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| List of Projects We are offering for your Academic Project (2019-20) in Various Domains & Technologies |
| From:  Cloud Technologies Team |

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

1. Project Abstract & Explanation.
2. IEEE 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

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| **MACHINE LEARNING PROJECTS**  **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- March 2019 |
| Video | <https://www.youtube.com/watch?v=e2YLnf59nIs> |  |
| 2 | Breast Cancer Prediction Applying Different Classification Algorithm with Comparative Analysis | IEEE Conference January 2019 |
| Video | <https://www.youtube.com/watch?v=gKBVVVf49VQ> |  |
| 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 | A Review on Student Placement Chance Prediction | IEEE Conference  June 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 Conference  June 2019 |
| Video | <https://youtu.be/zqqV6pFOTqw> |  |
| 11 | Machine Learning Based Predictive Analytics of Student Academic Performance in STEM education | IEEE Conference  May 2019 |
| 12 | A Review on Student Placement Chance Prediction | IEEE Conference  June 2019 |
| 13 | Diabetes Prediction Using Different Machine Learning Approaches | IEEE Conference  June 2019 |
| 14 | An Optimization Approach to Improve Classification Performance in Cancer and Diabetes Prediction | IEEE Conference  April 2019 |
| 15 | Design of Intelligent Classroom Attendance System Based on Face Recognition | IEEE Conference  June 2019 |
| Video | <https://youtu.be/X9_n8lhVoFY> |  |
| 16 | Sentiment Analysis Using Machine Learning Classifiers Evaluation of Performance | IEEE Conference  September 2019 |
| Video | <https://youtu.be/8c86rTxQSXU> |  |
| 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 Conference  February 2019 |
| 19 | Higher Education Student Dropout Prediction and Analysis through Educational Data Mining | IEEE Conference  June 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 Conference  April 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** |
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| 1 | Lyrics Classification using Naive Bayes | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=dMocW6nyC0U> |  |
| 2 | Heart Disease Prediction using Machine Learning Classifiers | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=IAxdrPg-xqs> |  |
| 3 | Building Minimal Classification Rules for Breast Cancer Diagnosis Using Python | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=QkuEdbdIQV0> |  |
| 4 | Heart Disease Prediction System sing K-Means Clustering and Naïve Bayes Algorithm using Python | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=hG_p7wXBJVQ> |  |
| 5 | Collaborative Filtering Algorithm Based on Rating Difference and User Interest | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=WoVlRA1sNVM> |  |
| 6 | Review Spam Detection using Machine Learning | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=D2rBxREoSHw> |  |
| 7 | Heart Disease Prediction using Neural Networks | Machine Learning- Oct- 2017 |
| Video | <https://www.youtube.com/watch?v=ef0C8ryR_xA> |  |
| 8 | Comparative Analysis of Classification Approaches for Heart Disease Prediction | Machine Learning- Feb- 2018 |
| Video | <https://www.youtube.com/watch?v=WnENx0JXFCk> |  |
| 9 | Multiple face detection based on machine learning | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=YESDlmAJ5lg> |  |
| 10 | Student Pass Rates Prediction Using Optimized Support Vector Machine and Decision Tree | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=0O7fpYx7NMo> |  |
| 11 | Survey on Sentiment Analysis using Twitter Dataset | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=msEfBoBiAiA> |  |
