Impact of the regression techniques on technical analysis to predict the future price movement	To increase the prediction capability of technical analysis on the stock market after the fusion of regression techniques	Machine Learning/ Deep Learning /Python	Research paper
74	Implementation of a classic game with input via webcam using Machine Learning	To implement a game using python's library Pygame. Use a pre trained Machine Learning model to take inputs via webcam.	Machine Learning/ Deep Learning /Python	Workable Software Project
75	Learn to build Recommender Systems with Movies Dataset	Rating the movies after analysing the dataset	Machine Learning/ Deep Learning /Python	Workable Software Project
76	Machine learning based personal assistant	To Make A computer Assistant In python. Project Carries Various Different Modules. Computer will follow the user Commands. It is like Google Assistant. It will do all that work or will follow all commands of the user. Sound Recognition Module Will Work to follow all the User Commands.	Machine Learning/ Deep Learning /Python	Workable Software Project
77	Medi-helper using Deep learning	To detect the medicine and provide information about the same and its uses.	Machine Learning/ Deep Learning /Python	Workable Software Project
78	MOOD BY MOVIE N MUSIC	The main goal of the is reduce the stress level of the human begin and it is used for entertainment purpose	Machine Learning/ Deep Learning /Python	Workable Software + Hardware Project
79	Object recognition using image analysis	Detect a target image	Machine Learning/ Deep Learning /Python	Workable Software Project
80	Real-time face detection and emotion/gender classification using CNN model and openCV.	1. To analyze the data-set for gender Detection. 2. To design and implement the prediction framework for gender Classification.	Machine Learning/ Deep Learning /Python	Research paper
81	Sales Forecasting using Machine Learning	The goal of this machine learning project is to forecast sales for each department in each outlet to help them make better data driven decisions for channel optimization and inventory planning.	Machine Learning/ Deep Learning /Python	Research paper
82	SENSOR BASED HUMAN ACTIVITY RECOGNITION	To analyze the dataset of different activities collected using different sensors. To detect and recognize human activities using ML approaches.	Machine Learning/ Deep Learning /Python	Research paper
83	Sensor based human activity recognition.	Analyze the dataset of different activities collected using different sensor.To detect the human activity using machine learning.	Machine Learning/ Deep Learning /Python	Patent
84	Sentiment analysis of movie reviews to tally the ratings given for them	The main objective of this project is to provide a sentiment analysis of movie reviews classifying them on the basis of sentiments and then to tally the ratings provided for the movie by a user, to set a filter for the reviews which do not match with the ratings given by that user.	Machine Learning/ Deep Learning /Python	Workable Software Project
85	Sentiment analysis using social media dataset	The main objective of the project is to analyse the sentiments of people and to determine the writers attitude ,whether it is positive , negative or neutral.	Machine Learning/ Deep Learning /Python	Workable Software Project
86	Skin and oral cancer prediction	Achieve best results in terms of accuracy.	Machine Learning/ Deep Learning /Python	Patent
87	Speech to text converter for blind	It will convert the speech of the blind to text and after that read the text for the person for any wrong statements	Machine Learning/ Deep Learning /Python	Workable Software Project

88	Training image classifier using tensor flow image detection API	To enhance the process the image classification using powerful tools like tensor flow	Machine Learning/ Deep Learning /Python	Workable Software Project
89	Twitter sentiment analysis for stock prediction	To predict the stock price after analyzing the sentiment of twitter data.	Machine Learning/ Deep Learning /Python	Research paper
90	Facial Emotion Recognition System using Deep Learning	To recognise facial emotions in real time	Machine Learning/ Deep Learning /Python	Workable SW Project
91	Facial Recognition using IOT	Facial Recognition from pool of faces	Machine Learning/ Deep Learning /Python	Workable SW Project
92	personal voice/virtual assistant	To design and impliment the google assistant fram work using web application	Machine Learning/ Deep Learning /Python	Research Paper
93	Speech to Speech Translator System	Speech to Text and Text to Any Language Convertor	Machine Learning/ Deep Learning /Python	Workable SW Project
94	Alexa Like Google Assistant using Python	1. To analyze the dataset of google assistant. 2. To design and implement the Google Assistant framework using a web application 3. To make an example of an advanced Assistant, which can be used in smart home, cars, and can make our own personnel assistant in our use.	Machine Learning/ Deep Learning /Python	JOURNAL PAPER
95	Text to Speech Converter	To convert text being scanned or written into speech for English Language	Machine Learning/ Deep Learning /Python	Workable SW Project
96	Real Estate price prediction	to visulaize real estate price and implementing into digital form of prediction	Machine Learning/ Deep Learning /Python	Workable SW Project
97	Face Recognition from pool of faces	To develop an efficient system for face recognition using NumPy OpenCV. To increase security and to provide authentications in a system	Machine Learning/ Deep Learning /Python	Workable SW Project
98	Authentication based on cloud computing using encryption and decryption technique	Securing cloud using encryption algorithm like SHA algorithm	Machine Learning/ Deep Learning /Python	Software project
99	virtual drum using gesture recognition	The system is to model a human drummer who has no prior knowledge of a song but still create a suitable and dynamic drum beat to complement whatever is being played	Machine Learning/ Deep Learning /Python	Workable SW Project
100	Automatic Intelligent Braking System	To autmatically brakes preventing accidents	Matlab	
101	Android application with facial recognition	To help people solve their problem of procrastination.	Mobile Application Development Android/Python/Django /AWS	Workable Software Project
102	App for converting one language to another	To obtain text from different languages into your preferred language	Mobile Application Development Android/Python/Django /AWS	Workable Software Project
103	App for general knowledge, aptitude and English for preparation of various enterance exams	To provide a platform for students for the preparation of English,aptitude and general knowledge for exams	Mobile Application Development Android/Python/Django /AWS	Workable Software Project
104	Crowdsourcing based real time crime reporting	Interactive and user friendly map application for the public to inform police about the crimes and emergency in real time	Mobile Application Development Android/Python/Django /AWS	Workable Software Project

105	Detecting Poor Telecom Connectivity (Cellular) regions using user device signal strength	Detecting Poor Telecom Connectivity (Cellular) regions using user device signal strength. An APP based solution may be developed for Detecting Poor Telecom Connectivity (Cellular) regions using user devise signal strength along with geo coordinates of the user to a central server. Government authorities can use that information to assess the poor coverage regions and take necessary steps to address the issue of poor coverage	Mobile Application Development Android/Python/Django /AWS	Workable Software Project
106	A Personal Assistant that acquires all human behaviour	Creating a personal Assistant which can talk rudely, sweetly,happily,sadly and even with more human behaviour attributes with there user. It will help the user in doing digital works like opening Google by voice command, searching videos and finding something in wikipedia but by an interesting emotion. The user can select that how he want his PA to behave and then enjoy.	Natural Language Processing	Workable Software Project
107	Recognition of Hand Movement for Paralytic Persons Based on a Neural networks	Recognition of Hand Movement for Paralytic Persons Based on a Neural	Web Development in Java/PHP/Python	Workable Software Project
108	Evaluating the Vulnerability of Network Traffic Using Joint Analysis of Security and Routing Protocol	In this project,student will compare packet transmitted on network line with current passing from a circuit mapping and check the vulnerability of the traffic using circuit mapping.  In this system,he will implement vulnerability metric as a function of the routing and implement cryptography protocol for improving the security of the system.	Networking using PacketTracer	Journal Paper
109	Facial Expression Detection Using PCA/Feature Extraction	To develop the algorithm for face recognition, feature extraction and emotion classification using Skin Color Segmentation, Knowledge-Based Approach and PCA respectively.	Image Processing using Asp.Net	Software Project
110	Plant Disease Detection Robot	Classification of Diseased Plants	Machine Learning/ Deep Learning using TensorFlow	Patent
111	Performance evaluation of Container based Approach	Comparing that how dockers and containers can improve the performance than just creating VM	Cloud Computing / Fog Computing using Google Cloud	Software Project
112	Sentiment Analysis with emotion detection	1) Project can decide what emotion a text is written. 2) Analyze the content that people share over social media. 3) Detect and respond to the positive or negative comments that people write.	Natural Language Processing using Others	Software Project
113	Automatic lyrics generation using ML/DL	To use ML/DL approaches for automatic generation of new lyrics based on given training data	Machine Learning/ Deep Learning using Keras	Journal Paper
114	Personality Prediction System Through CV Analysis	This system will help the human resource department to select right candidate for particular job profile which in turn provide expert workforce for the organization.	Artificial Intelligence using MATLAB	Software Project
115	Health Monitoring App for ill person	The main aim of developing this project is to create a health application to monitor a user's health	Mobile Application Development using Android	Software Project
116	Centralized Inventory control system for multiple stores of a Brand.	Project will handle multiple itineraries for each store of a Brand online from a centralized system.	Cloud Computing / Fog Computing using JAVA	Software Project
117	Colour and texture based image retrieval system	Proposed system demonstrates faster image retrieval technique from image database	Image Processing using MATLAB	Software Project



