

**M.Tech CSE Major Projects List (2020-21)**

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| **Cloud Computing** |
| 1 | Dynamic Priority-based Efficient Resource Allocation and Computing Framework for Vehicular Multimedia Cloud Computing | 2020  |
| 2 | Power consumption model based on feature selection and deep learning in cloud computing scenarios | 2020 |
| 3 | T-BASIR: Finding Shutdown Bugs for Cloud-Based Applications in Cloud Spot Markets | 2020 |
| 4 | HierTrain: Fast Hierarchical Edge AI Learning With Hybrid Parallelism in Mobile-Edge-Cloud Computing | 2020 |
| 5 | Task Scheduling Algorithm Based on Improved Firework Algorithm in Fog Computing | 2020 |
| 6 | Experiment and Availability Analytical Model of Cloud Computing System Based on Backup Resource Sharing and Probabilistic Protection Guarantee | 2020 |
| 7 | SNC: A Cloud Service Platform for Symbolic-Numeric Computation using Just-In-Time Compilation | 2019 |
| 8 | Hadoop MapReduce for Mobile Clouds | 2019 |
| 9 | A Multi-layered Scheme for Distributed Simulations on the Cloud Environment | 2019 |
| 10 | Computing with Nearby Mobile Devices: a Work Sharing Algorithm for Mobile Edge-Clouds | 2019 |
| 11 | Enabling Identity-Based Integrity Auditing and Data Sharing with Sensitive Information Hiding for Secure Cloud Storage | 2018 |
| 12 | Efficient Replica Migration Scheme for Distributed Cloud Storage Systems | 2018 |
| 13 | Secure and Efficient Product Information Retrieval in Cloud Computing | 2018 |
| 14 | Assessment of the Suitability of Fog Computing in the Context of Internet of Things | 2018 |
| 15 | Live Migration in Bare-metal Clouds | 2018 |
| 16 | An Algorithm for Finding the Minimum Cost of Storing and Regenerating Datasets in Multiple Clouds | 2018 |
| 17 | Two-Cloud Secure Database for Numeric-Related SQL Range Queries with Privacy Preserving | 2018 |
| 18 | A Privacy-preserving and Copy-deterrence Content-based Image Retrieval Scheme in Cloud Computing | 2018 |
| 19 | SeDaSC: Secure Data Sharing in Clouds | 2018 |
| 20 |  Block Design-based Key Agreement for Group Data Sharing in Cloud Computing | 2018 |
| 21 | Achieving secure, universal, and fine-grained query results verification for secure search scheme over encrypted cloud data | 2017 |
| 22 | Customer-Satisfaction-Aware Optimal Multi-server Configuration for Profit Maximization in Cloud Computing | 2017 |
| 23 | Efficient and Expressive Keyword Search Over Encrypted Data in Cloud | 2017 |
| 24 | Fast Phrase Search for Encrypted Cloud Storage | 2017 |
| 25 | Identity-Based Data Outsourcing with Comprehensive Auditing in Clouds | 2017 |
| 26 | Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing | 2017 |
| 27 | Privacy Protection based Access Control Scheme in Cloud-based Services | 2017 |
| 28 | RAAC Robust and Auditable Access Control with Multiple Attribute Authorities for Public Cloud Storage | 2017 |
| 29 | A Collaborative Key Management Protocol in Ciphertext Policy Attribute-Based Encryption for Cloud Data Sharing | 2017 |
| 30 | Securing Cloud Data Under Key Exposure | 2017 |
| 31 | A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing | 2017 |
| 32 | Secure Data Sharing and Searching at the Edge of Cloud-Assisted Internet of Things | 2017 |

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