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| List of Projects We are offering for your Academic Project (2022-2023) in Various Domains & Technologies  |
| From: Cloud Technologies Team |

You will get following services and stuff from our team...

1. Project Abstract & Explanation.
2. Base Paper& Explanation.
3. Complete functional code.
4. Complete Project Report with all UML diagrams.
5. Database backup.
6. Video file of project execution.
7. Project Needed Software’s and Installation in your machine.
8. Online (Different City) Support.
9. Our support until your External Viva.
10. You can brush up your project for your Visa Interview with our team.
* You are welcome with your own requirements.
* Project Abstract, Base paper and Project overview explanation you can get by before registration.

Extra Supports:

* Support for Project Enhancement / Future Work.
	+ Support for Plagiarism Document.
	+ We are offering Real Time Hosting and Cloud Hosting in AWS and etc.
	+ Paper Writing & Publishing
* Scopus Indexed Journals
* UGC-CARE Group 'A' Journals
* International Journals

IEEE 2022

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| **PYTHON DEVELOPMENT PROJECTS****Data Science , Machine Learning, Deep Learning,** **Image Processing****Artificial Intelligence ,NLP, Data Mining ,Cloud Computing** |
| Sno | Title of the Project | Domain / Publishing Year / Technology  |
| 1 | A Deep Learning-Based Framework for Phishing Website Detection | IEEE January 2022. |
| 2 | A Study of the Application of Weight Distributing Method Combining Sentiment Dictionary and TF-IDF for Text Sentiment Analysis. | IEEE March 2022. |
| 3 | An Analysis on Ensemble Learning Optimized Medical Image Classification with Deep Convolutional Neural Networks | IEEE June 2022. |
| 4 | Trapdoor Privacy in Public Key Encryption with Keyword Search. | IEEE March 2022. |
| 5 | Sentiment Analysis of Reviews in Natural Language: Roman Urdu as a Case Study | IEEE March 2022. |
| 6 | Movie Popularity and Target Audience Prediction Using the Content-Based Recommender System. | IEEE April 2022. |
| 7 | DSAS: A Secure Data Sharing and Authorized Searchable Framework for e-Healthcare System. | IEEE March 2022. |
| 8 | Design and Development of Conversational Chatbot for Covid-19 using NLP: an AI application. | IEEE –Conference-March 2022 |
| 9 | DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in Twitter Social Media Platform. | IEEE March 2022. |
| 10 | Crop Prediction Based on Characteristics of the Agricultural Environment Using Various Feature Selection Techniques and Classifiers. | IEEE March 2022. |
| 11 | Plant Disease Detection and Classification Using Machine Learning Algorithm | IEEE –Conference-January 2022 |
| 12 | Black gram Plant Leaf Disease (BPLD) dataset for recognition and classification of diseases using CNN  | Elsevier-November 2022 |
| 13 | Chronic Kidney Disease Prediction Using Machine Learning Techniques | Springer-August 2022 |
| 14 | Secure File Storage using Hybrid Cryptography | IEEE –Conference-November-2022 |
| 15 | Face To BMI: A Deep Learning Based Approachfor Computing BMI from Face | IEEE –Conference-April 2022 |
| 16 | Fingerprint Image Identification for Crime Detection using Convolutional neural networks | IEEE –Conference- May 2022 |
| 18 | Air pollution prediction with machine learning: a case study of Indian cities | Springer-May 2022 |
| 17 | Driver Drowsiness Detection System using Convolutional Neural Network | IEEE –Conference- April 2022 |
| 18 | An Efficient Approach for Crops Pests Recognition and Classification Based on Novel DeepPestNet Deep Learning Model | July 2022 |
| 19 | Detection of Stress in IT Employees using Machine Learning Technique | IEEE –Conference- June 2022 |
| 20 | Electricity Theft Detection in Smart Grids Based on Deep Neural Network | IEEE-April-2022. |
| 21 | Fine-Grained Food Classification Methods on the UEC FOOD-100 Database | IEEE- August 2021 |
| 22 | Identification of Fake Indian Currency using Convolutional Neural Network | IEEE –Conference- April 2022 |
| 23 | Parkinson’s disease Detection Using Machine Learning | IEEE –Conference- May 2022 |
| 24 | Rice Leaf Disease Prediction Using Machine Learning | IEEE –Conference- May 2022 |
| 25 | Intrusion Detection System Using Improved Convolution Neural Network | IEEE –Conference- August 2022 |
| 26 | Detection of Cyberbullying Using Machine Learning and Deep Learning Algorithms | IEEE –Conference- October 2022 |
| 27 | Fake Profile Identification in Social Network using Machine Learning and NLP | IEEE –Conference- May 2022 |
| 28 | Fraud Detection and Analysis for Insurance Claim using Machine Learning | IEEE –Conference- May 2022 |
| 29 | Prediction of Parkinson’s disease using XGBoost | IEEE –Conference- June 2022 |
| 30 | Prediction of Used Car Prices Using Artificial Neural Networks and Machine Learning | IEEE –Conference- March 2022 |
| 31 | Water Quality Classification Using SVM And XGBoost Method | IEEE –Conference- August 2022 |
|  | Block chain Technology |  |
| 32 | A Framework to Make Voting System Transparent Using Blockchain Technology | IEEE-June-2022 |
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| 1 | Academic Performance Prediction Based on Multisource, Multifeature Behavioral Data | IEEE – January-2021. |
| 2 | Touchless Electronic Voting Machine With An Ai-Facial Recognition | IEEE –October- 2021. |
| 3 | Website Evaluation Using Opinion Mining | IEEE –October- 2021 |
| 4 | A Comparative Study on Fake Job Post PredictionUsing Different Data mining Techniques | Conference-January 2021 |