118	Medical image classification segmentation process for brain tumor segmentation	By matlab we determine brain tumor segmentation with help of matlab simulation tool.	Image Processing using MATLAB	Software Project
119	Food Recipes Rating System based on Emotional Analysis	We can find a number of food and cooking recipes online. Among which some recipes are correctly posted and some are not. The food may not seem same after preparation which you have prepared by reading a particular food recipe. So, in order to get appropriate food recipes, recipes must have good ratings from readers.	Data Mining using Weka	Software Project
120	Removal and Estimation of Noise from an Image	To display noise level and remove it from a selected image.	Image Processing using MATLAB	Software Project
121	Character Recognition from Image	The aim of this project is to develop such a tool which takes an Image as input and extract characters (alphabets, digits, symbols) from it. The Image can be of handwritten document or Printed document. It can be used as a form of data entry from printed records.	Machine Learning/ Deep Learning using MATLAB	Software Project
122	Online Assignment Plagiarism Checker using Data Mining	This plagiarism detector measures the similar text that matches and detects plagiarism. This web application will process the content, visit each reference link, and scan the content of that webpage to match the original content. Also, students can view the history of their previous documents. Students can also check the grammar mistakes on the content.	Data Mining using Weka	Software Project
123	Implementation of routing for maximizing the throughput in VANET	Students will understand the routing and compare the throughput by analyzing various routing.	Networking using Eclipse	Journal Paper
124	Implementation of Dynamic Routing on a campus network	Implementing the Dynamic Routing on a Campus Area Network	Networking using PacketTracer	Others
125	Real Time Drowsy Driver Detection system	The development of technologies for detecting or preventing drowsiness has been done thru several methods, some research used EEG for drowsy detection ,and some used eyeblink sensors	Image Processing using MATLAB	Journal Paper
126	Object (Mask) detection using Machine Learning	Detect the individuals not wearing mask automatically using ML approach	Machine Learning/ Deep Learning using Python	Journal Paper
127	Image retrieval using deep learning	To retrieve image from a huge database	Image Processing using MATLAB	Software Project
128	Segmentation and classification using deep learning techniques	the aim of this Project is to develop a computer-assisted screening system for cervical cancer using digital image processing of Pap smear images. The analysis of Pap smear image is important in the cervical cancer screening system. There will four basic steps in our cervical cancer screening system: cell segmentation, the features extraction,the classification stage. SIPaKMeD and Herlev datasets will be used to prove the effectiveness of our proposed system.	Machine Learning/ Deep Learning using MATLAB	Journal Paper
129	Controlling of Device through Voice Recognition Using MATLAB	This project implements a speech recognition algorithm on MATLAB which verifies speaker's voice in order to access the services like voice based dialing, computer or database access services, etc.	Image Processing using MATLAB	Journal Paper
130	Protecting user data in profile-matching social networks	To achieve protection against any kind of data breaches on social networks. To preserve user privacy on different networks.	Data Mining using Python	Journal Paper

131	Courier management system project on SQL Database	One can manage & update whole data,update Profile Manage Offices.We can also add Offices, edit/update Offices.As a whole this project can help in managing the whole courier dispatch process.	Databases using PHP	Software Project
132	Delay sensitive scheme to deal with emergency data in WBAN	The objective of the project is to tackle the problem of IEEE 802.15.4 standard for WBAN that the standard does not give any priority to emergency data.	Wireless Body Area Network using MATLAB	Journal Paper
133	Signature Verification using Matlab -Image processing project	In this project an effective method to perform Off-line signature verification using unique structural features extracted from the signature's contour.	Image Processing using MATLAB	Software Project
134	Online Book Recommendation Using Collaborative Filtering PHP	To create an application for recommendation of books using collaborative filtering method	Data Mining using Weka	Software Project
135	Plants identification using Machine learning and Big Data analytics	Rapid advances in high-throughput genomic technology have enabled biology to enter the era of 'Big Data' (large datasets). The plant science community not only needs to build its own Big-Data-compatible parallel computing and data management infrastructures, but also to seek novel analytical paradigms to extract information from the overwhelming amounts of data. Machine learning offers promising computational and analytical solutions for the integrative analysis of large, heterogeneous and unstructured datasets on the Big-Data scale, and is gradually gaining popularity in biology. This review introduces the basic concepts and procedures of machine-learning applications and envisages how machine learning could interface with Big Data technology to facilitate basic research and biotechnology in the plant sciences.	Big data analytics using Python	Patent
136	IOT Based Home Device Controller	To have automated control of all home energy appliances over the internet incorporating a simple and friendly user interface. This reduces all kind of manual work required to handle a home appliance.	IoT using Python	Software Project
137	"Automation in Sales Support and its Impact on Supply Chain Management	"Automation in Sales Support and its Impact on Supply Chain Management	Automata using C/C++	Journal Paper
138	Image Compression using hybrid discrete cosine transform technique.	It performs Compression of medical images so that large number of images can be stored in less space.	Image Processing using MATLAB	Software Project
139	EDM based analysis for managing large amount of data in educational system	Presently, educational institutions compile and store huge volumes of data, such as student enrolment and attendance records, as well as their examination results. Mining such data yields stimulating information that serves its handlers well. Rapid growth in educational data points to the fact that distilling massive amounts of data requires a more sophisticated set of algorithms. This issue led to the emergence of the field of educational data mining (EDM). Traditional data mining algorithms cannot be directly applied to educational problems, as they may have a specific objective and function. This implies that a preprocessing algorithm has to be enforced first and only then some specific data mining methods can be applied to the problems. One such preprocessing algorithm in EDM is clustering. Many studies on EDM have focused on the application of various data mining algorithms to educational attributes.	Machine Learning/ Deep Learning using Weka	Software Project
140	Warehouse design using collapsed core architecture	he project aims to design a network for a 2 storey warehouse using Cisco collapsed Core architecture. In collapsed core architecture, the Core and distribution layer is combined. The warehouse has two departments which are the logistics and management.	Networking using PacketTracer	Journal Paper

141	Using MATLAB to Measure the Diameter of an Object within an Image	Using this project, you can measure the size of an object in an image or a frame. This feature can be useful in developing computer vision applications where we do not have to take measurements manually or physically.	Image Processing using MATLAB	Journal Paper
142	Detecting Fraud Apps Using Sentiment Analysis	This can be a web application which will process the information, comments and the review of the application. So it will be easier to decide which application is fraud or not	Data Mining using MATLAB	Software Project
143	Automatic Detection Face Mask Using Image processing	This project is relevant for covid-19 situations. This project is helpful for detecting masks using their images also helpful for find out people without mask.	Image Processing using MATLAB	Journal Paper
144	IoT based Smart Waste Management System using Arduino	This project acts as a waste management guard at every dustbin. Whenever the dustbin is about to fill, it sends information to the team to collect the waste and differentiates dry and wet waste.	IoT using Arduino	Patent
145	Cloud Based Student Information Chatbot Project	Cloud based student information Chatbot system is an artificial algorithm that analyzes the student's queries and messages. This system has a built artificial intelligence to answer the query of the student. The answers are appropriate to the user's queries, if the user find his answer to be invalid, he may select the invalid answer option button which will notify the admin. Admin can view invalid through portal via login. System allows admin to delete the invalid answer or to add a specific answer of that equivalent question. To answer to the student query, the Chatbot system retrieves the answer from the database which is stored in the cloud. The Chatbot system uses a specific keyword to retrieve the answers from the database. There is no format for the student to follow while asking any question in the Chatbot. The students can put up any query related to college activities through the system. This system replies to the user with Graphical user interface which implies that as if a real person is talking to the student. The system helps the student not only to get their queries answered but also to be updated with the college activities.	Cloud Computing / Fog Computing using Cloudsim	Journal Paper
146	Online Teaching Learning App	This app would enable student to experience teaching and learning online	Mobile Application Development using Android	Software Project
147	Fake Product Review Monitoring & Removal For Genuine Ratings Php	As most of the people require review about a product before spending their money on the product. So people come across various reviews in the website but these reviews are genuine or fake is not identified by the user. In some review websites some good reviews are added by the product company people itself in order to make in order to produce false positive product reviews.	Artificial Intelligence using PHP	Software Project
148	Edge Detection Using Image processing	Image processing and computer vision methodology to detect edges of an object	Image Processing using MATLAB	Software Project
149	Dynamic Hand Gesture Recognition using neural network	This project is a combination of live motion detection and gesture identification. This application uses the webcam to detect gesture made by the user and perform basic operations accordingly.	Artificial Intelligence using C/C++	Hardware+ Software Project
150	Study of image segmentation by using the machine learning concept	analysis can be done on image using ML	Machine Learning/ Deep Learning using Keras	Software Project

151	Fake Currency Detection using Image Processing	When the portion of the note containing the distinctive form, number, emblem, etc. this system is employed to match or notice currency denomination of folding money.	Image Processing using MATLAB	Journal Paper
152	Leaf disease detection using CNN Deep learning	In this image processing project a deep learning based model is proposed, Deep neural networks is trained using public dataset containing images of healthy and diseased crop leaves.	Machine Learning/ Deep Learning using MATLAB	Software Project
153	Prediction of Heart Disease Using Machine Learning Algorithms.	Health care field has a vast amount of data, for processing those data certain techniques are used. Data mining is one of the techniques often used. Heart disease is the Leading cause of death worldwide. This System predicts the arising possibilities of Heart Disease. The outcomes of this system provide the chances of occurring heart disease in terms of percentage.	Data Mining using Python	Journal Paper
154	Agent Based Modelling and Simulation of Local Resturant Market strategies using Netlogo	Understanding Local Market dynamics using Agent Based Modelling	Others using Others	Software Project
155	Malicious user detection in Big Data collection	When talking about Big Data collections, the trustworthiness (reliability) of users is of supreme importance. In this project, we will calculate the reliability factor of users in a given Big Data collection. To achieve this, the project will divide the trustworthiness into familiarity and similarity trustworthiness. Furthermore, it will divide all the participants into small groups according to the similarity trustworthiness factor and then calculate the trustworthiness of each group separately to reduce the computational complexity. This grouping strategy allows the project to represent the trust level of a particular group as a whole	Big data analytics using Python	Software Project
156	Data Visualization of Covid-19 dataset	The objective of this project is to draw visualization graphs for different parameters related to covid-19 dataset	Natural Language Processing using Python	Journal Paper
157	Data Collection App for the Research Project	To create a mobile app to measure the quantity and quality of active learning, a model of student success using the quantity and quality of active learning.	Web Development using Java /jsp	Journal Paper
158	MNIST Handwritten Digit Classification Challenge	Handwriting recognition of different numbers	Machine Learning/ Deep Learning using Python	Software Project
159	measuring object diameter using image processing in image	To measure diameter of object in an image	Networking using MATLAB	Software Project
160	Comparative analysis of task scheduling algorithm using different parameters	To compare with different algorithm. To perform task scheduling	Cloud Computing / Fog Computing using Cloudsim	Journal Paper
161	A neuro-fuzzy agent based group decision HR system for candidate ranking	Decision based sytem for HR process and to be less time consuming	Data Mining using Python	Software Project

