TechWiz

NS-2 Based IEEE Research based Project Titles for M.E./M.Tech Scholors

S.No.	Project Title
1	Dynamics of Network Connectivity in Urban Vehicular Networks
2	Delaying Transmissions in Data Communication Networks to Improve Transport-Layer Performance
3	Performance Modeling of Message Dissemination In Vehicular Ad Hoc Networks with Priority
4	A Region-Based Clustering Mechanism for Channel Access in Vehicular Ad Hoc Networks
5	An Attribute-Based Access Control System for Emergency Services over Vehicular Ad Hoc Networks
6	Sybil Attacks Detection in Vehicular Ad Hoc Networks
7	RSU-Based Distributed Key Management (RDKM) For Secure Vehicular Multicast Communications
8	Design and Evaluation of a Proxy Cache for Peer-to-Peer Traffic
9	Exploiting Heterogeneity in P2P Video Streaming
10	A Finite-Time Reputation System for Cooperation in Wireless Ad

	Hoc Networks
11	Dynamics of Malware Spread in Decentralized Peer-to-Peer Networks
12	A Security Architecture Achieving Anonymity and Traceability in Wireless Mesh Networks
13	Modeling and Detection of Camouflaging Worm
14	Comparative Evaluation of Spoofing Defenses
15	A Policy Enforcing Mechanism for Trusted Ad Hoc Networks
16	Fast Detection of Mobile Replica Node Attacks in Wireless Sensor Networks Using Sequential Hypothesis Testing
17	Fault Localization Using Passive End-to-End Measurements and Sequential Testing for Wireless Sensor Networks
18	Fast Data Collection in Tree-Based Wireless Sensor Networks
19	On Reliable Broadcast in Low Duty-Cycle Wireless Sensor Networks
20	Efficient Data Collection in Wireless Sensor Networks with Path-Constrained Mobile Sinks
21	A Privacy-Preserving Location Monitoring System for Wireless Sensor Networks
22	Estimating Parameters of Multiple Heterogeneous Target Objects Using Composite Sensor Nodes
23	Stateless Multicast Protocol for Ad-Hoc Networks
24	Localization of Mobile Nodes in Wireless Networks with Correlated in Time Measurement Noise
25	Network Connectivity with a Family of Group Mobility Models
26	Dynamic Conflict-Free Transmission Scheduling for Sensor Network Queries

27	Throughput Optimization in Mobile Backbone Networks
28	Explicit Congestion Control Algorithms for Time Varying Capacity Media
29	Modeling and Improving TCP Performance over Cellular Link with Variable Bandwidth
30	A Control-Theoretic Approach to Distributed Optimal Configuration of 802.11 WLANs
31	Endpoint-Based Call Admission Control and Resource Management for VoWLAN
32	Spatial-Temporal Coverage Optimization in Wireless Sensor Networks
33	Supporting Efficient and Scalable Multicasting over Mobile Ad Hoc Networks
34	Delay Analysis and Optimality of Scheduling Policies for Multi-Hop Wireless Networks
35	Efficient Data Collection in Wireless Sensor Networks with Path-Constrained Mobile Sinks
36	Flexible Broadcasting of Scalable Video Streams to Heterogeneous Mobile Devices
37	A Medium Access Control Scheme for Wireless LANs with Constant-Time Contention
38	Design of Efficient Multicast Protocol for IEEE 802.11n WLANs and Cross-Layer Optimization for Scalable Video Streaming
39	Modeling Nonsaturated IEEE 802.11 DCF Networks Utilizing an Arbitrary Buffer Size
40	Wireless Fountain Coding with IEEE 802.11e Block ACK for Media Streaming in