| 12 | Rainfall Prediction using Hybrid Neural Network approach | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=6uAuxTqAToA> |  |
| 13 | Phishing Web Sites Features Classification Based on Extreme Learning Machine | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=BehtImz3A1s> |  |
| 14 | Comparative Analysis of Classification Approaches for Heart Disease Prediction | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=WnENx0JXFCk> |  |
| 15 | Analysis of neural networks based heart disease prediction system | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=ef0C8ryR_xA> |  |
| 16 | Detection of Online Fake News Using N-Gram Analysis and Machine Learning Techniques | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=ezw8_da7LfA> |  |
| 17 | Increased prediction accuracy in the game of Cricket using machine learning | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=Fug0zyr0C_E> |  |
| 18 | Random Forest for Credit Card Fraud Detection | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=MdLFu2iqCf8> |  |
| 19 | Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning | Machine Learning-May-2018 |
| Video | <https://www.youtube.com/watch?v=kNvsq21539w> |  |

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| **DEEP LEARNING PROJECTS**  **Python Development** | | |
| Sno | Title of the Project | Domain & Publishing Year / Technology |
| 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 |
| Video | <https://www.youtube.com/watch?v=-UbF0yAQQOo> |  |
| 3 | Missing Child Identification System using Deep Learning and Multiclass SVM | IEEE Conference  February 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 |
| Video | <https://www.youtube.com/watch?v=e2YLnf59nIs> |  |
| 2 | Image Based Estimation of Real Food Size for Accurate Food Calorie Estimation | IEEE Conference  April 2019 |
| 3 | Smart Traffic Control System Using Image AI(NON-IEEE) | Python-2018 |
| Video | <https://www.youtube.com/watch?v=UQqcWuCK2Os> |  |
| 4 | Multiple face detection based on machine learning | Python-2018 |
| Video | <https://www.youtube.com/watch?v=YESDlmAJ5lg> |  |
| 5 | Smart Traffic Control System Using Canny Edge Detection Algorithm | Python-2018 |
| Video | <https://www.youtube.com/watch?v=p4rj8jWzz6k> |  |

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| **VIDOE PROCESSING PROJECTS**  **Python Development** | | |
| Sno | Title of the Project | Domain & Publishing Year / Technology |
| 1 | Exploiting Effective Facial Patches for Robust Gender Recognition | IEEE Conference  January 2019 |
| 2 | HERO: Human Emotions Recognition for Realizing Intelligent Internet of Things | IEEE Conference  March 2019 |
| 3 | Efficient Facial Expression Recognition Algorithm Based on Hierarchical Deep Neural Network Structure | IEEE  April 2019 |
| 1 | Smart Traffic Control System Using Image AI(NON-IEEE) | Python-2018 |
| 2 | Multiple face detection based on machine learning | Python-2018 |
| 3 | Human Face Detection and Facial Expression Identification | 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 Conference  February 2019 |
| 2 | Design a Secure Voting System Using Smart Card and Iris Recognition | IEEE Conference  April 2019 |
| Video | <https://www.youtube.com/watch?v=3bA4DO1SGSE> |  |
| 3 | Signboard Detection and Text Recognition Using Artificial Neural Networks | IEEE Conference  August 2019 |
| 1 | Smart Traffic Control System Using Image AI(NO Base Paper) | Artificial intelligence -2018**(Python Development)** |
| Video | <https://www.youtube.com/watch?v=UQqcWuCK2Os> |  |
| 2 | Smart Traffic Control System Using Canny Edge Detection Algorithm | Artificial intelligence -2018**(Python Development)** |
| Video | <https://www.youtube.com/watch?v=p4rj8jWzz6k> |  |
| 3 | An Artificial Intelligence Approach for Predicting Different Types of Stroke | Artificial intelligence -2018 |
| 4 | Artificial Intelligence Based Solarbot | Artificial intelligence -2018 |