162	Intelligent rule-based phishing websites classification Based on URL Features	There are number of users who purchase products online and make payment through e- banking. There are e- banking websites who ask user to provide sensitive data such as username, password or credit card details etc. often for malicious reasons. This type of e-banking websites is known as phishing website. In order to detect and predict e-banking phishing website, we proposed an intelligent, flexible and effective system that is based on using classification Data mining algorithm. We implemented classification algorithm and techniques to extract the phishing data sets criteria to classify their legitimacy. The e-banking phishing website can be detected based on some important characteristics like URL and Domain Identity, and security and encryption criteria in the final phishing detection rate. Once user makes transaction through online when he makes payment through e-banking website our system will use data mining algorithm to detect whether the e-banking website is phishing website or not. As, the project files and a database file will be stored into the Azure cloud, the project will be accessed in the web browser through Azure link.	Cloud Computing / Fog Computing using Cloudsim	Journal Paper
163	Document seal recognition system	This project can identify OCR seal which is mixed with sign with accurate prediction.	Image Processing using JAVA	Journal Paper
164	Analysis and prediction of corona spread	This project would deal with the insightful understanding of the dataset while giving the risk level to get corona infected based on a questionnaire	Machine Learning/ Deep Learning using TensorFlow	Software Project
165	Data Mining Techniques In Analysis Of Student Course Of Study	Data Mining Techniques In Analysis Of Student Course Of Study	Data Mining using Python	Journal Paper
166	Farmer Information Application For Agriculture	Farmer Info App is a very important feature used to assist people Make new Research similar to Agriculture. Agriculture is backbone of our country. This system is used for common user. They also can post their research report though this website.	Mobile Application Development using Android	Software Project
167	Online AI Shopping With M-Wallet System	An Online shop that has various products needed as per user's needs. The system is built to help users in shopping and shop in their behalf. The system takes users choice and shops on their behalf. The system is proposed to be built on artificial intelligence techniques that ensure hassle free shopping experience for users.	Artificial Intelligence using Others	Software Project
168	Text extraction from images	The problem can be divided into the following subproblems: (i) detection, (ii) localization, (iii) tracking, (iv) extraction and enhancement, and (v) recognition (OCR) Text Extraction is useful in information retrieving, searching, editing, documenting, archiving or reporting of image text. However, variation of these texts due to differences in size, orientation style, and alignment, text is embedded in complex colored document images, degraded documents image, low quality image, as well as low image contrast and complex background make problem text extraction extremely difficult and challenging one.	Image Processing using MATLAB	Software Project
169	Automated car parking indicator system	The automated car parking system can be used for efficient usage of parking space.	Image Processing using MATLAB	Software Project

170	Smart Home Automation System	The IoT based home automation consist of several smart devices for different applications of lighting, security, home entertainment etc. All these devices are integrated over a common network .The IoT based Home Automation will enable the user to use a Home Automation System based on Internet of Things (IoT)	IoT using Rasberry Pi	Journal Paper
171	Identification of Human Act by Image Processing	This project is used to identify the human act by image processing in real time, and the main intention is to communicate the identified gestures using the camera system.	Image Processing using MATLAB	Software Project
172	Sentiment Analysis for depression detection	Sentiment analysis will be done to check chances of any person being battling depression and loneliness	Machine Learning/ Deep Learning using Python	Journal Paper
173	Fake News Detection Project	Fake news spreads like a wildfire and this is a big issue in this era. We can learn how to distinguish fake news from a real one. We can use supervised learning to implement a model like this.	Machine Learning/ Deep Learning using Python	Journal Paper
174	Multilingual sentiment analysis	Multilingual sentiment analysis can be difficult. It involves a lot of preprocessing and resources.	Python	Software Project
175	Hostel room allocation system using CNN based on personality prediction	to analyze data set for personality detection	Python	Software Project
176	Vein pattern based attendance system	This project will allow biometric attendance using dorsal hand vein patterns. It is contact less system therefore no need to touch the sensor/scanner for authentication.	Python	Journal Paper
177	Sign Language recognition	Sign Language Recognition in Machine learning Using Python and OpenCV. A lot of research has been done to help people who are deaf and dumb. In this sign language recognition project, you create a sign detector that detects sign language. This can be very helpful for the deaf and dumb people in communicating with others.	Python	Journal Paper
178	Automatic Human Following Trolley for blind person	provide aid to specially abled person	Python	Software+ Software Project
179	Online Assignment Plagiarism Checker	This is one of the needed AI projects of the hour. Plagiarism is a serious issue that needs to be controlled and monitored. It refers to the act of blindly copying someone else's work and presenting it as your unique work. Plagiarism is done by paraphrasing sentences, using similar keywords, changing the form of sentences, and so on. In this sense, plagiarism is like theft of intellectual property.	Keras	Software Project
180	Smart Purse	Number of notes and total amount will be counted with the help of sensors using image processing. Purse will be directly connected to numbers. Unauthorized use of any card in purse or our purse will detect the location of that unauthorised person.	Python	Software Project
181	Identifying Gender using Facial Features.	To predict Gender using facial features.	Python	Software Project
182	Disease Prediction from Symptoms	This project explores the use of machine learning algorithms to predict diseases from symptoms.	Python	Journal Paper
183	Power Load Balancing Using Fuzzy Logic	To keeps the system safe from overloading Provides load balancing to less loaded areas	MATLAB	Software Project

184	Driver Sleepiness Detection using Python	Approach towards automobile safety and security in an autonomous area	Python	Software Project
185	Early Detection of Autism by using Ultrasound	Early Detection of Autism by using Ultrasound for early recovery	MATLAB	Journal Paper
186	Cartooning of an Image	In the past few years, image cartomizer-software has been used for converting the normal image into a cartoon image. In this process, edge detection and bilateral filter are required. The bilateral filter is used to reduce the color palette of an image. Afterward, we can apply edge detection to this image for generating a dark shaped image. Therefore, finally, some tricks can apply for this image to get a cartoon image.	Asp.Net	Software Project
187	Banana Leaf disease detection	Banana leaf diseases are important factors as they result in serious reduction in quality and quantity of agriculture products. Therefore, early detection and diagnosis of these diseases are important. To this end, we propose a deep learning-based approach that automates the process of classifying banana leaves diseases. In particular, we make use of the convolutional neural network to classify image data sets. The preliminary results demonstrate the effectiveness of the proposed approach even under challenging conditions such as illumination, complex background, different resolution, size, pose, and orientation of real scene images.	Python	Software Project
188	Real time Spam detection and classification - using intrusion detection systems	Real time Spam detection and classification - using intrusion detection systems	Others	Journal Paper
189	Cartoonify Image with machine learning	Transform images into its cartoon.	pycharm	Software Project
190	Email spam detection using Python	preparing the text data, Creating word dictionary, Feature Extraction process	Python	Journal Paper
191	Analysis of cardiac anomalies using data mining	This aims to provide us the most susceptible factors leading to cardiac arrest or anomalies in a patient using data mining models	R	Journal Paper
192	Automation in Sales Support and its Impact on Supply Chain Management	Automation is the technique through which the work is performed much hassle free, faster and performed more precisely and accurately by reducing number of people required and the manpower. The challenging module in Sales support is the certain aspects representing product deal selling and closing. The research has been performed to mitigate those approaches for practices supply chain management. To decrease this tension and indifference between the customers and the market, cooperate sales phases are required supplemented by extra requirements of the interior database, market research and also marketing intelligence requirements and their impact on organizational choice making success.	C/C++	Journal Paper
193	Digital Watermarking using MATLAB	1. Efficiency 2. Image fidelity 3. Robustness	Cloudsim	Software Project
194	Smart Water Monitoring using IOT	IOT helps us improve efficiency in everything we do. In this project, we will see how IOT helps us track water usage. This feature is going to be very common in the buildings of the future. With more and more devices getting connected to the internet, the demand for skills in this area is very high. You can learn IOT only by building projects - get your hands on the sensors and actuators, set up the network and collect & analyse data sent by the sensors	Other	Software Project

195	Encryption & Decryption Using Deffie Hellman Algorithm	One objective of cryptography is to provide methods for preventing such attacks. Other objectives are discussed in Section 1.2. The fundamental and classical task of cryptography is to provide confidentiality by encryption methods. ... To decrypt, Bob needs some secret information, a secret decryption key	PacketTracer	Others
196	Investigation of feature extraction techniques using machine learning algorithms	To extract the features and segmentation according to their feature (size, shape, colour etc)	Python	Journal Paper
197	Image Retrieval system	To retrieve image from the database	Python	Software Project
198	Biomedical image segmentation	Efficient medical image segmentation	Others	Journal Paper
199	Online voting System using blockchain	a voting platform	Others	Software Project
200	Defending the network against various Web Application Attacks	To build secure network and prevent it from attackers	Arduino	Journal Paper
201	Plan Disease detection .	To find specific disease and their classification.	MATLAB	Journal Paper
202	University Campus Online Automation Using Cloud Computing	This application can help the placement officers with great ease and without any difficulty. This application can help in automating the placement related activities of the universities without any difficulty	Cloudsim	Software Project
203	Object Segmentation from colored Images using Genetic Algorithm	"a) To design Algorithm(s) for effective segmentation of image. b) Evaluating Performance of proposed Algorithm c) To Attain Greater Accuracy"	MATLAB	Journal Paper
204	Twitter Sentiment Analysis	Identified whether tweets and reviews are Positive, Negative and Neutral	MATLAB	Journal Paper
205	Currency Recognition System using Image Processing	It is difficult for people to recognize currencies from different countries. Our aim is to help people solve this problem. Turn on screen reader support	MATLAB	Software Project
206	Women safety application	to generate an alert in case of emergency	Android	Software Project
207	Battery Optimizer for Android Mobile Devices	Battery Optimizer for Android Mobile Devices	Android	Software Project
208	Data Analysis in Wireless IoT Networks through Cloud Processing	Data Analysis in Wireless IoT Networks through Cloud Processing	Cloudsim	Software Project
209	Flower identification using image processing	Classify the type of the flower on the basis of different flower shape and color	TensorFlow	Software Project
210	Equipment Controller Using MATLAB-Based GUI	Use with single server queuing system	PacketTracer	Journal Paper
211	Securing Home Network with IBM QRadar CE	Securing home	Python	Journal Paper
212	Removal and Estimation of Noise from an Image	To display noise level in a selected image, To remove the noise from a selected image	MATLAB	Software Project
213	Analysis of ICT learning effectiveness in rural areas	Aims to analyze the importance and benefits of ICT learning in extreme rural areas with the help of big data analytics tools	Python	Journal Paper
214	Weather monitoring system using IOT	Weather monitoring system using IOT	Journal Paper	Raspberry Pi
215	Detection of Potato diseases using image segmentation	Detection of Potato diseases using image segmentation	Journal Paper	Python
216	Cloud computing security using pixel key pattern	To ensure about privacy, security of information while transmitting	Software Project	MATLAB



