

**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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