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| **MACHINE LEARNING PROJECTS****Python Development** |
| Sno | Title of the Project | Domain / Publishing Year / Technology  |
| 1 | A Comprehensive Review on Email SpamClassification using Machine Learning Algorithms | IEEE Conference Jan. 2021 |
| 2 | A Review on Machine Learning Techniques forImage Based Spam Emails Detection | IEEE Conference Feb. 2021 |
| 3 | An Approach to Improve the Accuracy of Detecting Spamin Online Reviews | IEEE Conference Feb. 2021 |
| 4 | Application of Yolo on Mask Detection Task | IEEE Conference Feb. 2021 |
| 5 | BullyNet: Unmasking Cyberbullies on Social Networks | IEEE Conference Jan. 2021 |
| 6 | Comparative Study to Identify the heart diseaseUsing Machine Learning Algorithms | IEEE Conference March 2021 |
| 7 | Detection of Breast Cancer using Machine Learning Algorithms –A Survey | IEEE Conference April 2021 |
| 8 | Detection of Cyberbullying on social media UsingMachine learning | IEEE Conference 2021 |
| 9 | Ensemble method to predict impact of student intelligent quotient and academic achievement on placement | IEEE Conference April 2021 |
| 10 | Face Mask Detect ion Using OpenCV | IEEE Conference Feb. 2021 |
| 11 | Predicting Student’s Failure in Education Based on Dropout Status | IEEE Conference April 2021 |
| 12 | Real time-Employee Emotion Detection system (RtEED) using Machine Learning | IEEE Conference Feb. 2021 |
| 13 | Social Media Analysis with Machine Learning | IEEE Conference Jan. 2021 |
| 14 | Stock Price Prediction using Machine Learning andSentiment Analysis | IEEE Conference  |
| 15 | Twitter Spam Detection Using Naïve Bayes Classifier | IEEE Conference Jan. 2021 |
| 16 | A New Malware Classification Framework Based on Deep Learning Algorithms | **IEEE Transaction June 2021** |
| 1 | Masked Face Recognition Dataset and Application | IEEE Conference Mar 2020 |
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| 4 | Detection of malicious software by analyzing the behavioral artifacts using machine learning algorithms | ELSEVIER-2020 |
| 5 | Facial Expression Recognition with Convolutional Neural Networks | IEEE Conference  |
| 6 | Application of Machine Learning for the Detection of Heart Disease | IEEE Conference -2020 |
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| 8 | Automatic Vehicle License Plate Recognition | IEEE Conference -2020 |
| 9 | Handwritten Digit Recognition with Feed-Forward Multi-Layer Perceptron and Convolutional Neural | IEEE Conference-2020 |
| 10 | Application of Machine Learning for the Detection of Heart Disease  | IEEE Conference-2020 |
| 11 | A Mask Detection Method for Shoppers Under the Threat of COVID-19 Coronavirus | IEEE Conference-2020 |
| 12 | Defensive Modeling of Fake News Through Online Social Networks | **IEEE Transaction August 2020** |
| 13 | Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network | **IEEE Transaction May 2020** |
| 14 | Identification of Malicious Injection Attacks in Dense Rating and Co-visitation Behaviors | **IEEE Transaction August 2020** |
| 15 | Improving the Performance of Sentiment Analysis of Tweets Containing Fuzzy Sentiment Using the Feature Ensemble Mode | **IEEE Transaction January 2020** |
| 16 | Performance Analysis on Student Feedback using Machine Learning Algorithms  | IEEE Conference-2020 |
| 17 | Prediction of Breast Cancer, Comparative Review of MachineLearning Techniques and their Analysis | **IEEE Transaction August 2020** |
| 18 | Spam Review Detection Using the Linguistic and Spammer Behavioral Methods | **IEEE Transaction March 2020** |
| 19 | Heart Disease Identification Method Using Machine Learning Classification in E-Healthcare | **IEEE Transaction June 2020** |
| **SCOPUS INDEXED JOURNALS** |
| 1 | Image processing Model with Deep Learning Approach for Fish Species Classification | Scopus -2022 |
| 2 | Phishing Websites Detection Model based on Decision Tree Algorithm and Best Feature Selection Method | Scopus -2022 |
| 3 | An Extensive Analysis on Computing Students' Academic Performance in Online Environment using Decision Tree | Scopus -2022 |
| 4 | Automatic Age and Gender Estimation using Deep Learning andExtreme Learning Machine | Scopus -2021 |
| 5 | Sign Language Detection using Deep Learning | Scopus -2021 |
| 6 | A Comparison of Five Machine Learning Algorithms in the Classification of Diabetes Dataset | Scopus -2021 |
| 20 | Corona Virus Infection Probability Classification using ML algorithms | Scopus -2020 |
| 21 | Efficient Approach To Predict Performance Of PlayersUsing Machine Learning | Scopus -2020 |
| 22 | Evaluation of Cryptographic Algorithms on Low Power Devices used in Smart City | Scopus -2020 |
| 23 | Prediction of Olive Oil Productivity using Machine Learning Decision Tree Algorithm | Scopus -2020 |
| 24 | Spam Detection in Sms Using Multi-Layer Perceptrons Classifier | Scopus -2020 |
| 25 | AI Therapist Using Natural Language Processing | Scopus -2020 |
| 26 | Identification-Of-Weeds-From-Crops-Using-Convolutional-Neural-Network | Scopus -2020 |
| 27 | Machine Learning Based Text Classifier Centered On TF-IDF Vectoriser | Scopus -2020 |
| 28 | Online-Blood-Banking-Management-Solution-Using-Frame-based-Approach | Scopus -2020 |
| 29 | Interpolation of the Histogramed MR Brain Images for Resolution Enhancement | Scopus -2020 |
| 30 | K-means Clustering Algorithm Based on E-Commerce Big Data | Scopus -2020 |
| 31 | Machine Learning Algorithms for Human ActivityRecognition | Scopus -2020 |
| 32 | Modified Dynamic Hash Table with Threshold RSA for Dynamic and Public Auditing on Cloud Data | Scopus -2020 |
| 33 | Privacy Protection Against Insider Attacks | Scopus -2020 |
| 34 | Real Time News Classification Using Machine Learning | Scopus -2020 |
| 35 | Secure M-Banking using Steganography | Scopus -2020 |
| 36 | Student Reminder Android Based System | Scopus -2020 |
| 37 | Predicting Perceived Stress Related to the Covid-19 Outbreak through Stable Psychological Traits and Machine Learning Models | Journal of Clinical Medicine-2020 |
| 38 | Crop Yield Prediction To Maximize Profit Using Machine Learning | Scopus -2020 |
| 1 | Detection of Brain Tumor in MRI Images, Using a Combination of Fuzzy C-Means and Thresholding | IJAPUC- March 2019 |
| 2 | Breast Cancer Prediction Applying Different Classification Algorithm with Comparative Analysis  | IEEE Conference January 2019 |
| 3 | Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection | IEEE Conference February 2019 |
| 4 | Crime Data Analysis and Prediction of Perpetrator Identity using Machine Learning Approach | IEEE Conference June 2019 |
| 5 | **Exploiting Effective Facial Patches for Robust Gender Recognition\*** | **IEEE** **January 2019** |
| 6 | **HERO: Human Emotions Recognition for Realizing Intelligent Internet of Things\*** | **IEEE****March 2019** |
| 7 | WC-PAD: Web Crawling based Phishing Attack Detection | IEEE ConferenceJune 2019 |
| 8 | Comparison of Machine Learning Methods for Breast Cancer Diagnosis | IEEE Conference June 2019 |
| 9 | Image Based Estimation of Real Food Size for Accurate Food Calorie Estimation | IEEE Conference April 2019 |
| 10 | Prediction of thyroid Disease Using Data Mining Techniques | IEEE ConferenceJune 2019 |
| 11 | Machine Learning Based Predictive Analytics of Student Academic Performance in STEM education | IEEE ConferenceMay 2019 |
| 12 | A Review on Student Placement Chance Prediction | IEEE ConferenceJune 2019 |
| 13 | Diabetes Prediction Using Different Machine Learning Approaches | IEEE ConferenceJune 2019 |
| 14 | An Optimization Approach to Improve Classification Performance in Cancer and Diabetes Prediction | IEEE ConferenceApril 2019 |
| 15 | Design of Intelligent Classroom Attendance System Based on Face Recognition | IEEE Conference June 2019 |
| 16 | Sentiment Analysis Using Machine Learning Classifiers Evaluation of Performance | IEEE ConferenceSeptember 2019 |
| 17 | A proposed Model for Predicting Employees’ Performance Using Data Mining Techniques: Egyptian Case Study | IJCSIS-2019 |
| 18 | Detection of fake online reviews using semi-supervised and supervised learning | IEEE ConferenceFebruary 2019 |
| 19 | Higher Education Student Dropout Prediction and Analysis through Educational Data Mining | IEEE ConferenceJune 2019 |
| 20 | A Fuzzy Approach to Text Classiﬁcation With Two-Stage Training for Ambiguous Instances | **IEEE****March 2019** |
| 21 | A Time Series Mining Approach For Agricultural Area Detection | **IEEE****April 2019** |
| 22 | Design And Implementing Heart Disease Prediction Using Naives Bayesian | IEEE ConferenceApril 2019 |
| 23 | Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques | **IEEE** **June 2019** |
| 24 | Personalized affective feedback to address students’ frustration in ITS | **IEEE** **March 2019** |
|  25 | Trust-based Privacy-Preserving Photo Sharing in Online Social Networks | **IEEE****March 2019** |
| 26 | A Deep Learning Facial Expression Recognition based Scoring System for Restaurants | IEEE Conference April 2019 |
| 28 | Missing Child Identification System using Deep Learning and Multiclass KNN | IEEE ConferenceFebruary 2019 |
| 28 | Design a Secure Voting System Using Smart Card and Iris Recognition | IEEE ConferenceApril 2019 |
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| 1 | Lyrics Classification using Naive Bayes | Machine Learning-May-2018 |
| 2 | Heart Disease Prediction using Machine Learning Classifiers | Machine Learning-May-2018 |
| 3 | Building Minimal Classification Rules for Breast Cancer Diagnosis Using Python | Machine Learning-May-2018 |
| 4 | Heart Disease Prediction System sing K-Means Clustering and Naïve Bayes Algorithm using Python | Machine Learning-May-2018 |
| 5 | Collaborative Filtering Algorithm Based on Rating Difference and User Interest | Machine Learning-May-2018 |
| 6 | Review Spam Detection using Machine Learning | Machine Learning-May-2018 |
| 7 | Heart Disease Prediction using Neural Networks | Machine Learning- Oct- 2017 |
| 8 | Comparative Analysis of Classification Approaches for Heart Disease Prediction | Machine Learning- Feb- 2018 |
| 9 | Multiple face detection based on machine learning | Machine Learning-May-2018 |
| 10 | Student Pass Rates Prediction Using Optimized Support Vector Machine and Decision Tree | Machine Learning-May-2018 |
| 11 | Survey on Sentiment Analysis using Twitter Dataset | Machine Learning-May-2018 |
| 12 | Rainfall Prediction using Hybrid Neural Network approach | Machine Learning-May-2018 |
| 13 | Phishing Web Sites Features Classification Based on Extreme Learning Machine | Machine Learning-May-2018 |
| 14 | Comparative Analysis of Classification Approaches for Heart Disease Prediction | Machine Learning-May-2018 |
| 15 | Analysis of neural networks based heart disease prediction system | Machine Learning-May-2018 |
| 16 | Detection of Online Fake News Using N-Gram Analysis and Machine Learning Techniques | Machine Learning-May-2018 |
| 17 | Increased prediction accuracy in the game of Cricket using machine learning | Machine Learning-May-2018 |
| 18 | Random Forest for Credit Card Fraud Detection | Machine Learning-May-2018 |
| 19 | Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning | Machine Learning-May-2018 |