217	Automated Street Lighting project using IOT	IOT is improving the way we consume energy smartly. In this course, you will understand one such example and build an IOT based Street Light that automatically switches on and off based on sunlight. You can learn IOT only by building projects - get your hands on the sensors and actuators, set up the network and collect & analyse data sent by the sensors. This project provides you that experience.	Software Project	Others
218	Optimization of Object-Based Image Analysis with Super-Pixel for Land Cover Mapping	Super-pixel based image segmentation.	Journal Paper	Java using eclipse
219	Detection of Cancer in Human Blood Sample based on Microscopic Images	The system should be efficient, reliable, less processing time, smaller error, high accuracy, cheaper cost and must be robust towards varieties that exist in individual, sample collection protocols, time and etc.	Software Project	MATLAB
220	Dynamic fault tolerance job allocation mechanism to conserve resources in vehicular cloud	The vehicular cloud used for fault tolerance provides new methodology for improving performance of cloud. Virtual machines are mobile in this case. The load allocation considers the cost associated with the virtual machine. This cost varies as the virtual machines shows deviation in terms of load. The virtual machine is discarded from cost matrix having higher load. This can cause steep hike in cost but congestion decreases. Thus parametric comparison shows improvement and cloudlets are executed with greater rates as compared to existing system.	Journal Paper	C/C++
221	Social Media Sentiment Analysis using Twitter Dataset	Social media platforms like Twitter, Facebook, YouTube, Reddit generate huge amounts of big data that can be mined in various ways to understand trends, public sentiments and opinions. Social media data today has become relevant for branding, marketing, and business as a whole. A sentiment analyser learns about various sentiments behind a "content piece" (could be IM, email, tweet or any other social media post) through machine learning and predicts the same using AI.	Software Project	Keras
222	Configure Blackhole node in WSN	Students will be able to configure Blackhole Node	Others	NS2/NS3
223	Medical Image Forgery Detection for Smart Healthcare	1) Medical Image Forgery Detection for Smart Healthcare	Software Project	MATLAB
224	Development of medical images detection techniques using kaggle dataset	To detect the diseases using kaggle cervix dataset for medical image analysis's	Journal Paper	Python
225	Object Segmentation from colored Images using Particle swarm optimization (PSO) algorithm	"a) To design Algorithm(s) for for effective segmentation of image. b)Evaluating Performance of proposed Algorithm c) To Attain Greater Accuracy"	Software Project	MATLAB
226	Recognition of Hand Movement for Paralytic Persons Based on a Neural Network	Recognition of Hand Movement for Paralytic Persons Based on a Neural Network	Software Project	MATLAB
227	Smart Traffic Management based on Cloud	Smart Traffic Management based on Cloud	Software Project	Cloudsim
228	Edge detection of given image using wavelet	Edge detection of given image	Software Project	PacketTracer
229	Food allergy prediction using machine learning	To detect different allergies like wheat allergy	Software Project	Arduino
230	Intelligent rule-based phishing website classification based on URL Features	This project helps to detect and identify the e-banking phishing website through an intelligent, flexible, and effective system. The system is based on a data mining algorithm to extract phishing data.	Software Project	Cloudsim

231	Implementing various edge detection algorithms such as Prewitt's, Sobel and Canny and comparing these.	"a) To design Algorithm(s) for for effective object detection of image. b)Evaluating Performance of proposed Algorithm c) To Attain Greater Accuracy"	Software Project	MATLAB
232	Cloud based shipping management system	To reduce operational cost of shipping	Software Project	Google Cloud
233	Eye Disease Analysis Using FFA Images	Eye Disease Analysis Using FFA Images	Journal Paper	MATLAB
234	Fake News Detection Project using supervised learning	Fake news spreads like a wildfire and this is a big issue in this era. We can learn how	Machine Learning/ Deep	Software Project
235	Fraud Detection using Machine Learning	As Credit card processing fraud has hit \$32.320 trillion in total. So the objective of th	Machine Learning/ Deep	Journal Paper
236	computational Intelligence of Plant Identification	Plant systematics can be classified and recognized based on their reproductive system	Machine Learning/ Deep	Journal Paper
237	Prediction System for product Rating	To provide real rating of any product or service used by all open social media platfor	Machine Learning/ Deep	Journal Paper
238	Privacy Preservation in the Body Area Network	This project aims to preserve user privacy data in Wireless Body Area Network	Wireless Body Area Netw	Journal Paper
239	Energy harvesting schemes in WBAN	The object of the project is to maintain battery energy of the sensor nodes to increase	Wireless Body Area Netw	Journal Paper
240	Simulate Cluster Based Routing Protocol for WBAN	To simulate the cluster based routing protocol for WBAN using MATLAB	Wireless Body Area Netw	Journal Paper
241	classification of brain cancer tumor using ML/DL.	brain cancer tumor is segmented out from complete image and then classified into ma	Machine Learning/ Deep	Software Project
242	Designing alexa system using AI	The proposed gadget should take the instruction and erform action saccordingly	Aurdino, Raspeberry pie	H/W product
243	Inviolable Switching of E-health Information using RSA-4096	It presents the planning and implementation of E-health records and to produce security to them whereas they're hold on at third party service suppliers like cloud	Cloud Computing / Fog C	Software Project
244	Flexible and efficient scheme for optimum bandwidth utilization	The obective of the project is to deal the constraints of the standard IEEE 802.15.4 that can be categorized as power consumption inefficiency, underutilization of bandwidth, elevated latency, high rate of packet loss, unfair distribution of GTS in the CFP.	Wireless Body Area Netw	Journal Paper
245	Product market analysis and prediction	This is a basically a part of the ecommerce system in which the products will be searched and then the corresponding offers and sales will be offered and prediction of stocks and market will be made from the data.	Data Mining	Workable Software P
246	Prevention of Network from Congestion Collapse	Algorithm looks forward to identify and detect and control unresponsive flow of traffic, just at the border of the network to make network more secure against attacks	Information Security and	Journal Paper
247	Implementation of routing for maximizing the throughput in V	Students will understand the routing and compare the throughput by analyzing various routing.	Networking using Eclipse	Journal Paper
248	Implementation of Genetic algorithms with k means	Amended GA with kmeans to enhance its efficiency	Databases using Others	Journal Paper
249	Spam detection mechanism using MI	To analyze whether the email is a spam mail or non spam	Machine Learning/ Deep	Journal Paper
250	Real time face emotions recognition using matlab	This project recognition the emotion in real time camera.the code will be implemented in matlab	Biometric technology usi	Software Project
251	Online Document classification	This project will help to saggrigate the various content of different computer science subjects	Information Security and	Journal Paper
252	A Leaf Recognition of Vegetables Using Matlab	Recognizing plants is a vital problem especially for biologists, agricultural researchers, and environmentalists. Plant recognition can be performed by human experts manually but it is a time consuming and low-efficiency process. Automation of plant recognition is an important process for the fields working with plants.	Image Processing using N	Software Project
253	Resolving the Security issue of cloud storage	This project will find and fix the issues related to the security of cloud storage	Natural Language Proces	Journal Paper
254	Hybridization of Network Topologies	All the topologies will be implemented under a single network	Networking using Packet	Others
255	Breast cancer detection using neural networks	This project explain breast cancer detection using neural networks.MIAS database will be used for testing the performance of the system	Others using MATLAB	Software Project