	Wireline-cum-WiFi Network: A Performance Study
41	An Analysis of IEEE 802.11 DCF and Its Application to Energy-Efficient Relaying in Multi-Hop Ad-Hoc Networks
42	A Practical Adaptive Pacing Scheme for TCP in Multihop Wireless Networks
43	Stealthy Attacks in Wireless Ad Hoc Networks: Detection and Countermeasure
44	On the Effectiveness of Monitoring for Intrusion Detection in Mobile Ad Hoc Networks
45	Secure High-Throughput Multicast Routing in Wireless Mesh Networks
46	Secret Key Establishment Using Temporally and Spatially Correlated Wireless Channel Coefficients
47	Secure Multihop Network Programming with Multiple One-Way Key Chains
48	Energy-Efficient Multicasting of Scalable Video Streams Over WiMAX Networks
49	Superchunk-Based Efficient Search in P2P-VoD System
50	Simple Model for Chunk-Scheduling Strategies in P2P Streaming
51	Monitoring the Impact of P2P Users on a Broadband Operator's Network over Time
52	Link-State Routing With Hop-by-Hop Forwarding Can Achieve Optimal Traffic Engineering
53	A Unified Approach to Optimizing Performance in Networks Serving Heterogeneous Flows
54	Using Link Gradients to Predict the Impact of Network Latency on Multitier

	Applications
55	Impact of File Arrivals and Departures on Buffer Sizing in Core Routers
56	Efficient Network Modification to Improve QoS Stability at Failures
57	Anomalous Loss Performance for Mixed Real-Time and TCP Traffic in Routers With Very Small Buffers
58	Fast Recovery From Dual-Link or Single-Node Failures in IP Networks Using Tunneling
59	An Optimal Algorithm for Relay Node Assignment in Cooperative Ad Hoc Networks
60	The Limit of Information Propagation Speed in Large-Scale Multihop Wireless Networks
61	Detecting Communities in Sparse MANETs
62	A Simple Critical-Load-Based CAC Scheme for IEEE 802.11 DCF Networks
63	On the Price of Security in Large-Scale Wireless Ad Hoc Networks
64	Prediction or Not? An Energy-Efficient Framework for Clustering-Based Data Collection in Wireless Sensor Networks
65	Churn-Resilient Protocol for Massive Data Dissemination in P2P Networks
66	Load Balance with Imperfect Information in Structured Peer-to-Peer Systems
67	The Asymptotic Behavior of Minimum Buffer Size Requirements in Large P2P Streaming Networks
68	Privacy in VoIP Networks: Flow Analysis Attacks and Defense
69	Mechanism Design-Based Secure Leader Election Model Intrusion Detection in MANET

70	Blocking Misbehaving Users in Anonymizing Networks
71	Mechanism Design-Based Secure Leader Election Model for Intrusion Detection in MANET
72	Loss Performance Modeling for Hierarchical Heterogeneous Wireless Networks With Speed-Sensitive Call Admission Control
73	Communication Cost Minimization in Wireless Sensor and Actor Networks for Road Surveillance
74	Improving the Performance of Wireless Ad Hoc Networks Through MAC Layer Design
75	Optimal Selective Forwarding for Energy Saving in Wireless Sensor Networks
76	Transient Analysis of IEEE 802.15.4 Sensor Networks

- Research Project assistance for M.E./M.Tech Students
- Project Report/Thesis development for all engineering domain
- Research Paper presentation and patent Consultancy
- Placement guidance for engineering students

TechWiz Indore

303,3rd floor Madhur View,Tower Chouraha-Bhawarkuan Road

Near ICICI Bank, Indore. (M.P.)

Phone: 0731-4074322

Mobile: +91-9691901570, +91-9977728991, +91-9926668897

Website : www.tech-wiz.co.in Email: info@tech-wiz.co.in

TechWiz Bhopal

195,Mandakini Socity,behind Reliance fresh, Near My Car.

Kolar Road,Bhopal.(M.P.)

Mobile: +91-9691901570, +91-9977728991,+919926668897

Website : www.tech-wiz.co.in Email: info@tech-wiz.co.in