| 5 | Determining fake statements made by public figures by means of artificial intelligence | Artificial intelligence -2018 |
| Video | <https://www.youtube.com/watch?v=xGAvLSdXB3E> |  |
| 6 | Prediction Model for Students’ Future Development by Deep Learning and Tensor flow Artificial Intelligence Engine | Artificial intelligence -2018 |
| 7 | Human Face Detection and Facial Expression Identification | Artificial intelligence -2018 |
| Video | <https://www.youtube.com/watch?v=QYWe9tXRsDA> |  |
| 8 | A Web Service to Generate Intelligent Previews of Web Links | Artificial intelligence -2018 |
| Video | <https://www.youtube.com/watch?v=3raKKI-XUyY> |  |
| 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 | Classifying Fake News Articles Using Natural Language Processing to Identify In-Article Attribution as a Supervised Learning Estimator | IEEE- March 2019 |
| 4 | SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors | Natural Language Processing -2017 |
| 5 | Entity linking with a knowledge base issues techniques and solutions | Natural Language Processing -2015 |
| 6 | PPSGen Learning-Based Presentation Slides Generation for Academic Papers | Natural Language Processing -2015 |
| 7 | 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 | Sentiment Analysis of Twitter Data | IEEE Conference  May 2019 |
| 2 | Prediction of thyroid Disease Using Data Mining Techniques | IEEE Conference  June 2019 |
| Video | <https://youtu.be/zqqV6pFOTqw> | Video |
| 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** |
| 1 | Lyrics Classification using Naive Bayes | Data Mining-2018 |
| Video | <https://www.youtube.com/watch?v=p4AjNxNVYQo> |  |
| 2 | Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites | DATA ENGINEERING-August 2018 |
| Video | <https://www.youtube.com/watch?v=ZxxgY9kVeSY> |  |
| 3 | Building Minimal Classification Rules for Breast  Cancer Diagnosis | Data Mining-2018 |
| Video | <https://www.youtube.com/watch?v=zcVNOp__00Y> |  |
| 4 | Centroid-based KNN Query in Mobile Service of LBS | Data Mining-2018 |
| Video | <https://www.youtube.com/watch?v=QBWP7LBzl3E> |  |
| 5 | Relevant Feedback Based Accurate and Intelligent Retrieval on Capturing User Intention for Personalized | Data Mining-2018 |
| Video | <https://www.youtube.com/watch?v=w7mKR80-yfk> |  |
| 6 | A Web Service to Generate Intelligent Previews of Web Links | Data Mining-2018 |
| Video | <https://www.youtube.com/watch?v=3raKKI-XUyY> |  |
| 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 |
| 17 | Privacy-Preserving Location Sharing Services for Social Networks | Data Mining-2016 |
| 18 | DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud | Data Engineering-2016 |
| 19 | Smart Crawler A Two - stage Crawler for Efficiently Harvesting Deep Web Interfaces | Data Mining-2016 |
| 20 | Location Aware Keyword Query Suggestion Based on Document Proximity | Data Mining- 2016 |
| 21 | Fuzzy Random Decision Tree (FRDT) Framework for Privacy Preserving Data Mining | Data Engineering- 2016 |
| 22 | Sentiment Embeddings with Applications to Sentiment Analysis | Data Engineering- 2016 |
| 23 | Medical Decision Making Diagnosis System Integrating k-means and Naïve Bayes algorithms | Data Mining- 2016 |
| 24 | Covering the Sensitive Subjects to Protect Personal Privacy in Personalize Recommendation | Data Mining- 2016 |

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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 | IEEE  April 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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| **CLOUD COMPUTING PROJECTS**  **IEEE Papers, Java Development, Amazon Web Services (AWS) hosting** | | | | |
| Sno | | Title of the Project | | Domain & Publishing Year |
| 1 | Revocable Attribute-Based Encryption Scheme With Efficient Deduplication for Ehealth Systems | | IEEE  July2019 | |