256	network forensics using honeypots	To collect evidence of cyber crime which is admisible in court of law	Others using Others	Journal Paper
257	Spatial data enrichment: Join two geolocation datasets by using	To build an efficient script that finds the closest airport to a given user based on their	Machine Learning/ Deep Learning using Python	
258	Lung nodule detection in X ray images using CNN	In this Deep learning project a novel method for detecting lung nodule using deep learning	Image Processing using MATLAB	
259	Drug Addicts Counseling System Android App and ML Model	Many young people are suffering drugs addiction, also, most of them cannot afford proper treatment	Android, ML and CloudDB/NoSQL	
260	Fake News Detection Project through Artificial Intelligence	Fake news spreads like a wildfire and this is a big issue in this era. We can learn how to detect it	AI, Machine Learning/ Deep Learning	Journal Paper
261	Dehazing images Enhancement	improving the visibility of the images using dehazing techniques	Image Processing using MATLAB	Software Project
262	IDS IPS reinforcement for improved security	Improving intrusion detection/prevention systems using machine learning techniques	Network Security using Java using eclipse	
263	Rethinking Vehicular Communications: Merging VANET with Cloud Computing	In this project you can put forth the taxonomy of VANET based cloud computing. For better security and efficiency	Cloud Computing / Fog Computing using Java	
264	Model based Image Compression of Medical Images	The project is about providing fast transfer of medical images to/from rural areas where internet is not available	Image Processing using MATLAB	
265	Stone Inscription symbol recognition	Stone Inscription symbol recognition for Archeological Analysis and Log record study	Image Processing using Machine Learning/ Deep Learning	
266	Housing Prices Prediction using Trained Model	The expense of the house varies according to various factors like crime rate, number of bedrooms, etc.	Machine Learning/ Deep Learning using Python	
267	Online Grocery Recommendation using Collaborative Filtering	Collaborative filtering is a great technique to filter out the items that a user might like	Machine Learning/ Deep Learning using R	
268	Data Mining Techniques In Analysis Of Student Course Of Study	Data Mining Techniques In Analysis Of Student Course Of Study will analyse student's performance	Data Mining using Python	
269	Plant Species Identification Using Computer Vision Techniques	Species knowledge is essential for protecting biodiversity. The identification of plant species is a challenging task	Others using Python	
270	Opinion Mining For Hotel Rating Through Reviews	This system will be useful for those people who visit new places quite often. This model helps them to decide whether to visit or not	Artificial Intelligence using Java using eclipse	
271	A natural language system for question and answer	• Building system that automatically answer questions posed by humans in a natural language	Natural Language Processing using RDF	
272	Hand Gesture Recognition Using PCA	This project proposes a hand gesture recognition system based on skin color model and PCA	Image Processing using MATLAB	
273	Vulnerability detection in WPA2	To perform various attacks in wireless network using WPA2 and to exploit the hole in WPA2	Network Security using NS2/NS3	
274	E-Student record implementation through Block Chain	Record management of any student through Block chain and its implementation to cloud	Blockchain using Python	
275	Performance Evaluation in Virtual Organizations Using Data Mining	This system will monitor the work of the employees through online. This D3M approach helps in performance evaluation	Data Mining using Weka	
276	Customer Segmentation using Machine Learning	Customer segmentation is a technique in which we divide the customers based on the characteristics	Machine Learning/ Deep Learning using R	
277	A Multi-Tenancy FPGA Cloud Infrastructure and Runtime System	1. Overall System Optimisation 2. FPGA enhances CPU Performance 3. Access Time and Computation time becomes low	FPGA, Hardware Based Cloud	Journal Paper + Workshop
278	Brain Tumor Prediction System Using Classification Techniques	1. Classifying Data Sets 2. Analysing Data Set 3. Finding Disease as per built knowledge base	ML Algorithms	Journal Paper + Workshop
279	Heart Disease Prediction System	1. Classifying Data Sets 2. Analysing Data Set 3. Finding Heart Disease and its criticality as per built knowledge base	ML Algorithms	Journal Paper + Workshop
280	Feature Extraction and Classification-Sentiment Analysis	1. Data Set Classification 2. Data Analysis 3. Feature Extraction	ML Algorithms	Journal Paper + Workshop
281	Guaranteeing Reliability for IoT Edge Computing Systems	1. Cloud and Edge Deployment 2. Deeper Understanding of IC	Hardware Based	Journal Paper
282	Cloud Computing Security with IMA Policy	1. Cloud Deployment 2. Data Security Algorithm on Cloud; Information Security 3. IMA Policy	Algorithms, Cloud Platform	Journal Paper
283	Blockchain-based Local Energy Markets	1. Cryptography Implementation 2. Data Security	Algorithms	Workable Project
284	Scheduling, Resource Management and Decision Making for Cloud	Allocation of file, memory and process etc. Resources on cloud	Cloud Computing	Journal Paper
285	Smart Security for Smart Services in an IoT Context	1. Smart Device implementation in IoT	Hardware Based	Journal Paper
286	Student Performance Prediction System Using Linear Regression	1. Data Set Classification 2. Data Analysis 3. Student Performance Prediction	ML Algorithms	Journal Paper + Workshop
287	Deep Learning for Temporal Information Processing	image sequence analysis	ML Algorithms	Journal Paper

288	Security and privacy in p2p electricity trading	The aim of this project is to apply (a combination of) various (computationally-demanding) advanced cryptographic technologies, such as blockchain, smart contracts and secure multiparty computation, to design p2p electricity trading solutions that achieve a good balance between security, user privacy, usability and energy efficiency.	Cryptography Algo	Journal Paper + Wor
289	Verifying Cyber Attacks on System with loopholes in STRIDE	Preventing STRIDE Attacks	Information Security Alg	Journal Paper + Wor
290	Mathematical Semaphore models for concurrent systems	Enhancing Concurrency and System performance with Semaphores Implementation	OS Algorithms	Journal Paper + Wor
291	Finding a way through the Fog from the Edge to the Cloud	Enhancing NEtwork usage and performance	Cloud Computing	Journal Paper
292	Text Mining Approach Based on TF-IDF and Support Vector	Data Mining with SVM	ML Algorithms	Journal Paper + Wor
293	Android battery saver system	Hardware Optimisation	Hardware Based	Workable Project
294	Mobile wallet with merchant payment	Cryptography and Data Security with Hashing	Cryptography Algo	Workable Project
295	Accident Detection & Alert Android App	Accident detection with Accident Prone Areas and ML Algorithms	App	Workable Project
296	Three Level Image Password Authentication with Biometric S	System Authentication with Biometric Sensors	Image Processing	Workable Project
297	Sign Language To Text Recognition System	It uses Sign Language to convert it into Text using android app.	NLP + Image Processing	Research Paper+Wor
298	Deep Surveillance using AI and machine Learning	The Deep Surveillance using A.I cam is a project that can identify the suspicious acti	Information Security Alg	Research Paper+Wor
299	Object classification Recognition	Image recognition using machine learning	Image Processing	Research Paper+Wor
300	Encryption and Decryption using Android	This project involves encryption and decryption of data using DES encryption algo	Information Security Alg	Research Paper+Wor
301	Automated Evaluation of Employee performance using AIML	This project involves the creation of an evaluation system that can analyze the acade	ML Algorithms	Research Paper+Wor
302	Detecting Covid-19 from Chest X-rays using PyTorch	Helps in Detection of of Covid - 19 using lungs XRAYs and Differentiating it from r	Image Processing	Research Paper+Wor
303	Crime rate prediction using Data mining	This computer Science project involves building a prediction system that can analyze	Dataming and IR Algorit	Research Paper+Wor
304	OpenCV Face Detection using AI	This computer science project aims to detect an object of interest, such as a human fa	ML Algorithms	Research Paper+Wor
305	Face Recognition Attendance Marking System	The main aim of the project is to develop an attendance marking system using his face recognition by using python, machine learning and neural network.	Image Processing	Research Paper+Wor
306	Intelligent Video Surveillance with Deep Learning	In this deep learning project, we train an autoencoder for abnormal event detection. We train the autoencoder on normal videos. We identify the abnormal events based on the euclidean distance of the custom video feed and the frames predicted by the autoencoder.	ML Algorithms	Research Paper+Wor
307	Farming Stock Trading Android Application	Farmer Trader Application is an android application developed for farmers/seller's at	SQL Server 2008, Java a	Research Paper+Wor
308	Face Emotion Recognition and Creating Reaction emoji	It detects emotion of a person through his face and creates an emoji according to that emotion	Image Processing	Research Paper+Wor
309	Handwriting Analysis using Machine learning	It Predicts the personality of an individual usng his handwriting	NLP + Image Processing	Research Paper+Wor
310	Breast Cancer Detection using ML	it is a prediction model for prediction of cancer teumor in body	Image Processing	Research Paper+Wor
311	Jarvis Artificial Intelligence voice assistant.	Automated Artificial Intelligence voice assistant for specially abled person with gesture and voice recognising approach	ML Algorithms	Research Paper+Wor
312	Vehicle Number plate Recognition Using Image Processing	Vehicle Number plate Recognition Using Image Processing, where the model will track the number using image sensor with precision , which is a major concern in conventional system used by indian traffic police department	Image Processing	Research Paper+Wor