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| **MACHINE LEARNING PROJECTS****Python DJango Development** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
| 1 | Building and Querying an Enterprise Knowledge Graph | **IEEE****June 2019** |
| 2 | PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering | **IEEE****June 2019** |
| 3 | Personalized Recommendation of Social Images by Constructing a User Interest Tree with Deep Features and Tag Trees | **IEEE****Nov 2019** |
| 4 | Trust-based Privacy-Preserving Photo Sharing in Online Social Networks | **IEEE****March 2019** |
| 5 | Sentiment Analysis Using Machine Learning Classifiers Evaluation of Performance | IEEE ConferenceSeptember 2019 |
| 6 | Active Online Learning for Social Media Analysis to Support Crisis Management | **IEEE****March 2019** |
| 7 | WC-PAD: Web Crawling based Phishing Attack Detection | IEEE ConferenceJune 2019 |
| 8 | Improving Web Page Access Prediction using Web Usage Mining and Web Content Mining | **IEEE** **2019** |
| 9 | A Hierarchical Attention Model for Social Contextual Image Recommendation | **IEEE****April 2019** |
| 10 | Phishing Web Sites Features Classification Based on Extreme Learning Machine | Machine Learning-May-2018 |
| 11 | A Web Service to Generate Intelligent Previews of Web Links | Data Mining-2018 |

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| **DEEP LEARNING PROJECTS****Python Development** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
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| 2 | Monitoring Social Distancing for Covid-19 Using OpenCV and Deep Learning | IRJET- June 202 |
| 3 | Deep Learning Techniques for Implementation ofChatbots | IEEE Conference 2020 |
| 1 | **Efficient Facial Expression Recognition Algorithm Based on Hierarchical Deep Neural Network Structure\*** | IEEE April 2019 |
| 2 | A Deep Learning Facial Expression Recognition based Scoring System for Restaurants | IEEE Conference April 2019 |
| 3 | Missing Child Identification System using Deep Learning and Multiclass KNN | IEEE ConferenceFebruary 2019 |

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| **IMAGE PROCESSINGPROJECTS****Python Development** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
| 1 | Detection of Brain Tumor in MRI Images, Using a Combination of Fuzzy C-Means and Thresholding | IJAPUC- January-March 2019 |
| 2 | Image Based Estimation of Real Food Size for Accurate Food Calorie Estimation | IEEE ConferenceApril 2019 |
| 3 | Smart Traffic Control System Using Image AI(NON-IEEE) | Python-2018 |
| 4 | Multiple face detection based on machine learning | Python-2018 |
| 5 | Smart Traffic Control System Using Canny Edge Detection Algorithm  | Python-2018 |

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| **ARTIFICIAL INTELLIGENCE PROJECTS****Java / Python Development** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
| 1 | **A Method of Driver’s Eyes Closure and Yawning Detection for Drowsiness Analysis by Infrared Camera\*** | IEEE ConferenceFebruary 2019 |
| 2 | Design a Secure Voting System Using Smart Card and Iris Recognition | IEEE ConferenceApril 2019 |
| 3 | **Signboard Detection and Text Recognition Using Artificial Neural Networks\*** | IEEE ConferenceAugust 2019 |
| 1 | Smart Traffic Control System Using Canny Edge Detection Algorithm  | Artificial intelligence -2018(Python Development) |
| 2 | An Artificial Intelligence Approach for Predicting Different Types of Stroke | Artificial intelligence -2018 |
| 3 | Artificial Intelligence Based Solarbot | Artificial intelligence -2018 |
| 4 | Determining fake statements made by public figures by means of artificial intelligence | Artificial intelligence -2018 |
| 5 | Prediction Model for Students’ Future Development by Deep Learning and Tensor flow Artificial Intelligence Engine | Artificial intelligence -2018 |
| 6 | Human Face Detection and Facial Expression Identification | Artificial intelligence -2018 |
| 7 | A Web Service to Generate Intelligent Previews of Web Links | Artificial intelligence -2018 |
| 9 | Voice Controlled Robot using smart phone | Artificial intelligence |

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| **NATURAL LANGUAGE PROCESSING****Java/Python Development** |
| SNO | Project Name | Domain –Year |
| 1 | SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors | Natural Language Processing -2017 |
| 2 | Entity linking with a knowledge base issues techniques and solutions | Natural Language Processing -2015 |
| 3 | PPSGen Learning-Based Presentation Slides Generation for Academic Papers | Natural Language Processing -2015 |
| 4 | Document Classification with a weighted Frequency Pattern tree algorithm | Natural Language Processing -2016 |