| 2 | A Practical Attribute-Based Document Collection Hierarchical Encryption Scheme in Cloud Computing | | IEEE  April 2019 | |
| 3 | Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data | | IEEE  April 2019 | |
| 4 | Verifiable and Multi-Keyword Searchable Attribute-Based Encryption Scheme for Cloud Storage | | IEEE  April 2019 | |
| 5 | Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage | | IEEE  February 2019 | |
| 6 | Extended File Hierarchy Access Control Scheme with Attribute Based Encryption in Cloud Computing | | IEEE  March 2019 | |
| 7 | Privacy Preserving Searchable Encryption with Fine-grained Access Control | | IEEE  January 2019 | |
| 8 | Authenticated Medical Documents Releasing with Privacy Protection and Release Control | | IEEE  April 2019 | |
| 9 | Provable Data Possession with Outsourced Data Transfer | | IEEE  January 2019 | |
| 10 | An Attribute-Based Controlled Collaborative Access Control Scheme for Public Cloud Storage | | IEEE  November 2019 | |
| 1 | Client Side Secure Image Deduplication Using DICE Protocol | | Multimedia Information 28 June 2018 | |
| Video | <https://www.youtube.com/watch?v=xRGLNb2-0z8> | |  | |
| 2 | Combining Data Owner-Side and Cloud-Side Access Control for Encrypted Cloud Storage | | Information Forensics August 2018 | |
| Video | <https://www.youtube.com/watch?v=JlZrvH8YXq4> | |  | |
| 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 | |
| Video | <https://www.youtube.com/watch?v=bzij1rjCWZI> | |  | |
| 5 | Secure Attribute-Based Signature Scheme With Multiple Authorities for Blockchain in Electronic Health Records Systems | | Cloud Computing. February 2018 | |
| Video | <https://www.youtube.com/watch?v=CadrLRtdpqI> | |  | |
| 6 | Secure Identity-based Data Sharing and Profile Matching for Mobile Healthcare Social Networks in Cloud Computing | | Cloud Computing.  July 2018 | |
| Video | <https://www.youtube.com/watch?v=y2g-BWIOjZI> | |  | |
| 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 Control  for 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 Query  Processing 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 | |
| 18 | A Secure Anti Collusion Data Sharing Scheme for Dynamic Groups in the Cloud | | Parallel And Distributed Systems-2016 | |
| 1 | Circuit ciphertext-policy Attribute-based Hybrid Encryption with verifiable delegation in cloud computing | | Cloud Computing -2016 | |
| 2 | An Efficient File Hierarchy Attribute-Based Encryption Scheme in Cloud Computing | | Cloud Computing -2016 | |
| 3 | Enabling Cloud Storage Auditing With Verifiable Outsourcing of Key Updates | | Cloud Computing- 2016 | |
| 4 | TMACS: A Robust and Verifiable Threshold Multi-Authority Access Control System in Public Cloud Storage | | Parallel And Distributed Systems-2016 | |
| 5 | Conjunctive Keyword Search With Designated Tester and Timing Enabled Proxy Re-Encryption Function for E-Health Clouds | | Cloud Computing- 2016 | |
| 6 | SecRBAC: Secure data in the Clouds | | Cloud Computing- 2016 | |
| 7 | Dual-Server Public-Key Encryption With Keyword Search for Secure Cloud Storage | | Cloud Computing- 2016 | |

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| **IoT PROJECTS**  **IEEE Projects & Live Concepts** | | |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Analysis of Smart helmets and Designing an IoT based smart helmet: A cost effective solution for Riders | IEEE-2019 |
| 2 | An IoT-based Smart Garden with Weather Station System | IEEE-2019 |
| 3 | Design Of A Monitoring System For Waste Management Using IoT | IEEE-2019 |
| 4 | Intelligent Neonatal Monitoring System Based on Android Application using Multi Sensors | IEEE-2019 |
| 5 | IoT Based Safety and Health Monitoring for Construction Workers | IEEE-2019 |
| 6 | IOT based Wireless Controlled Smart Transportation System | IEEE-2019 |