313	Sports Predictor Using Machine Learning Algorithms	To decide the prediction of sports game based on datamining and pattern recognition approach	ML Algorithms	Research Paper+Wor
314	Movie Recommendation System using Machine Learning.	To do Movie Recommendations using the analysis done by feedback and movie rating like imdb and etc.	ML Algorithms	Research Paper+Wor
315	Texture classification by using median ternary pattern	To enhance the texture data and to improve the classification accuracy	Matlab	Improvement in accu
316	Radar system for flight management	Help pilot to detect congestions and take Intelligent decisions	R tool / Python	Research Paper
317	Drone making for photographs capturing	Automatic taking photos from each and every angle	Aurdino, Raspeberry pie	H/W
318	Disaster prediction(Earthquake, flood, volcano)	To predict the disasster in a city usig ML approaches	Spyder, R tool	Research Paper
319	Water scarcity prediction using ML	To predict the water scarcity in desert area using ML	Spyder, R tool	Research Paper
320	Reducing disk energy consumption uisng IoT	To reduce power consumed by disks present in a server	Disksim	Research Paper
321	Smart home system uisng IOT	Automatic switing on and off the fans, Acs, car Garage	Aurdino, Raspeberry pie	H/W product
322	Smart watch uisng IOT and Machine learning for daily schedu	The proposed watch would display the daily schedule of the owner in the morning	Aurdino, Raspeberry pie	H/W product
323	Smart garage system uisng IOT	The garage gate would open automatically as soon as car approached towards it	Aurdino, Raspeberry pie	H/W product
324	Smart Mirror to display the daily schedule	The proposed watch would display the daily schedule of the owner in the morning	Aurdino, Raspeberry pie	H/W product
325	Android task monitoring Using IoT	To create a car that can be controlled using an app running on android app	Advanced robotics	H/W product
326	Web Based Application for Automatic Time able generation	The Proposed Web Based Application can be used for automatic Time table generation		Workable SW Projec
327	Design and Imementation of Weather forecasting Using ML	To Proposed Project can be used to forecast weather using Machine Learning Algorit	Machine Learning/ Deep	Workable SW Projec
328	Security Enchancement using FingerPrint Based ATM System	To proposed application is used in ATM to enhance the security of the system	Machine Learning/ Deep	Workable SW Projec
329	Generate Docx File System in SAP(ABAP)	To buildup and design Docx file system usin SAP Application Software	Machine Learning/ Deep	Workable SW Projec
330	Android local train ticketing application using IoT	to Build an application for ticket reservation system using Internet Of Things	Machine Learning/ Deep	Workable SW Projec
331	Emotion Based Music System using ML Algorithms	In this proposed system the facial expression extracted will generate a playlist automatically thereby reducing the effort and time involved in rendering the process manually	Machine Learning/ Deep	Workable SW Projec
332	Distorted Fingerprint Verifaction System using ML	The proposed system operates in three stages: alignment based fingerprint matching,	Machine Learning/ Deep	Workable SW Projec
333	Interim project led ERP Rollout using SAP	Overall System Optimisation using SAP to implement ERP	Machine Learning/ Deep	Workable SW Projec
334	Traffic Monitoring System Using Supervised MACHine Learni	To Proposed Application Will Control the Traffic Problem Using ML algorithm	ML algorithms	Workable SW Projec
335	Electronic Vote Counting System using Deep Learning	To Build an application for ticket reservation system using Internet Of Things	Machine Learning/ Deep	Workable SW Projec
336	Traffic Control System Using MACHINE Learning Algorithms	The Proposed Application can be used to control the traffic Problem	IoT/ARDUINO/Raspber	Research Paper
337	Design and Implementation of Examination Grading System fr	This project is sought to encourage the use of customized computer packages and software applications which will improve accuracy in students' results grading and academic performances.	IoT/ARDUINO/Raspber	Workable SW Projec
338	Fruad Detection of Creadit Card System using ML Based Algo	The Proposed System can be used to detect fraud detections of Credit Cards Systems.	IoT/ARDUINO/Raspber	Workable SW Projec
339	A Java Based Network Intrusion Detection System(IDS)	In this project, we designed and built an Intrusion Detection System (IDS) that implements pre-defined algorithms for identifying the attacks over a network.	IoT/ARDUINO/Raspber	Workable SW Projec
340	Revenue Recovery System Using ML Algorithms	Thie Proposed project benefits to the departments with greater transparency, conveni	IoT/ARDUINO/Raspber	Workable SW Projec
341	Cloud Computing Based Rural Banking System	The Proposed Application is used to maintain banking system using cloud computing concept	IoT/ARDUINO/Raspber	Workable SW Projec
342	Biomedical Data Mining for WebPage Relelance Checking us	The Proposed system proves useful in many biomedical sectors and even search engi	IoT/ARDUINO/Raspberry pi	
343	UAV features with Human detection	The main objective of this project is to make an security system that can detect huma	IoT/ARDUINO/Raspber	Research Paper
344	Predictrion of earthquakes using seismic signals	To forecast for earth quakes	Machine Learning/ Deep	Workable SW+HW I
345	Real time face detection and Emotion detection	to buid a system which detects realtime face and emotion classification	Machine Learning/ Deep	Workable SW Projec
346	Weather prediction with voice assistant	predicting weather with voice interactive s/w	Machine Learning/ Deep	Workable SW Projec



347	Identification of singer using deep learning	identify the singer by voice using deep learning	Machine Learning/ Deep	Workable SW Projec
348	Object Detection Using tensorflow	To detect various objects	Machine Learning/ Deep	Workable SW Projec
349	Hostel allocation system based on personality prediction	to build a system that predicts the personality of a student and allocates hostel to them	Machine Learning/ Deep	Research Paper
350	Lung Cancer Detection By Deep Learning	To help doctors to analyze CT scan images more efficiently	Machine Learning/ Deep	Workable SW Projec
351	Pokemon  Classification using Various Model	To classify 3 different species of Pokemon with help of Shaloo Learning and Deep	Machine Learning/ Deep	Workable SW Projec
352	PREDICTION OF HEART DISEASE	TO PREDICT HEART DISEASE USING ML ALGORITHM	Machine Learning/ Deep	Workable SW Projec
353	Movie Recommendation using content based filtering	1.Movie Recommendation based on Rating. 2.Filtering of movies based on different	Machine Learning/ Deep	Research paper
354	Recommendation System for News	A Recommendation system designed for recommending relevant News. The News w	Machine Learning/ Deep	Research paper
355	CERVICAL CANCER PREDICTOR	To predict cervical cancer by analysing the dataset	Machine Learning/ Deep	Other
356	Texture classification by using Local phase quantization	To enhance the texture data and to improve the classification accuracy	Matlab	Improvement in accu
357	Movie recommendation based on emotion in python	To recommend movie based on the emotion of user using content based and collaborative filtering	AIML	Research paper
358	Extract text from image using pytesseract, PIL, openCV.	Given to us an image, we need to extract text from it using pytesseract, PIL, openCV libraries of python.	Computer Vision	Research paper
359	Drowsiness monitoring Using OpenCV in Python	To ensure traffic safety and drivers self cautiousness, detection and alert for drowsiness usinf opencv	Computer Vision	Research paper
360	Conversion full Image to Pencil Sketch	To convert full image into pensil sketch using edge detection algorithms	Computer Vision	Research paper
361	Toxic comments classification using Deep Neural Nets	To classify the toxic comments from the data using NLP and Deep Learning	NLP and Deep Learning	Research paper
362	Quora question pair similarity using Deep Learning Approach	Identification of the similar questions using NLP and Deep Learning	NLP and Deep Learning	Research paper
363	Fire Detection Method in Smart City Environments Using a D	To detect fire and alarm the security	Computer Vision and De	Research paper
364	Price Negotiator Ecommerce Chatbot System	Price Negotiator application using AIML	AIML	Research paper
365	Personality Prediction System via CV Analysis	To predict the Personality from CV Analysis	NLP and Deep Learning	Research paper
366	Image reconstruction by using an occluded scene	Image Restoration for occluded part of the image	Computer Vision and Deep Learning	Research paper
367	Next Word Prediction using NLP and Deep Learning	PRediction of the next word using NLP and Deep Learning	NLP and Deep Learning	Research paper
368	Automated Attendance System using face recognition	face recognition to mark attendance automatically	Computer Vision and Deep Learning	Research paper
369	Image Colorization for binary images Deep Learning	coloring of bianry images using Computer Vison techniques	Computer Vision and Deep Learning	Research paper
370	Human Pose estimation using Computer Vision and Deep Lea	Estimate the Human pose using Computer Vison techniques	Computer Vision and Deep Learning	Research paper
371	Prediction of Age & Gender using Deep Convolution NNs	Predict the age and gender from image	Computer Vision and Deep Learning	Research paper
372	Facial Emotion Detection using Neural Networks	Detection of emaoition from the image	Computer Vision and Deep Learning	Research paper
373	Detection of Social Distancing with AI Vision	Detection of distance between the object using images	Computer Vision and Deep Learning	Research paper
374	Cursor movement on object motion	This is a project where you will design a cursor that can move through desktop and perform actions based on hand gestures.	Computer Vision	Workable SW Projec
375	Optical Character Recognition (OCR) System	The optical character recognition (OCR) system should be able to process images and identify characters. Also, the system needs to give users the flexibility to search and manipulate the data.	Python, Image Processing	Workable SW Projec

376	Diabetic Retinopathy Detection From Retinal Images	Diabetic retinopathy causes blindness. Diabetic retinopathy is one of the eye disease which is caused due to retinal blood vessel extraction. Diabetic retinopathy affects blood vessels in the light-sensitive tissue called the retina that lines the back of the eye. It is the most common cause of vision loss among people with diabetes and the leading cause of vision impairment and blindness among working-age adults. Here we proposed a system where we extract retinal blood vessels for detecting eye diseases. Manually extracting the retinal blood vessels is a long task there are many automated methods are available which makes work easier. Propose an algorithm to extract blood vessels from images. We used filtering methods to remove noise and environmental interference from image.	Image Processing, Machine learning, Deep learning	Research Paper
377	Natural Language Processing with Disaster Tweets	Twitter has become an important communication channel in times of emergency. The ubiquitousness of smartphones enables people to announce an emergency they're observing in real-time. Because of this, more agencies are interested in programatically monitoring Twitter (i.e. disaster relief organizations and news agencies). But, it's not always clear whether a person's words are actually announcing a disaster. Take this example: "Last night sky was ablaze", here the word ablaze is used metaphorically to signify the bright yellow light during sunset. Build a machine learning model that predicts which Tweets are about real disasters and which one's aren't.	NLP, Machine learning/Deep Learning	Workable Software
378	Voice based Email for Blind	The application will be for visually impaired persons using IVR- Interactive voice response, thus enabling everyone to control their mail accounts using their voice only and to be able to read, send, and perform all the other useful tasks. The system will prompt the user with voice commands to perform certain action and the user will respond to the same. The main benefit of this system is that the use of keyboard is completely eliminated, the user will have to respond through voice and mouse click only.	Python	Workable Software
379	Automated Timetable generator	The objective is to create a web based application that can generate timetable under the given constraints for any number of classes and teachers. Also it should have the feature to generate timetable in PDF, excel format.	Python, Django or Java	Workable Software
380	Movie recommendation system using machine learning	TO BUILD A RECOMMENDATION ENGINE TO BUILD ITEM BASED COLLABORATIVE FILTER To provide a mechanism to assist user in classifying users with simila interesets	Artificial Intelligence	Research Paper
381	SENTIMENT ANALYSIS OF TWITTER	To do sentiment analysis on twitter data set	Artificial Intelligence	Research Paper
382	Design and implementation of a display oriented text editor	To scan the written data and copy	Artificial Intelligence	Patent
383	OBJECT RECOGNITION IN IMAGE PROCESSING	To identify various objects	Artificial Intelligence	Workable Software Project
384	Determinants of social media website attractiveness	Persons will be able to connect to like minded people	ASP. net	Workable SW Project
385	HIGH ACCURACY OPTICAL TEXT RECOGNITION	Recognition of character using python	Artificial Intelligence	Workable Software Project