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| **DATA MINING PROJECTS****IEEE Papers, Java Development** |
| Sno | Title of the Project | Domain &Publishing Year  |
| 1 | Using Data Mining Techniques to Predict Student Performance to Support Decision Making inUniversity Admission Systems | **IEEE Transaction March 2020** |
| 2 | Sentiment Identification in COVID-19 Specific Tweets | IEEE Conference 2020 |
| 1 | Sentiment Analysis of Twitter Data | IEEE ConferenceMay 2019 |
| 2 | Prediction of thyroid Disease Using Data Mining Techniques | IEEE ConferenceJune 2019 |
| 3 | A Hierarchical Attention Model for Social Contextual Image Recommendation | **IEEE****April 2019** |
| 4 | Active Online Learning for Social Media Analysis to Support Crisis Management | **IEEE****March 2019** |
| 5 | Building and Querying an Enterprise Knowledge Graph | **IEEE****June 2019** |
| 6 | SentiDiff: Combining Textual Information and Sentiment Diffusion Patterns for Twitter Sentiment Analysis | **IEEE****April 2019** |
| 7 | Enabling Efﬁcient and Geometric Range Query with Access Control over Encrypted Spatial Data | **IEEE****April 2019** |
| 8 | PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering | **IEEE****June 2019** |
| 9 | Personalized Recommendation of Social Images by Constructing a User Interest Tree with Deep Features and Tag Trees | **IEEE****Nov 2019** |
| 10 | Privacy-Preserving Aggregate Queries for Optimal Location Selection | **IEEE****April 2019** |
| 11 | Sensitive Label Privacy Preservation with Anatomization for Data Publishing | **IEEE****May 2019** |
| 12 | Trust-based Privacy-Preserving Photo Sharing in Online Social Networks | **IEEE****March 2019** |
| 13 | WC-PAD: Web Crawling based Phishing Attack Detection | IEEE ConferenceJune 2019 |
| 14 | Improving Web Page Access Prediction using Web Usage Mining and Web Content Mining | **IEEE** **2019** |
| 1 | Lyrics Classification using Naive Bayes | Data Mining-2018 |
| 2 | Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites | DATA ENGINEERING-August 2018 |
| 3 | Building Minimal Classification Rules for BreastCancer Diagnosis | Data Mining-2018 |
| 4 | Centroid-based KNN Query in Mobile Service of LBS | Data Mining-2018 |
| 5 | Relevant Feedback Based Accurate and Intelligent Retrieval on Capturing User Intention for Personalized | Data Mining-2018 |
| 6 | A Web Service to Generate Intelligent Previews of Web Links | Data Mining-2018 |
| 7 | Smart crawler: A Personalized Web Search For Relevant Web Pages | Data Mining-2018 |
| 8 | Point-of-interest Recommendation for Location Promotion in Location-based Social Networks | Data Mining-2017 |
| 9 | Personal Web Revisitation by Context and Content Keywords with Relevance Feedback | Data Mining-2017 |
| 10 | SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors | Data Mining-2017 |
| 11 | NetSpam: A Network-Based Spam Detection Framework for Reviews in Online Social Media | Data Mining-2017 |
| 12 | Privacy-Preserving Multi-keyword Top-K similarity Search Over Encrypted Data | Data Mining-2017 |
| 13 | Collaborative Filtering-Based Recommendation of Online Social Voting | Data Mining-2017 |
| 14 | Service Rating Prediction by Exploring Social Mobile Users’ Geographical Locations | Data mining-2017  |
| 15 | SocialQ&A: An Online Social Network Based Question and Answer System | Data Mining-2017 |
| 16 | An Internal Intrusion Detection and Protection System by Using Data Mining and Forensic Techniques | Data Mining-2017 |

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| **BIG DATA****Java Development** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
| 1 | A Time Series Mining Approach For Agricultural Area Detection | IEEEApril 2019 |
| 1 | Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud | Big Data-2017 |
| 2 | Secure k-NN Query on Encrypted Cloud Data with Multiple Keys | Big Data-2017 |
| 3 | An Efficient and Fine-grained Big Data AccessControl Scheme with Privacy-preserving Policy | Big Data-2017 |
| 4 | Heterogeneous Data Storage Management with Deduplication in Cloud Computing | Big Data-2017 |

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| **SALESFORCE CRM** |
| Sno | Title of the Project | Domain & Publishing Year / Technology  |
| 1 | Defect tracking system Sales force CRM | Live Concepts |
| 2 | Employee Attendance Portal Sales force CRM | Live Concepts |
| 3 | Entertainment Expense Management System Sales force CRM | Live Concepts |
| 4 | Hireling Management system Sales force CRM | Live Concepts |
| 5 | Project Management System Sales force CRM | Live Concepts |
| 6 | Task Manager Sales force CRM | Live Concepts |

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| **SMART INDIA HACKATHON 2020****Software Project** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Use of Al based Chat bots for providing health related information | HACKATHON2020 |
| 2 | Smart Management of Food Storage and Waste Reduction | HACKATHON2020 |
| 3 | Prediction Of Tariff Rate | HACKATHON2020 |
| 4 | Alumni Tracking System | HACKATHON2020 |
| 5 | App for online OPD appointment & Hospital Information System | HACKATHON2020 |
| 6 | Court Case Management software | HACKATHON2020 |
| 7 | Cyber Crime Prevention | HACKATHON2020 |
| 8 | Data Crawlers to collect data | HACKATHON2020 |
| 9 | Develop a Students Grievance Support System | HACKATHON2020 |
| 10 | Disruptive innovation for women empowerment | HACKATHON2020 |
| 11 | Innovative apps for women safety specially in cyber space | HACKATHON2020 |
| 12 | Livestock Health Database | HACKATHON2020 |
| 13 | Predicting the trends of quality-oriented jobs | HACKATHON2020 |
| 14 | Real-Time Based Facial Recognition Systems | HACKATHON2020 |
| 15 | Tracking & Tracing of Fake News | HACKATHON2020 |
| 16 | Video based dynamic human authentication system for access control | HACKATHON2020 |
| 17 | Virtual Assistant for Medical Device | HACKATHON2020 |