| 7 | IoT Device For Sewage Gas Monitoring And Alert System | IEEE-2019 |
| 8 | MULTIVIEW GARBAGE COLLECTION ESTIMATION USING IOT | IEEE-2019 |
| 9 | Smart Garbage Segregation & Management System Using Internet of Things(IoT) & Machine Learning(ML) | IEEE-2019 |
| 10 | The Internet-of-Things based hand gestures using wearable sensors for human machine interaction | IEEE-2019 |
| 11 | IoT Based Door Lock Surveillance System Using Cryptographic Algorithms | IEEE-2019 |
| 1 | An IoT based smart solution for leaf disease detection | 12 April 2018 |
| 2 | IOT-Based Drone for Improvement of Crop Quality in Agricultural Field | 27 February 2018 |
| 3 | IoT based low cost smart irrigation system | 27 September 2018 |
| 4 | Statistical Analysis of CO2 Emission Based on Road Grade, Acceleration and for Public Utility Vehicles with IoT | 07 May 2018 |
| 5 | Cloud Based Smart Parking System | 27 September 2018 |
| 6 | An Agent-based IoT System for Intelligent Energy Monitoring in Buildings | 26 July 2018 |
| 7 | A Wireless IoT System Towards Gait Detection In Stroke Patients | 17 March 2017 |
| 8 | On Enhancing Accessible Smart Buildings Using IoT | 19 March 2018 |
| 9 | Advanced IOT Based Combined Remote Health Monitoring and Alarm System | 27 February 2018 |
| 10 | Energy Monitoring and Control Using Internet of Things (IoT) System | 07 June 2018 |
| 11 | IoT based smart crop-field monitoring and automation irrigation system | 28 June 2018 |
| 12 | IoT based Smart Home Automation System using Sensor Node | 21 June 2018 |
| 13 | Location Based Garbage Management System with IoT for Smart City | 20 September 2018 |
| 14 | Wireless Power Transfer Solution for Smart Charger | 07 May 2018 |
| 15 | Developing a Smart Bus for Smart City using IOT Technology | 15 October 2018 |
| 16 | Design and implementation of a low cost system for vehicle safety and location Tracking | 28 June 2018 |
| 17 | A novel and secure smart parking management system (SPMS) based on integration of RFID and IoT | 31 May 2018 |
| 18 | Smart parking using IoT technology | 21 June 2018 |
| 19 | IoT based Car Pollution Detection | 23 August 2018 |
| 20 | Repeated Data Management Framework for IoT: A Case Study on Weather Monitoring and Forecasting | 21 June 2018 |
| 21 | IOT Based Live Environmental Monitoring Using Embedded Sensors | 22 October 2018 |
| 22 | IoT Based Smart Security System for Prevention of Industrial Hazards | Mar 2018 |
| 23 | A Raspberry Pi Controlled Cloud Based Air and Sound Pollution Monitoring System with Temperature and Humidity Sensing | 2018 |
| 24 | Bus tracking system using RFID & over IoT | IoT |
| 25 | Garbage collection bins overflow indicator using GSM & Ultrasonic sensor Over IOT | IoT |
| 26 | Gas Leakage Monitoring over IoT using GSM, GPS and Wi-Fi Module | IoT |
| 27 | Monitoring four wheeler driving pattern Using GSM GPS & mpu6050 | IoT |
| 28 | Traffic Density Based Traffic Light Waiting System Control | IoT |
| 29 | Maximum Power Generation Using Solar Panel | IoT |
| 30 | Smart Dustbin With IoT Notifications Using Arduino | IoT |
| 31 | IoT Based Urban Water Supply Management System | IoT |
| 32 | Fraud Detection In Petrol Bunks Fuel Level Manager | IoT |
| 33 | Blind Stick Using Arduino with Ultrasonic Sensor | IoT |
| 34 | Patient health monitoring system Using IoT | IoT |
| 35 | Parking slot monitoring system over IoT | IoT |
| 36 | Implementation of the Driver Drowsiness Detection System | IoT |
| 37 | Electronic ‘PID’ Controller for Temperature Control | IoT |
| 38 | Analysis of soil moisture data using IoT& KNN algorithm | IoT |
| 39 | Swachhbharat dustbin with wet & dry notifications Over IoT | IoT |
| 40 | Electronic Voter Machine | IoT |
| 41 | Home Automation Using IOT Over Android Phone | IoT |
| 42 | Remote industrial devices control over IoT | IoT |
| 43 | PV solar panel grid and battery voltage monitoring over IoT | IoT |
