

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

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| **Networking and Security** | | |
| 1 | IT and Multi-layer Online Resource Allocation and Offline Planning in Metropolitan Networks | 2020 |
| 2 | RouteNet: Leveraging Graph Neural Networks for network modeling and optimization in SDN | 2020 |
| 3 | Encrypted Network Traffic Classification Using Deep and Parallel Network-In-Network Models | 2020 |
| 4 | Verifying Rule Enforcement in Software Defined Networks With REV | 2020 |
| 5 | Secure Communications in Cooperative D2D Networks by Jointing Wyner’s Code and Network Coding | 2019 |
| 6 | A New Architecture for Network Intrusion Detection and Prevention | 2019 |
| 7 | Deep Learning Approach for Intelligent Intrusion Detection System | 2019 |
| 8 | An Effective Exponential-Based Trust and Reputation Evaluation System in Wireless Sensor Networks | 2019 |
| 9 | HiAuth: Hidden Authentication for Protecting Software Defined Networks | 2019 |
| 10 | Software Defined Mission-Critical Wireless Sensor Network: Architecture and Edge Offloading Strategy | 2019 |
| 11 | Enhancing Information Resilience in Disruptive Information-Centric Networks | 2018 |
| 12 | Ghost Riders: Sybil Attacks on Crowdsourced Mobile Mapping Services | 2018 |
| 13 | Secure Range Search over Encrypted Uncertain IoT Outsourced Data | 2018 |
| 14 | Achieving Scalable Access Control Over Encrypted Data for Edge Computing Networks | 2018 |
| 15 | Distributed Channel Access, Relay Selection and Time Assignment for QoE-Aware Relay Networks | 2018 |
| 16 | Securing Ad-hoc On-Demand Distance Vector Protocol in Wireless Sensor Networks | 2018 |
| 17 | An Overlay Architecture for Throughput Optimal Multipath Routing | 2017 |
| 18 | Network Capability in Localizing Node Failures via End-to-End Path Measurements | 2017 |
| 19 | Routing in Accumulative Multi-Hop Networks | 2017 |
| 20 | Uncertain Data Clustering in Distributed Peer-to-Peer Networks | 2017 |
| 21 | Socially-Driven Learning-Based Pre-fetching in Mobile Online Social Networks | 2017 |
| 22 | A Coalition Formation Game for Distributed Node Clustering in Mobile Ad Hoc Networks | 2017 |
| 23 | Location Privacy Preservation in Database-driven Wireless Cognitive Networks through Encrypted Probabilistic Data Structures | 2017 |
| 24 | High Throughput Opportunistic Cooperative Device-to-Device Communications With Caching | 2017 |

HeadOffice: #202 2nd Floor, Pancom Business Center Opp, Chennai Shopping Mall, Ameerpet, Hyderabad 040-44433434 Mail-id: ramu.krest@gmail.com,www.kresttechnology.com