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| **SMART INDIA HACKATHON 2022****Software Project** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Weather Forecast and its Visualization using Augmented Reality (AR) | HACKATHON2022 |
| 2 | AI based Chatbot to answer FAQs | HACKATHON2022 |
| 3 | Graphical Password Authentication | HACKATHON2022 |
| 4 | One Point Student/Faculty Details Verification through Functional Application Software | HACKATHON2022 |
| 5 | Mobile Application for Diet Recall | HACKATHON2022 |
| 6 | Tracking of food waste for productive usage | HACKATHON2022 |
| 7 | AI Based Platform for Students | HACKATHON2022 |
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| **CLOUD COMPUTING PROJECTS** **IEEE Papers, Java Development, Amazon Web Services (AWS) hosting**  |
| Sno | Title of the Project | Domain & Publishing Year  |
| 1 | Efficient Identity-Based Distributed Decryption Scheme for Electronic Personal Health Record Sharing System | Feb 2021 |
| 2 | Multi-authority Attribute-Based Keyword Search over Encrypted Cloud Data | July-Aug. 1 2021 |
| 3 | SEPDP: Secure and Efficient Privacy Preserving Provable Data Possession in Cloud Storage | May-June 1 2021 |
| 1 | Attribute-Based Cloud Data Integrity Auditing for SecureOutsourced Storage | IEEE-2020 |
| 2 | Achieving Secure and Efficient Dynamic Searchable SymmetricEncryption over Medical Cloud Data | IEEE 2020 |
| 3 | TAFC: Time and Attribute Factors Combined Access Control for Time-Sensitive Data in Public Cloud | IEEE 2020 |
| 4 | Outsourcing Attributed-Based Ranked Searchable Encryption With Revocation for Cloud Storage | IEEE-2020 |
| 5 | SecDedup: Secure Encrypted Data Deduplicatio With Dynamic Ownership Updating | IEEE-2020 |
| 6 | Secure Data De-Duplication Based on Threshold Blind Signature and Bloom Filter in Internet of Things | IEEE-2020 |
| 7 | Traceable and Weighted Attribute-Based Encryption Scheme in the Cloud Environment | IEEE-2020 |
| 8 | Attribute-Based Hybrid Boolean Keyword Search over OutsourcedEncrypted Data | IEEE-2020 |
| 9 | A New Lightweight Symmetric Searchable Encryption Scheme forString Identification | IEEE-2020 |
| 10 | Lightweight Cloud Storage Auditing With DeduplicationSupporting Strong Privacy Protection | IEEE-2020 |
| 11 | Improving Security and Privacy Attribute Based Data Sharing inCloud Computing | IEEE-2020 |
| 12 | Multi-user Verifiable Searchable Symmetric Encryption for CloudStorage | IEEE-2020 |
| 13 | Privacy-Preserving Data Processing with Flexible Access Control | IEEE-2020 |
| 14 | Secure Keyword Search and Data Sharing Mechanism for CloudComputing | IEEE-2020 |
| 1 | Revocable Attribute-Based Encryption Scheme With Efficient Deduplication for Ehealth Systems | IEEEJuly2019 |
| 2 | A Practical Attribute-Based Document Collection Hierarchical Encryption Scheme in Cloud Computing | IEEEApril 2019 |
| 3 | Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data | IEEEApril 2019 |
| 4 | Verifiable and Multi-Keyword Searchable Attribute-Based Encryption Scheme for Cloud Storage | IEEEApril 2019 |
| 5 | Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage | IEEEFebruary 2019 |
| 6 | Extended File Hierarchy Access Control Scheme with Attribute Based Encryption in Cloud Computing | IEEEMarch 2019 |
| 7 | Privacy Preserving Searchable Encryption with Fine-grained Access Control | IEEEJanuary 2019 |
| 8 | Authenticated Medical Documents Releasing with Privacy Protection and Release Control | IEEEApril 2019 |
| 9 | Provable Data Possession with Outsourced Data Transfer | IEEEJanuary 2019 |
| 10 | An Attribute-Based Controlled Collaborative Access Control Scheme for Public Cloud Storage | IEEENovember 2019 |
| 1 | Client Side Secure Image Deduplication Using DICE Protocol | Multimedia Information 28 June 2018 |
| 2 | Combining Data Owner-Side and Cloud-Side Access Control for Encrypted Cloud Storage | Information Forensics August 2018 |
| 3 | SeSPHR: A Methodology for Secure Sharing of Personal Health Records in the Cloud | Internet of Things. June 2018 -2018 |
| 4 | HealthDep: An Efficient and Secure Deduplication Scheme for Cloud-Assisted eHealth Systems | Industrial Informatics-May 2018 |
| 5 | Secure Attribute-Based Signature Scheme With Multiple Authorities for Blockchain in Electronic Health Records Systems | Cloud Computing. February 2018 |
| 6 | Secure Identity-based Data Sharing and Profile Matching for Mobile Healthcare Social Networks in Cloud Computing | Cloud Computing.July 2018 |
| 7 | Semantic-Aware Searching Over Encrypted Data for Cloud Computing | Information forensics and security, September-2018 |
| 8 | An Efficient Ranked Multi-Keyword Search for Multiple Data Owners Over Encrypted Cloud Data | Data Mining-April- 2018 |
| 9 | Efficient and Expressive Keyword Search Over Encrypted Data in Cloud | May-June 1 2018 |
| 10 | Towards Privacy-Preserving Content-Based Image Retrieval in Cloud Computing | Jan.-March 1 2018 |
| 1 | RAAC: Robust and Auditable Access Control With Multiple Attribute Authorities for Public Cloud Storage | Information Forensics And Security-2017 |
| 2 | Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud | Big Data-2017 |
| 3 | A Novel Efficient Remote Data Possession Checking Protocol in Cloud Storage | Information Forensics And Security-2017 |
| 4 | Fast Phrase Search for Encrypted Cloud Storage | Cloud Computing -2017 |
| 5 | Identity-based Remote Data Integrity Checking with Perfect Data Privacy Preserving for Cloud Storage | Information Forensics And Security-2017 |
| 6 | Practical Privacy-Preserving Content-Based Retrieval in Cloud Image Repositories | Cloud Computing -2017 |
| 7 | Provably Secure Key-Aggregate Cryptosystems with Broadcast Aggregate Keys for Online Data Sharing on the Cloud | Computers-2017 |
| 8 | Secure k-NN Query on Encrypted Cloud Data with Multiple Keys | Big Data-2017 |
| 9 | TAFC: Time and Attribute Factors Combined Access Controlfor Time-Sensitive Data in Public Cloud | Services Computing-2017 |
| 10 | SeDaSC: Secure Data Sharing in Clouds | Cloud Computing-2017 |
| 11 | An Efficient and Fine-grained Big Data Access Control Scheme with Privacy-preserving Policy | Big data  |
| 12 | TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud | Cloud Computing-2017 |
| 13 | Elimination of Redundant Data in Cloud with Secured Access Control | Cloud Computing-2017 |
| 14 | Hybrid Secure and Scalable Electronic Health Record Sharing in Hybrid Cloud | Cloud Computing-2017 |
| 15 | Facilitating Secure and Efficient Spatial QueryProcessing on the Cloud | Cloud Computing-2017 |
| 16 | Flexible Data Access Control Based on Trust and Reputation in Cloud Computing | Cloud Computing-2017 |
| 17 | Heterogeneous Data Storage Management with Deduplication in Cloud Computing | BIG DATA-2017 |