| 44 | Power quality, continuity and load monitoring over IoT | IoT |
| 45 | Automatic plant irrigation based on soil moisture and monitoring over IoT | IoT |
| 46 | Visitor counter for museums and data posting to IoT | IoT |
| 47 | Street light Control on moving vehicle | IoT |
| 48 | Underground cable fault distance identifier over internet of things (IoT) platform | IoT |
| 49 | UV light radiation detection and posting data to IoT to warn people | IoT |
| 50 | Auto Speed Control Of Vehicle At Specified Locations Like School Zones / Hospitals / Residential Areas | IoT |
| 51 | Minimize the energy consumption at Commercial areas using Energy Saver meter | IoT |
| 52 | Automation of dry-wet dust collection to support over Internet of Things IOT | IoT |
| 53 | Parking slot monitoring over IoT in shopping malls | IoT |
| 54 | QR code based door opening system | IoT |
| 55 | Movable Road Divider For Organized Vehicular Traffic Control With Monitoring Over Internet Of Thing | IoT |
| 56 | Smart Parking system using gate control system | IoT |
| 57 | Device to device communication using Li-Fi | IoT |
| 58 | IoT based Solar Powered Agribot for Irrigation and  Farm Monitoring | IoT |
| 59 | Floor mopping robot using IoT | IoT |
| 60 | Examination room guide using rfid for the jumbling system based exams and gsm | IoT |
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| **EMBEDDED PROJECTS**  **IEEE 2018 Projects** | | |
| **S. No** | **Title of the Project** | **Publishing Date** |
| 1 | Wearable Wireless Sensor System With RF Remote Activation for Gas Monitoring Applications | 26 January 2018 |
| 2 | Development of ESP32-based Wi-Fi Electronic Nose System for Monitoring LPG Leakage at Gas Cylinder Refurbish Plant | 01 October 2018 |
| 3 | Toxic Gas Leak Monitoring Alarm System Based on Wireless Sensor Network | 12 April 2018 |
| 4 | Fall Detection System for Labour Safety | 16 August 2018 |
| 5 | Soldier Security and Health Monitoring | 16 August 2018 |
| 6 | Real-Time Analysis and Simulation of Efficient Bus Monitoring System | 01 October 2018 |
| 7 | A novel approach to provide protection for women by using smart security device | 28 June 2018 |
| 8 | IMU based Accident Detection and Intimation System | 17 September 2018 |
| 9 | Smart Stick for the Blind and Visually Impaired People | 27 September 2018 |
| 10 | Traffic Light Controller Using Sound Sensors and Density Sensors | 27 September 2018 |
| 11 | Simple design and implementation of solar tracking system two axis with four sensors | 24 May 2018 |
| 12 | Monitoring System for Solar Panel Using Smartphone Based on Microcontroller | 10 May 2018 (**IoT**) |
| 13 | Detection of a Drowsy state of the Driver on road using wearable sensors: A survey | 27 September 2018 |
| 14 | Implementation model of Wi-Fi based Smart Home System | 23 August 2018 (**IoT**) |
| 15 | Arduino based temperature and humidity control for condensation on wettability engineered surfaces | 09 July 2018 |
| 16 | Controlling the temperature reactor based on Raspberry Pi system control | 21 June 2018 |
| 17 | Alcohol detection for car locking system | 09 July 2018 |
| 18 | Accident and alcohol detection in Bluetooth enabled smart helmets for motorbikes | 27 February 2018 |
| 19 | Efficient Design of a Low Cost Portable Weather Station | 23 August 2018 |
| 20 | Automatic Child Monitoring System | EMBEDDED |
| 21 | Controlling of Traffic Using Movable Road Dividers | EMBEDDED |
| 22 | RFID vehicle tracking system using GSM with SMS alert of GPS location | EMBEDDED |
| 23 | Women Security Assistance system with GPS tracking and messaging system | EMBEDDED |
| 24 | Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning | RASPBERRY PI |
| 25 | Density Based Smart Traffic Control System Using Canny Edge Detection Algorithm for Congregating Traffic Information | RASPBERRY PI |