386	VIRTUAL ASSISTANT:A generator of natural language sem	The main objective of this project is to provide an easy way of performing tasks on our desktop like sending emails and other things by speech. This would act like a virtual assistant which will be performing different tasks when the user speaks.	Artificial Intelligence	Workable Software Project
387	A fast minutiae-based fingerprint recognition system	The project is based on AI	Artificial Intelligence	Workable Software Project
388	Medico: Medical Health Care using IOT	To diagnose various health issues	Artificial Intelligence	Any Other
389	A personal assistant agent for calendar management	Respond to the commands given by the user to execute a particular task whether its verbal or written command	Artificial Intelligence	Workable Software Project
390	Physics based game with advanced a.i using Unity	To develop a physics based game in unity with intelligent opposite a.i player using Unity	Artificial Intelligence	Workable Software Project
391	Python GUI based restaurant based management system.	Python GUI based restaurant based management system.	Artificial Intelligence	Workable Software Project
392	Short term price prediction to stock market	To predict upcoming day high, low open and closing prices to have clear view of forecasted market movements with less error	Artificial Intelligence	Workable Software Project
393	Stock Price Prediction using machine learning or deep learning	Predict the future price of the stock	Python	Research paper
394	Bitcoin Price Predictor using deep learning	Predict future price of bitcoin	Python	Research paper
395	Robust dialogue processed language translation system	To design algorithms to automatically convert one natural language into another, preserving the meaning of the input text, and producing fluent text in the output language.	Natural Language Proces	Research paper
396	Named Entity Recognition for Punjabi Text	The objective is to identify person names from the given text and tag them with IOB tagging scheme.	Natural Language Proces	Workable SW Project
397	Colour and texture based Image retrieval system	Proposed system demonstrates faster image retrieval technique from image database	Image Processing using M	Research paper
398	Content Retrieval Using Image Processing	Content Retrieval Using Image Processing	Image Processing using C	Software Project
399	Identity management Application and security challenges	This project will discuss about the relationship between patients and hospital staff and EHR mode	Networking using NS2/N	Research paper
400	Energy efficiency at network layer in wireless sensor networks	We have to save available energy of sensor node at maximum level in order to enhance the lifetime of the network	Networking using NS2/N	Research paper
401	Big Data Driven Agriculture: Big Data Analytics in Plant iden	Recent gains in sensor technology, remote sensing, robotics and autonomy, big data analytics, and genomics are being adopted by agricultural scientists for high-throughput phenotyping, precision agriculture, and crop-scouting platforms.	Big data analytics using N	Research paper
402	Data Security on a network using Elliptical Curve Cryptograph	Implementatn of ECC to safeguard the networ traffic	Information Security and	Research paper
403	Designing IoT Face Recognition AI Robot	This robot recognize a person's face, can recognize that person's voice and thus receive various commands for welcoming guests or for security purposes. One can also preview live streaming with a camera through face recognition.	IoT using Arduino	Hardware+ Software
404	Analysis of Real Time Systems Using Timed Automation	The mixed discrete-continuous behavior of automation modeling hybrid systems has its continuous-time dynamics is shown using differential equations for the state and time-discrete dynamics explaining the control decisions. Based upon these dynamical system models, we like-wise link the finite automation concept to describe the nature of hybrid systems using Hybrid Automation. Finally, we discuss the application of this theory to automatic verification of real-time requirements of finite-state systems.	Python	Research paper
405	Early Detection of Autism by using Ultrasound	Early Detection of Autism by using Ultrasound for early recovery	MATLAB	Research paper



406	Intelligent ware house management using machine learning	Efficient management of warehouse using machine learning techniques	AI/ML/DL	Research paper
407	Analysis of brain tumour Medical Images using Deep Learning		AI/ML/DL	Research paper
408	Bird Species Identification from an Image	Identification of bird species based on feature extraction.	AI/ML/DL	Research paper
409	Traffic estimation and prediction system	To analyze data, especially real-time traffic data, from different sources. To estimate	AI/ML/DL	Research paper
410	COMPARATIVE ANALYSIS OF PREDICTIVE MODEL FOR	COMPARATIVE ANALYSIS AND DESIGN OF PREDICTIVE MODEL FOR B	AI/ML/DL	Research paper
411	Deep Learning Based Model for Classification of COVID -19	make a deep learning base model for COVID -19	AI/ML/DL	Research paper
412	Analysis and Comparison of Medical Images MRI, CT Scan u	To assist doctors in medical diagnosis	AI/ML/DL	Research paper
413	Emotion based movie recommendation system	To recommend movie based on the emotion of user using content based and collabor	AI/ML/DL	Research paper
414	Analysis of Ultrasound Medical Images using Deep Learning	To make visual improvement of ultrasound images	AI/ML/DL	Research paper
415	Online Voting classifier using ensembled learning	Voting classifier	AI/ML/DL	Research paper
416	Smart Agricultural Crops Growth using Machine Learning	Farmers can access their fields remotely via the Internet of Things (IoT) and machine	Machine Learning / Deep	Research paper
417	Texture classification by using Local directional number patter	To enhance the texture data and to improve the classification accuracy	Matlab	Improvement in accu
418	Plant leaves diseases detection using ML approaches	Train a model to predict the plant diseases	Spyder	Research paper
419	Handwritten digit classification using machine learning	Developing such a system that understand and classify the images of handwritten digits as 10 digits (0–9).	Artificial Intelligence	Workable Software P
420	FUTURE ROLEPLAY - THE ERA OF NEW VIRTUAL WORLDS	The future roleplay is basically a gamming server where they help to join the different people from all over the world into one place . This server is also help to increase personality , knowledge & much more if they play this game.	Cloud Computing / Fog C	Workable Software +
421	College Database project using mongo database	Record of college	Databases	Any Other
422	Image Steganography in ASM	Creating a system to hiding and securing data.	Information Security and	Workable SW Projec
423	Secure and Efficient Authentication Scheme for a network	Enable message authentications between messages traveling on different network	Information Security and	Workable Software P
424	Prevention of DOS attack on SDN	Protecting from Man in the Middle Attack Maintaining Quality of Service Ensuring secure transmission	Information Security and	Workable Software P
425	E Authentication System Using QR Code and OTP	In the Project, once the email id and password is authenticated, the user may proceed with next authentication section where he/she need to select the type of authentication as QR (Quick Response) Code or OTP (One Time Password). Once the user selects the authentication type as QR Code, then system will generate a QR Code and send it to user's mail id over internet. If user select's OTP, then SMS will be sent on his/her registered mobile number. If the user passes the authentication, then system will redirect to the main page. The QR Code and OTP are randomly generated by the system at the time of login.	Information Security and	Research paper
426	SCHOOL SECURITY SYSTEM USING RFID	this system ensures safety of the students by making their parents aware about various important status about their children like time in, time out etc. The implementation of SSS via RFID to avoid crime, illegal activities by students.	Information Security and	Patent
427	Cryptography Security System	Generate 3-4 public and private keys to encrypt the system data	Information Security and	Workable SW Projec
428	Storage and Energy Efficient Cloud Computing Project	In basic cloud computing systems the available storage space and resources are not economically utilized. As all the cloud users are not active at a time so overall computing power and storage is not efficiently utilized. This project aims to solve such issues related to cloud computing by proving an enhanced cloud computing system. This project delivers an improved cloud computing system that solves many of the storage and processing anomalies related to cloud networks. It can be efficiently used to get a good overview of all the cloud system features and limitations and used as an It project for students.	Cloud Computing / Fog C	Journal Paper

429	Web based intelligent tourist guide	he system should find a path that fulfills those criteria, show it on screen, show names of objects, some short descriptions and photos of them and possible entrance costs.	Web Development using	Others
430	Resource Scheduling on cloud computing using hybridization	To schedule the resources on cloud. To balance the load. to compute various resources like makespan, execution time	Cloud Computing / Fog C	Journal Paper
431	Voice based Email service for visually challenged people	As the title suggests, the application will be a web-based application for visually impaired persons using IVR- Interactive voice response, thus enabling everyone to control their mail accounts using their voice only and to be able to read,send, and perform all the other useful tasks.	Web Development using	Software Project
432	Centralized Inventory control system for multiple stores of a B	Information Management	Databases	Workable Software P
433	Identifying Gender From behavious	To forecast weather, which is one of the greatest challenges in meteorological department. Weather prediction is necessary so as to inform people and prepare them in advance about the current and upcoming weather condition. This helps in reduction in loss of human life and loss of resources and minimizing the mitigation steps that are expected to be taken after a natural disaster occurs. Methods/Statistical analysis: This study makes a mention of various techniques and algorithms that are likely to be chosen for weather prediction and highlights the performance analysis of these algorithms	Data Mining	Research paper
434	Employee Managemet System using cassandra database	To Manage the data of Employees.	Databases	Workable Software P
435	Secure Text Transfer Using Diffie Hellman Key Exchange Bas	Encryption is the technique of hiding private or sensitive information within something that appears to be nothing be a usual. If a person views that cipher text, he or she will have no idea that there is any secret information. What encryption essentially does is exploit human perception, human senses are not trained to look for files that have information inside of them. What this system does is, it lets user to send text as secrete message and gives a key or a password to lock the text, what this key does is, it encrypts the text, so that even if it is hacked by hacker it will not be able to read the text. Receiver will need the key to decrypt the hidden text. User then sends the key to the receiver and then he enters the key or password for decryption of text, he then presses decrypt key to get secret text from the sender. Diffie-Hellman key exchange offers the best of both as it uses public key techniques to allow the exchange of a private encryption key. By using this method, you can double ensure that your secret message is sent secretly without outside interference of hackers or crackers. If sender sends this cipher text in public others will not know what is it, and it will be received by receiver. The system uses online database to store all related information. As, the project files and a database file will be stored into the Azure cloud, the project will be accessed in the web browser through Azure link.	Cloud Computing / Fog C	Journal Paper
436	Smart irrigation system using iot	IoT	•Processor – Dual Core•E	Workable Software
437	Multi Website Advertisement Handling System	project is a simulation of multi website handling by an ad network. We here use an online sql based database for this purpose.	Networking/ CISCO pack	Other
438	Social Media Community Using Optimized Clustering Algorit	Secure Identity of people and create an authentic system.	Networking/ CISCO pack	Workable Software +
439	Image Character Recognition Using Signal & Pattern Analysis	To remove noise and unwanted objects. Accurate Text Detection	Networking/ CISCO pack	Workable Software +