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| **ANDROID APP PROJECTS** **Java/Android,** **web services etc... Development** |
| Sno | Title of the Project | Technology |
| CTA01 | Food Diet Control Android App | **ANDROID** |
| CTA02 | BP Monitoring APP | **ANDROID** |
| CTA03 | BISTRO APP | **ANDROID** |
| CTA04 | Exam Fever APP B-Tech Study Data  | **ANDROID** |
| CTA05 | Android College notice board | **ANDROID** |
| CTA06 | E-Voting  | **ANDROID** |
| CTA07 | Offline Gate Material App  | **ANDROID** |
| CTA08 | E-Book App  | **ANDROID** |
| CTA09 | Offline Study Data App  | **ANDROID** |
| CTA10 | College Events APP  | **ANDROID** |
| CTA11 | College App | **ANDROID** |
| CTA12 | Find A B-tech Set In My College  | **ANDROID** |
| CTA13 | Women Safety | **ANDROID** |
| CTA14 | College CR Voting System | **ANDROID** |
| CTA15 | Promoting different Business adds in all Android smart PHONES | **ANDROID** |
| CTA16 | Android Event Scheduler Reminder Application | **ANDROID** |
| CTA18 | Tracking 24 hrs.  | **ANDROID** |
| CTA20 | College Phonebook  | **ANDROID** |
| CTA22 | Master Mind | **ANDROID** |
| CTA23 | Message Reader | **ANDROID** |
| CTA24 | Mobile Attendance | **ANDROID** |
| CTA27 | Personal Book | **ANDROID** |
| CTA28 | Personal Finance Application | **ANDROID** |
| CTA33 | Route Map  | **ANDROID** |
| CTA34 | Attendance Management | **ANDROID** |
| CTA35 | Event Manager  | **ANDROID** |
| CTA36 | Expense Tracker | **ANDROID** |
| CTA40 | Safe Driving Using Mobile Phones | **ANDROID** |
| CTA41 | Blood Contingency | **ANDROID** |
| CTA42 | Bus Tracking | **ANDROID** |
| CTA43 | Online Books | **ANDROID** |
| CTA44 | Auction on Product  | **ANDROID** |
| CTA45 | Android Based Furniture Shopping | **ANDROID** |
| CTA46 | Catering android application | **ANDROID** |
| CTA47 | Products Comparing System | **ANDROID** |
| CTA48 | Movie recommendation system  | **ANDROID** |
| CTA49 | Furniture shopping | **ANDROID** |
| CTA50 | HealthMonitoring | **ANDROID** |
| CTA51 | Online Grocery | **ANDROID** |
| CTA52 | web pharmacy system | **ANDROID** |
| CTA53 | Pack it up and Pass it on | **ANDROID** |
| CTA54 | College Library | **ANDROID** |
| **IoT PROJECTS****IEEE Projects & Live Concepts** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1. | A Prototype for Flood Warning and Management System using Mobile Networks | 18 Jan 2020 |
| 2. | An Efficient Tracking System for Air and Sound Pollution using IoT | March 2020 |
| 3. | An IoT-Based Intelligent System for Real-Time Parking Monitoring and Automatic Billing | 28 May 2020 |
| 4. | Android Application for Advanced Security System based on Voice Recognition, Biometric Authentication, and Internet of Things | 20 February 2020  |
| 5. | Design and Implementation of IoT-Based Smart Home Voice Commands for disabled people using Google Assistant | 31 May 2020 |
| 6. | Design of Low Cost, Energy Efficient, IoT Enabled, Air Quality Monitoring System with Cloud Based Data Logging, Analytics and AI | 26 May 2020 |
| 7. | e-Poultry: An IoT Poultry Management System for Small Farms | 29 May 2020 |
| 8. | IoT based health monitoring system | 6 March 2020 |
| 9. | IoT Based Prepaid Energy Meter | 5 March 2020 |
| 10. | IoT Based Smart Billing and Direction Controlled Trolley | 6 March 2020 |
| 11. | IOT Based Water Management System | 13 February 2020 |
| 12. | IoT Controlled Aquaponic System | 6 March 2020 |
| 13. | Smart Irrigation system using Internet of Things | 24 May 2020 |
| 1 | Analysis of Smart helmets and Designing an IoT based smart helmet A cost effective solution for Riders | 20 June 2019 |
| 2 | An IoT-based Smart Garden with Weather Station System | 24 June 2019 |
| 3 | Design Of A Monitoring System For Waste Management Using IoT | 20 June 2019 |
| 4 | Intelligent Neonatal Monitoring System Based on Android Application using Multi Sensors | 24 June 2019 |
| 5 | IoT Based Safety and Health Monitoring for Construction Workers | 20 June 2019 |
| 6 | IoT based Wireless Controlled Smart Transportation System | 20 June 2019 |
| 7 | IoT Device For Sewage Gas Monitoring And Alert System | 20 June 2019 |
| 8 | Multi view Garbage Collection Estimation Using IoT | 2019 |
| 9 | Smart Garbage Segregation & Management System Using Internet of Things(IoT) | 2019 |
| 10 | The Internet-of-Things based hand gestures using wearable sensors for human machine interaction | 24 June 2019 |
| 11 | IoT Based Door Lock Surveillance System Using Cryptographic Algorithms | 24 June 2019 |
| 12 | Gas Level Detection And Automatic Booking Using IoT | 06 June 2019 |
| 13 | Voice based Automation System for Controlling VariousAppliances using a Mobile Device | 04 July 2019 |
| 14 | Integrated Power Management with Automated Attendance System | 05 September 2019 |
| 15 | Controlling Smart Home Activities Using IoT | 12 September 2019 |
| 16 | Gas Leakage Detection Based on IOT | 02 September 2019 |
| 17 | Automation in Agriculture and IoT | 29 July 2019 |
| 18 | SURE-H: A Secure IoT Enabled Smart Home System | 22 July 2019 |
| 20 | Smart Traffic Light Scheduling in Smart City Using Image and Video Processing | 22 August 2019 |
| 21 | IoT-Based Interactive Dual Mode Smart Home Automation | 07 March 2019 |
| 22 | IoT Based Smart Waste Management System: India prospective | 29 July 2019 |
| 23 | An IoT based smart solution for leaf disease detection | 12 April 2018 |
| 25 | IoT based low cost smart irrigation system | 27 September 2018 |
| 26 | Statistical Analysis of CO2 Emission Based on Road Grade, Acceleration and for Public Utility Vehicles with IoT | 07 May 2018 |
| 27 | Cloud Based Smart Parking System | 27 September 2018 |
| 28 | An Agent-based IoT System for Intelligent Energy Monitoring in Buildings | 26 July 2018 |
| 29 | A Wireless IoT System Towards Gait Detection In Stroke Patients | 17 March 2017 |
| 31 | Advanced IoT Based Combined Remote Health Monitoring and Alarm System | 27 February 2018 |
| 32 | Energy Monitoring and Control Using Internet of Things (IoT) System | 07 June 2018 |
| 33 | IoT based smart crop-field monitoring and automation irrigation system | 28 June 2018 |
| 34 | IoT based Smart Home Automation System using Sensor Node | 21 June 2018 |
| 35 | Location Based Garbage Management System with IoT for Smart City | 20 September 2018 |
| 36 | Developing a Smart Bus for Smart City using IOT Technology | 15 October 2018 |
| 37 | Design and implementation of a low cost system for vehicle safety and location Tracking | 28 June 2018 |
| 38 | A novel and secure smart parking management system (SPMS) based on integration of RFID and IoT | 31 May 2018 |
| 39 | Smart parking using IoT technology | 21 June 2018 |
| 40 | IoT based Car Pollution Detection  | 23 August 2018 |
| 41 | Repeated Data Management Framework for IoT: A Case Study on Weather Monitoring and Forecasting | 21 June 2018 |
| 42 | IoT Based Live Environmental Monitoring Using Embedded Sensors | 22 October 2018 |
| 43 | IoT based Solar Powered Agribot for Irrigation andFarm Monitoring | 2018 |
| 44 | Bus tracking system using RFID & over IoT | IoT |
| 45 | Garbage collection bins overflow indicator using GSM & Ultrasonic sensor Over IoT | IoT |
| 46 | Gas Leakage Monitoring over IoT using GSM, GPS and Wi-Fi Module | IoT |
| 47 | Monitoring four wheeler driving pattern Using GSM GPS & mpu6050 | IoT |
| 48 | Traffic Density Based Traffic Light Waiting System Control | IoT |
| 49 | Smart Dustbin With IoT Notifications Using Arduino  | IoT |
| 50 | IoT Based Urban Water Supply Management System | IoT |
| 51 | Patient health monitoring system Using IoT | IoT |
| 52 | Parking slot monitoring system over IoT | IoT |
| 53 | Implementation of the Driver Drowsiness Detection System | IoT |
| 54 | Analysis of soil moisture data using IoT & KNN algorithm | IoT |
| 55 | Swachh bharat dustbin with wet & dry notifications Over IoT | IoT |
| 56 | Home Automation Using IoT Over Android Phone | IoT |
| 57 | Remote industrial devices control over IoT | IoT |
| 58 | PV solar panel grid and battery voltage monitoring over IoT | IoT |
| 59 | Power quality, continuity and load monitoring over IoT | IoT |
| 60 | Automatic plant irrigation based on soil moisture and monitoring over IoT | IoT |
| 61 | Visitor counter for museums and data posting to IoT | IoT |
| 62 | Underground cable fault distance identifier over internet of things (IoT) platform | IoT |
| 63 | UV light radiation detection and posting data to IoT to warn people | IoT |
| 64 | Minimize the energy consumption at Commercial areas using Energy Saver meter | IoT |
| 65 | Automation of dry-wet dust collection to support over Internet of Things IOT | IoT |
| 66 | Parking slot monitoring over IoT in shopping malls | IoT |
| 67 | QR code based door opening system | IoT |
| 68 | Movable Road Divider For Organized Vehicular Traffic Control With Monitoring Over Internet Of Thing | IoT |
| 69 | Smart Parking system using gate control system | IoT |
| 70 | IoT based Solar Powered Agribot for Irrigation and Farm Monitoring | IoT |
| 71 | Floor mopping robot using IoT | IoT |
| 72 | IoT Electronic Door Opener | IoT |
| 73 | IoT Liquid Level Monitoring System | IoT |
| 74 | IoT Mining Tracking & Worker Safety Helmet | IoT |
| 75 | IoT Streetlight Controller System | IoT |
| 76 | Voice Controlled Robotic Vehicle | IoT |
| 77 | Automated Pill dispenser | IoT |
| 78 | Automatic medicine vending machine Controlled using Android App | IoT |
| 79 | Implementation of Smart College Using Embedded System | IoT |
| 80 | Industry process automation using programmable switching | IoT |

