

**B.Tech CSE Mini Project List (2019-20)**

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| **Android Application**  |
| 1 | Encrypted SMS System | Abstract |
| 2 | Crime Reporter and Missing Person Finder | Abstract |
| 3 | Picture Pattern Lock | Abstract |
| 4 | Inventory Management System using Regression Algorithm | Abstract |
| 5 | Voting System | Abstract |
| 6 | PC controller | Abstract |
| 7 | Hotel Management System | Abstract |
| 8 | Expiry Reminder Application using OCR | Abstract |
| 9 | Merchant Application Using QR | Abstract |
| 10 | Electricity online bill payment system android | Abstract |
| 11 | Mobile Application for College Management System | Abstract |
| 12 | Employee Task Reminder | Abstract |
| 13 | Expense Tracker | Abstract |
| 14 | Mobile Application Interface to Register Citizen Complaint | Abstract |
| 15 | Mobile Application for Student and Faculty Chatting | Abstract |
| 16 | Weather Application | Abstract |
| 17 | Smart Alumni discovery | Abstract |
| 18 | Mobile Super Market | Abstract |
| 19 | Mobile Patient Management System | Abstract |
| **Python** |
| 1 | Twitter Sentimental And News | Abstract |
| 2 | Mobile Recommendation | Abstract |
| 3 | Solar Bike Sharing Demand Prediction System | Abstract |
| 4 | Drug To Drug Interaction Using Rnn | Abstract |
| 5 | Facial Emotion Music Recommendation Using Cnn | Abstract |
| 6 | Fingerprint Based Gender Classification | Abstract |
| 7 | Hand Gesture Recognition System | Abstract |
| **IOT** |
| 1 | Exploring How Privacy and Security Factor into IoT Device Purchase Behavior | 2019 |
| 2 | Introduction to Minitrack on AI, Machine Learning, IOT & Analytics: Exploring The Implications For Knowledge Management And Innovation | 2019 |
| 3 | Analysis of Performance and Energy Consumption of Wearable Devices and Mobile Gateways in IoT Applications | 2019 |
| 4 | The preliminary results of a mapping study of deployment and orchestration for IoT | 2019 |
| 5 | Denial-of-Sleep Attacks against IoT Networks | 2019 |
| **Machine Learning** |
| 1 | Data Validation For Machine Learning | 2019 |
| 2 | Performance Evaluation in Machine Learning: The Good, The Bad, The Ugly and The Way Forward | 2019 |
| 3 | A framework for benchmarking discrimination-aware models in machine learning | 2019 |
| **Cloud Computing** |
| 1 | A Survey on Cloud Computing and Hybrid Cloud | 2019 |
| 2 | Efficient Mobile Cloud Computing through Computation Offloading | 2019 |
| 3 | Reliable Data Distribution Services in Cloud Computing | 2019 |
| 4 | Privacy Preserving Ranked Keyword Search Over Cloud Computing | 2019 |
| 5 | Fog Computing: An Efficient Platform for the Cloud-resource Management | 2019 |
| 6 | An Efficient Virtual Machine Intrusion Detection System on Cloud Computing | 2019 |
| **Data Mining** |
| 1 | Principles of Green Data Mining | 2019 |
| 2 | Diagnosis of Various Thyroid Ailments using Data Mining Classification Techniques | 2019 |
| 3 | Relationship between Regional Economic Development and Ecological Environment Based on Spatial Data Mining | 2019 |
| **Networking and Security** |
| 1 | A Zero Trust Approach to Network Security | 2019 |
| 2 | Darknet Security: A Categorization of Attacks to the Tor Network | 2019 |
| 3 | BSec-NFVO: A Blockchain-based Security for Network Function Virtualization Orchestration | 2019 |
| **Big Data** |
| 1 | Spark-Crowd: A Spark Package for Learning from Crowdsourced Big Data | 2019 |
| 2 | Processing Large Raster and Vector Data in Apache Spark | 2019 |
| 3 | Geospatial Data Management in Apache Spark: A Tutorial | 2019 |
| 4 | Data-driven government: Creating value from Big and Open Linked Data Track: E-government | 2019 |
| 5 | A New Framework For Statistical Thinking In Times Of Big Data And Digital Economy | 2018 |
| **Non-IEEE** |
| 1 | Car Rental System | Abstract |
| 2 | Youth Empowerment Services | Abstract |
| 3 | Medi Tracking | Abstract |
| 4 | E-Procurement | Abstract |
| 5 | Holiday Trip Planner | Abstract |
| 6 | E-learning | Abstract |
| 7 | Music World | Abstract |
| 8 | Government Schemes Alerts | Abstract |
| 9 | E-Billing and Invoice system | Abstract |
| 10 | Search your doctor | Abstract |
| 11 | Hotel Management System | Abstract |
| 12 | E-Classifieds | Abstract |
| 13 | House Rental Management System | Abstract |
| 14 | Net Auctions | Abstract |
| 15 | Online Sales For Ayurvedic And Homeopathi Medicines | Abstract |
| 16 | Online Venue Booking | Abstract |

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