440	Improved Privacy-Preserving Framework for Location-Based S	improve the existing LBSs system framework, in which we generate double cloaking regions by constraining the supplementary information, and then k-anonymous task is achieved by the cooperation of the double cloaking regions; specifically speaking, k dummy points of fixed dummy positions in the double cloaking regions are generated and the LBSs query is then performed	Network Security	Working project+Res
441	An Efficient speech control Robot car	The main objective of this project is to exploit the “IoT” potential of Raspberry Pi computer to control a Remote Car using the Voice Commands. The Raspberry Pi with a Microphone connected to it will receive the Voice Commands and will control the Remote Car by Processing the received Voice commands.	IoT/ARDUINO/Rasberry pi	Research paper
442	Google maps implementation using machine learning approaches	To monitor and and train the model for traffic congestion and road construction	R tool / Python	Research Paper
443	privacy preserving smart IOT based device bid data storage	To ensure the security of the data access control and support and smart duplication to save the storage space in big data storage system	Big data analytics	Any Other
444	Secure & Efficient Authentication in cloud Using Cryptography	To develop an efficient authentication system to secure Cloud Logins	Machine Learning/ Deep Learning /Python	Workable SW Project
445	Optic disc segmentation by using DWT technique and active c	Optic disc segmentation for glaucoma detection with improved ROI	Matlab	Glaucoma detection
446	Agent Based Modelling and Simulation using Netlogo for prediction of CoVID-19 future impacts and spread	Achieve insights regarding CoVID-19 future policy designs	Others using Others	Software Project
447	Review on machine learning algorithm to detect inactive users of SNS	It was to detect non active users of the any social networking sites using using different machine learning algorithms	Data Mining using Weka	Journal Paper
448	Analyse the Covid dataset on the basis of Gender and Age	Objective of this is to see impact of covid on the basis of Gender and Age	Machine Learning/ Deep Learning using Weka	Journal Paper
449	Optic disc segmentation by improved Gray Level Cooccurrence	Optic disc segmentation for glaucoma detection on real time dataset	Matlab	Glaucoma detection
450	E Authentication System using QR Code & OTP	To propose a schemes with different degrees of resistance to shoulder surfing, Preven	Python, Java	Journal Paper + appli
451	Evaluation of Academic Performance of Students with Fuzzy I	To evaluate students academic performance with fuzzy logic based model	MATLAB, Python	Software + Journal P
452	Secure File Storage on Cloud using Hybrid Cryptography	To propose software to meet requirement security needs of data center of cloud using	Java program	Workable project + R
453	Student Grade Prediction Using C4.5 Decision Tree	Predict the grade of the student data analyse them and predict the grade	C4.5 decision program us	Journal Paper + Worl
454	Data Mining For Automated Personality Classification	Design to classify persons using Automated personality classification (APC), advanc	Python , Java	Software + Journal Pa
455	Biomedical Data Mining for Webpage Relevance Checking	To use smartly designed web mining algorithms to mine textual information on web	Python, R	Workable project + R
456	Fake Product reviewing monitoring & removal for genuine rat	To find out the review is fake or genuine, system will find out the IP address of the u	Php , Python	Workable project + R
457	Optic disc segmentation by integrating single scale retinex and	Optic disc segmentation for glaucoma detection by enhacing the fundus images	Matlab	Glaucoma detection
458	Watermark Images using Discrete Cosine Transforms	To apply watermarking so that users can resize the image for further processing.	MATLAB	Workable project + I
459	Blockchain Based International Transaction Processing and Se	Propose blockchain based system allows for easy and full exact amount refund as per	Java,Python	Software + Journal P
460	Optic disc segmentation by integrating isotropic and DWT tec	Optic disc segmentation for glaucoma detection on the basis of RDR calculation	Matlab	Glaucoma detection
461	Vessel segmentation using modified DWT transformation tech	Retinal blood vessel segmentation with an aim to improve the performance matrices	Matlab	Improved segmentati
462	Enhancing the retinal blood vessel using DoG filtering	Retinal blood vessel enhancement and to improve PSNR value	Matlab	Improved vessel imag
463	Optic disc segmentation by integrating Tantrig and DWT tech	Optic disc segmentation for glaucoma detection on the basis of CDR calculation	Matlab	Glaucoma detection
464	Texture classification by enhanced Laws filter	To enhance the texture data and to improve the classification accuracy	Matlab	Improvement in accu
465	Detection of the Optic Nerve Head in Fundus Images of the Re	Optic nerve detection	Matlab	Cup to Disc measure
466	A Machine Learning Method for Vehicle Classification	Improved recognition rate	Matlab	Improvement in reco
467	An Efficient Texture Descriptor for the Detection of License P	Improved recognition rate	Matlab	Improvement in reco
468	On-Road Vehicles Detection using Appearance and Texture In	Improved recognition rate	Matlab	Improved recognition
469	Object classification using a local texture descriptor and a sup	Improved classification rate	Matlab	Improvement in accu

470	Vehicle Detection and Classification Using Gaussian Mixture	Improved classification rate	Matlab	Improvement in accu
471	Texture Features in Facial Image Analysis	Feature analysis	Matlab	Improved features
472	Mechanism to Task Scheduling Android Application For Inventory	To develop a task scheduling application which enables the users to keep track of their daily objectives and view the amount of the work they got done.	Android Application	
473	E Commerce Product Rating Based On Customer Review Mining	E-commerce enterprises were unable to know whether the customers are satisfied by	Software Engineering	SW Project
474	Implementation on Adventure Game using Machine Learning	" The main objective of this project is to develop a digital text based adventure game for fun and consumption of time. "	Machine Learning	Working Project+Res
475	Smart Grid with IOT based Performace Monitoring System	This IoT-based smart energy grid uses an ATmega family controller to monitor and c	IOT/SENSOR	Research paper
476	Smart working of Flood Detection Communication System	. IoT-based flood detection system is built to monitor and track different natural facto	IOT/SENSOR	Research paper
477	Work on the IOT based Irrigation system in Hilly Area.	IoT project is a smart irrigation system that can analyze the moisture level of the soil	IOT/SENSOR	Research paper
478	Cloud baserd Technology For Health Monitoring System	IoT-powered health monitoring system is designed to allow patients to take charge of	IOT/SENSOR	Research paper
479	IOT based Smart Energy Meter Monitoring with Theft detectio	IoT-based anti-theft system is the perfect solution for safeguarding homes as well as i	IOT/SENSOR	Research paper
480	Weather Reporting System Based on Cloud Technology	This IoT-based weather reporting system is specifically designed to facilitate the repc	Cloud Computing	Research paper
481	CLOUD based technology to control flood detection mechanign	. IoT-based flood detection system is built to monitor and track different natural facto	cLOUD Computing/SENS	Research paper
482	To Implementation on Blood Bank Transfusion System in Hos	Blood banking Process that Facilitating the transfusion of blood types and availability of donor in a particular area	Cloud computing	Working Project+Res
483	Secure Text Transfer Using Diffie Hellman key Exchange base	Encryption the technique of hiding Private and Sensitive infirmation within somrthing that appear to be a usual	Cloud Computing	Working Project+Res
484	Intelligent Rule Based phishing website classification Based o	User Purchase product online and make payment through ebanking that provide sensitive data as a username and password	Cloud computing	Working Project+Res
485	Monitoring Suspicious Discussions On Online Forums Using	internet technology had been increasing more and more, this technology led to many	Software Engineering	SW Project
486	Unique User Identification Across Multiple Social Networks	number of social network sites that connect a large amount of people around the worl	Software Engineering	Working Project+Res
487	Biomedical Data Mining For Web Page Relevance Checking	Technique used to mine out useful data and patterns from large data sets and make th	Software Engineering	SW Project
488	Fake Product Review Monitoring And Removal For Genuine C	The scope and need of online markets and e-commerce platforms are on the rise and many people buy products from these platforms.	Software Engineering	Research paper
489	Secure Lab Access Using Card Scanner Plus Face Recognition	A lot of sensitive research is carried on in such laboratories. The confidentiality of su	Software Engineering	Working Project+Res
490	On Demand Remote PC Monitoring system Through Internet	Authority know about any mal activity or any activity not supposed to be done in office premises is done by the employee	Software Engineering	SW Project
491	Web Data Mining To Detect Online Spread Of Terrorism	Terrorism has grown its roots quite deep in certain parts of the world. With increasin	Software Engineering	SW Project
492	Facial Age estimation using wrinkle features	using the wrinkle feature of face images calculating the age of subject.	IoT/ARDUINO/Raspber ry pi	Workable Software + Hardware Project
493	Real-time applications of neural networks in transportation str	This project will help to analyse the real time applications of Neural network in trans	Machine Learning/ Deep	Journal Paper
494	Classification of cervical cancer using pap smear images	This project is beneficial to develop a computer-assisted diagnosis tool to make the p	Machine Learning/ Deep	Journal Paper
495	Efficient Data delivery scheme to deal with network partitionin	The objective of the project is to tackle major issue of WBAN that is to deliver medic	Wireless Body Area Netw	Journal Paper
496	Fake News Detection Project using unsupervised learning	Fake news spreads like a wildfire and this is a big issue in this era. We can learn how	Machine Learning/ Deep	Software Project
497	Text extraction from cheques using ML/DL and NLP	To extract data from cheque and other documents using NLP and use it in effective n	Natural Language Proces	Journal Paper
498	COVID-19 death prediction by using random forest algorithm	COVID-19 death prediction by using random forest algorithm and comparing it with	Machine Learning/ Deep	Journal Paper
499	Web based intelligent tourist guide for finding path that fulfill	The system should find a path that fulfills those criteria, show it on screen, show nan	Web Development using	Others
500	Efficient data delivery scheme to deal with network partitionin	The objective of the project is to takle major issue in WBAN that is to deliver medica	Wireless Body Area Netw	Journal Paper
501	Lung cancer detection using segmentation from lung images	1) use public dataset 2) to design algorithms for early detection of diseases	Machine Learning	Rsearch Paper
502	A human body posture recognition algorithm based on BP neu	Human body posture recognition has attracted considerable attention in recent years i	Machine Learning	Rsearch Paper































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