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| **EMBEDDED PROJECTS****IEEE Projects** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Automatic Waste Segregation and Management | 2 June 2020 |
| 1 | An RFID-Enabled Automated Storage and Retrieval System via Microcontroller Stepper Motor Control | 2019 |
| 2 | Wearable Wireless Sensor System With RF Remote Activation for Gas Monitoring Applications | 26 January 2018 |
| 3 | Key binding biometrics-based remote user authentication scheme using smart cards | 19 April 2018 |
| 4 | Toxic Gas Leak Monitoring Alarm System Based on Wireless Sensor Network | 12 April 2018 |
| 5 | Fall Detection System for Labour Safety | 16 August 2018 |
| 6 | Soldier Security and Health Monitoring | 16 August 2018 |
| 7 | Real-Time Analysis and Simulation of Efficient Bus Monitoring System | 01 October 2018 |
| 8 | A novel approach to provide protection for women by using smart security device | 28 June 2018 |
| 9 | IMU based Accident Detection and Intimation System | 17 September 2018 |
| 10 | Smart Stick for the Blind and Visually Impaired People | 27 September 2018 |
| 11 | Traffic Light Controller Using Sound Sensors and Density Sensors | 27 September 2018 |
| 12 | Simple design and implementation of solar tracking system two axis with four sensors | 24 May 2018 |
| 13 | Monitoring System for Solar Panel Using Smartphone Based on Microcontroller | 10 May 2018 (**IoT**) |
| 14 | Detection of a Drowsy state of the Driver on road using wearable sensors: A survey | 27 September 2018 |
| 15 | Implementation model of Wi-Fi based Smart Home System | 23 August 2018 (**IoT**) |
| 16 | Arduino based temperature and humidity control for condensation on wettability engineered surfaces | 09 July 2018 |
| 18 | Alcohol detection for car locking system | 09 July 2018 |
| 19 | Accident and alcohol detection in Bluetooth enabled smart helmets for motorbikes | 27 February 2018 |
| 20 | Efficient Design of a Low Cost Portable Weather Station | 23 August 2018 |
| 21 | Automatic Child Monitoring System | Embedded |
| 22 | Controlling of Traffic Using Movable Road Dividers | Embedded |
| 23 | RFID vehicle tracking system using GSM with SMS alert of GPS location | Embedded |
| 24 | Women Security Assistance system with GPS tracking and messaging system | Embedded |
| 25 | RF Controlled Robotic Vehicle | Embedded |
| 26 | Accident Avoiding System with Crash Detection and GPS Notification | Embedded |
| 27 | Examination room guide using rfid for the jumbling system based exams and gsm | Embedded |
| 28 | Device to device communication using Li-Fi | Embedded |
| 29 | Auto Speed Control Of Vehicle At Specified Locations Like School Zones / Hospitals / Residential Areas | Embedded |
| 30 | Street light Control on moving vehicle | Embedded |
| 31 | Wireless Power Transfer Solution for Smart Charger | 07 May 2018 |
| 32 | Maximum Power Generation Using Solar Panel | Embedded |
| 33 | Fraud Detection In Petrol Bunks Fuel Level Manager | Embedded |
| 34 | Blind Stick Using Arduino with Ultrasonic Sensor | Embedded |
| 35 | Electronic ‘PID’ Controller for Temperature Control | Embedded |
| 36 | Electronic Voter Machine | Embedded |
| 38 | Air Quality Monitoring System Within Campus by Using Wireless Sensor Networks | June 2019 |
| 39 | Implementation of an Image Processing based Smart Parking System using Haar-Cascade Method | April 2019 |
| 40 | Reefer Container Monitoring System | March 2019 |

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| Code | **EEE EMBEDDED** | Domain |
| 1 | AC Power Strength Controller System | Embedded |
| 2 | Accurate Room Temperature Controller Project | Embedded |
| 3 | Advanced Footstep Power Generation System | Embedded |
| 4 | Android Circuit Breaker Project | Embedded |
| 5 | Automatic Speed Control Of Vehicle At School Zones Using IR Sensor | Embedded |
| 6 | Design and development of sms based car engine control system to prevent car theft using gsm modem | Embedded |
| 7 | Feeder Over Load Protection And Auto Trip Off Using Current Transformer And Operational Amplifier | Embedded |
| 8 | Generation Of Electricity Using Road Transport Pressure | Embedded |
| 9 | Four Quadrant Dc Motor Speed Control With Microcontroller | Embedded |
| 10 | Underground Cable Fault Distance Calculator | Embedded |
| 11 | Automatic Active Phase Selector For Uninterrupted Load Run In Rural Areas | Embedded |
| 12 | Solar Highway Lighting System With Auto Turn Off On Day Time | Embedded |
| 13 | Tilt Sensor Based Locker Safety Implementation | Embedded |
| 14 | Commercial Power Saver Project | Embedded |
| 15 | Industry Process Automation Using Programmable Switching | Embedded |
| 16 | Automatic Plant Irrigation Based On Soil Moisture And Monitoring Over Iot | Embedded |
| 17 | Underground Cable Fault Distance Identifier Over Internet Of Things (Iot) Platform | Embedded |
| 18 | Power Quality, Continuity And Load Monitoring Over Iot | Embedded |
| 19 | Public Water Supply Grid Monitoring To Avoid Tampering & Water Man Fraud Using Iot | Embedded |
| 20 | Inverter With Battery Low And Over Load Indicator | Embedded |
| 21 | Implementation Of Recordable Non Volatile Audio Storage System With High Signal To Noise Ratio With 4-8 Khz Sampling Rate Through High Fidelity Condenser Microphone | Embedded |
| 22 | Hand Cranked Dynamo Based Energy Generation System For Emergency Head Lamp Applications For Mining Workers And Engineers Who Work Under Ground And Dark Conditions | Embedded |
| 23 | Coin Operated Milk Dispensing System Using IR Sensor | Embedded |
| 24 | Automatic Public Tap Control System Using IR Sensor To Prevent Wastage Of Water | Embedded |
| 25 | Shunt Compensation Technique For Improved Power Factor By Using Thyristor Switched Capacitor In Flexible AC Transmission Systems | Embedded |
| 26 | Intelligent Automatic Transformer Load Sharing System | Embedded |
| 27 | Miniature Thermal Power Plant Using Tep Transducer For Domestic And Industrial Applications | Embedded |
| 28 | Multi-Power Supply Using 4 Different Sources For No Break Power Supply | Embedded |
| 29 | Camera Based Surveillance System Using Raspberry Pi | Embedded |
| 30 | Bill Prediction &Power Factor Measuring With SMS Alert | Embedded |
| 31 | Womens Safety Device With GPS Tracking &Alerts | Embedded |
| 32 | Ultrasonic Radar Project | Embedded |
| 33 | Sound Activated Switch With Zero False Triggering (CLAP SWITCH) | Embedded |
| 34 | Dtmf Based Appliances Control System For Rural And Agricultural Applications | Embedded |
| 35 | Pc Based Dc Motor Speed And Direction Control Using Pwm And Bridge | Embedded |
| 36 | Voice Transmission Using Frequency Modulation Technique For College Radio Application | Embedded |
| 37 | Wireless Temperature Measurement And Control System Based On MSP430F149 | Embedded |

