



# IEEE 2015-2016 NS2 TITLES

BE, B.TECH, ME, M.TECH, MSC, MCA PROJECTS

**Abstract:**

**Introduction:**

**Literature Survey:**

**System Analysis:**

**Existing System:**

**Disadvantages:**

**Proposed System:**

**Advantages:**

**System Requirements:**

**Block Diagram:**

**Dataflow Diagram:**

**UML Diagrams:**

**Use Case Diagram:**

**Class Diagram:**

**Sequence Diagram:**

**Activity Diagram:**

**Implementation:**

**Modules Description:**

**System Study:**

**System Testing:**

**Software Description:**

**Sample code:**

**Conclusion:**

**References:**

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NS2 PROJECT TITLES	DOMAIN	YEAR
Delay Optimization and Cross-Layer Design in Multihop Wireless Networks With Network Coding and Successive Interference Cancellation	NS2	APR/2015
Power Control and Soft Topology Adaptations in Multihop Cellular Networks With Multi-Point Connectivity	NS2	MAR/2015
Statistical Dissemination Control in Large Machine-to-Machine Communication Networks	NS2	APR/2015
Dynamic Openflow-Controlled Optical Packet Switching Network	NS2	APR/2015
Toward Transparent Coexistence for Multihop Secondary Cognitive Radio Networks	NS2	MAY/2015
Distributed Denial of Service Attacks in Software-Defined Networking with Cloud Computing	NS2	APR/2015
Privacy-Preserving Detection of Sensitive Data Exposure	NS2	APR/2015
Authentication Handover and Privacy Protection in 5G HetNets Using Software-Defined Networking	NS2	APR/2015
Neighbor Similarity Trust against Sybil Attack in P2P E-Commerce	NS2	MAR/2015
Security-Aware Relaying Scheme for Cooperative Networks With Untrusted Relay Nodes	NS2	MAR/2015
Improving Physical-Layer Security in Wireless Communications Using Diversity Techniques	NS2	MAR/2015
Game-Theoretic Topology Control for Opportunistic Localization in Sparse Underwater Sensor Networks	NS2	MAY/2015
Interference-Based Topology Control Algorithm for Delay-Constrained Mobile Ad Hoc Networks	NS2	APR/2015
Self-Organizing Resource Management Framework in OFDMA Femtocells	NS2	APR/2015
Joint Optimal Data Rate and Power Allocation in Lossy Mobile Ad Hoc Networks with Delay-Constrained Traffics	NS2	APR/2015
Max Contribution An Online Approximation of Optimal Resource Allocation in Delay Tolerant Networks	NS2	MAR/2015
A Distributed Fault-Tolerant Topology Control Algorithm for Heterogeneous Wireless Sensor Networks	NS2	APR/2015
Adaptive Algorithms for Diagnosing Large-Scale Failures in Computer Networks	NS2	MAR/2015

Authenticated Key Exchange Protocols for Parallel Network File Systems	NS2	APR/2015
Distributed Sensing for High-Quality Structural Health Monitoring Using WSNs	NS2	APR/2015
Exploiting Efficient and Scalable Shuffle Transfers in Future Data Center Networks	NS2	APR/2015
Improving the Network Lifetime of MANETs through Cooperative MAC Protocol Design	NS2	APR/2015
Joint Virtual MIMO and Data Gathering for Wireless Sensor Networks	NS2	APR/2015
Secrecy Capacity Optimization via Cooperative Relaying and Jamming for WANETs	NS2	MAR/2015
Secure and Reliable Routing Protocols for Heterogeneous Multihop Wireless Networks	NS2	MAR/2015
Shared Authority Based Privacy-Preserving Authentication Protocol in Cloud Computing	NS2	MAR/2015
Cost-Aware SEcure Routing (CASER) Protocol Design for Wireless Sensor Networks	NS2	APR/2015
Routing Pressure A Channel-Related and Traffic-Aware Metric of Routing Algorithm	NS2	MAR/2015
Wormhole Attack Detection Algorithms in Wireless Network Coding Systems	NS2	MAR/2015
Passive IP Traceback Disclosing the Locations of IP Spoofers From Path Backscatter	NS2	MAR/2015