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| **Raspberry Pi Based Projects** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Real Time Application of Vehicle Anti-Theft Detection and Protection with Shock Using Facial Recognition and IoT Notification | 11 March 2020 |
| 2 | Wheelchair control through eye blinking and IoT platform | 22 February 2020 |
| 3 | IoT based Employee Health Monitoring System | 23 April 2020 |
| 4 | Secured IoT Based Smart Greenhouse System with Image Inspection | 23 April 2020 |
| 5 | Smart Restaurant System using RFID Technology | 23 April 2020 |
| 6 | Facial Detection and Recognition System on Raspberry pi with Enhanced Security | 27 April 2020 |
| 7 | AUTOMATED DETECTION OF DRIVING PATHWAY USING IMAGE PROCESSING | 27 April 2020 |
| 8 | Real Time Vehicle Detection, Tracking and Counting Using Raspberry-Pi | 23 April 2020 |
| 9 | Automatic Identification of Vehicle Plate Number using Raspberry Pi | 27 April 2020 |
| 10 | A safe driving system based-on STM32 | 13 May 2020 |
| 11 | Raspberry pi based Intelligent Reader for Visually Impaired Persons | 23 April 2020 |
| 12 | Luggage Theft Identification And Smart Lock Using Face Recognition | 23 April 2020 |
| 1 | Density Based Smart Traffic Control System Using Canny Edge Detection Algorithm for Congregating Traffic Information | Raspberry Pi |
| 2 | Text and Label Reading using Raspberry Pi and OpenCV | Raspberry Pi |
| 3 | Multiple face detection using OpenCV with Raspberry Pi | Raspberry Pi |
| 4 | Surveillance camera using Raspberry Pi with Open CV | Raspberry Pi |
| 5 | Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning | Raspberry Pi |
| 6 | A Raspberry Pi Controlled Cloud Based Air and Sound Pollution Monitoring System with Temperature and Humidity Sensing | Raspberry Pi |
| 7 | IoT Garbage Monitoring Using Raspberry Pi | Raspberry Pi |
| 8 | Raspberry Pi Air and Noise Pollution Monitoring System Over IoT | Raspberry Pi |
| 9 | Raspberry Pi based Weather Reporting Over IoT | Raspberry Pi |
| 10 | Raspberry Pi based voice-operated personal assistant | 02 September 2019 |
| 11 | Controlling the temperature reactor based on Raspberry Pi system control | 21 June 2018 |
| 12 | Integration Of Face Recognition To Access The Door | Raspberry Pi |
| 13 | Deep Learning for Recognizing Human Activities using Motions of Skeletal Joints | April 2019 |
| 14 | Implementation of an Image Processing based Smart Parking System using Haar-Cascade Method | April 2019 |
| 15 | Text to Speech (TTS) Converter | Raspberry Pi |
| 16 | Home Security System and Door Access Control Based on FaceRecognition | Raspberry Pi |
| 17 | Design of Intelligent Classroom Attendance System Based on Face Recognition | June 2019 |
| 18 | Missing Child Identification System using Deep Learning and Multiclass | February 2019 |
| 19 | A Deep Learning Facial Expression Recognition based Scoring System for Restaurants | March 2019 |
| 20 | Design a Secure Voting System Using Smart Card and Iris Recognition | April 2019 |
| 21 | Women Safety Night Patrolling Robot | Raspberry Pi |
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| **ROBOT BASED PROJECTS** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Design and Analysis of IoT-Based Intelligent Robot for Real-Time Monitoring and Control | 10 June 2020 |
| 2 | Design and Development of IoT based Robotic Arm by using Arduino | 28 May 2020 |
| 1 | Obstacle Avoiding Robot | Robotics |
| 2 | Line Follower Robot | Robotics |
| 3 | Bluetooth Controlled Robot | Robotics |
| 4 | Voice Controlled Robotic Vehicle with Google Assistance | Robotics |
| 5 | Raspberry Pi Surveillance robot with web control | Robotics |
| 6 | Floor mopping robot using IoT | Robotics |
| 7 | RF Controlled Robotic Vehicle | Robotics |
| 8 | Fire Extinguishing Robot | Robotics |
| 9 | RF Based farmer friendly Agricultural Robot with motorized shovel control System with automatic seed dispensing system | Robotics |
| 10 | RF Controlled Metal Detecting Robot with Remote Voice And Image Transmission to assist bomb detection and rescue team (Camera not included) | Robotics |
| 11 | Robots become multi-talented can travel in water, fire, Sand, Stone | Robotics |
| 12 | Self Standing Robot | Robotics |
| 13 | Women Safety Night Patrolling Robot | Robotics |
| 14 | Automatic Vacuum Cleaner Robot | Robotics |
| 15 | Hand Motion Controlled Robotic Vehicle | Robotics |
| 16 | Rough Terrain Beetle Robot | Robotics |
| 17 | Count of count of entry exit passengers Metro Train  | Robotics |
| **SMART INDIA HACKATHON 2020****Hardware Project** |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Smart Traffic Monitoring and controlling | HACKATHON2020 |
| 2 | Smarter Surveillance System | HACKATHON2020 |
| 3 | Build an online system for monitoring water quality, leaks, contamination, and managing pipeline network | HACKATHON2020 |
| 4 | Soldier Strap | HACKATHON2020 |
| 5 | Smart Management of Street lights for Energy Conservation | HACKATHON2020 |
| 6 | Remote Monitoring of the Quality and Portability of Drinking Water Sources | HACKATHON2020 |
| 7 | Solar Powered Smart Irrigation System | HACKATHON2020 |
| 8 | Smart clothes for Security Forces | HACKATHON2020 |
| 9 | Technological advances in LPG sector | HACKATHON2020 |
| 10 | solutions required to address challenges faced in clean water supply | HACKATHON2020 |
| 11 | Solution for initiating some kind of alarm to protect underground fiber while digging the road for construction | HACKATHON2020 |
| 12 | Class Room Attendance Display | HACKATHON2020 |
| 13 | Warning System for Driver | HACKATHON2020 |
| 14 | Cost effective mechanism to treat waste water in small villages | HACKATHON2020 |

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| **UGC-CARE Group 'II' Journals** |
| **S. No** | **JOURNALS NAMES** | **UGC** ISSN/**SERIAL NO** |

1. <http://jicrjournal.com>
2. <http://www.ijaema.com>
3. <http://ijrpublisher.com>
4. <http://j-asc.com>
5. <http://parishodhpu.com>
6. <http://www.ijaema.com>
7. <http://www.joics.org>
8. <http://jicrjournal.com>
9. <http://journalstd.com>