

NS2/NS3 IEEE 2015-16-17 Project Titles List

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Sr. No.	Paper ID	Paper Title	Year	Domain
1.	GNW00001	ZigBee Wireless Dynamic Sensor Networks Feasibility Analysis and Implementation Guide	2016-17	WSN
2.	GNW00002	Has Time Come to Switch From Duty-Cycled MAC Protocols to Wake-Up Radio for Wireless Sensor Networks	2016-17	WSN
3.	GNW00003	Hybrid Network Coding for Unbalanced Slotted ALOHA Relay Networks	2016-17	WSN
4.	GNW00004	Intercept Behavior Analysis of Industrial Wireless Sensor Networks in the Presence of Eavesdropping Attack	2016-17	WSN
5.	GNW00005	Low-Cost Localization for Multi-Hop Heterogeneous Wireless Sensor Networks	2016-17	WSN
6.	GNW00006	Low-Energy Adaptive Clustering Hierarchy Using Affinity Propagation for Wireless Sensor Networks	2016-17	WSN
7.	GNW00007	Markov Decision Process Based Switching Algorithm for Sustainable Rechargeable Wireless Sensor Networks	2016-17	WSN
8.	GNW00008	Maximum-Profit Two-Sided Pricing in Service Platforms Based on Wireless Sensor Networks	2016-17	WSN
9.	GNW00009	Mobile Coordinated Wireless Sensor Network An Energy Efficient Scheme for Real-Time Transmissions	2016-17	WSN
10.	GNW00010	Multi-Path Link Embedding for Survivability in Virtual Networks	2016-17	WSN
11.	GNW00011	Novel Design of Secure End-to-End Routing Protocol in Wireless Sensor Networks	2016-17	WSN

12.	GNW00012	On Capacity and Delay of Multi-channel Wireless Networks with Infrastructure Support	2016-17	WSN
13.	GNW00013	On energy hole and coverage hole avoidance in underwater wireless sensor networks	2016-17	WSN
14.	GNW00014	On the Interaction between Scheduling and Compressive Data Gathering in Wireless Sensor Networks	2016-17	WSN
15.	GNW00015	Opportunistic Function Computation for Wireless Sensor Networks	2016-17	WSN
16.	GNW00016	Optimal and Near-Optimal Cooperative Routing and Power Allocation for Collision Minimization in Wireless Sensor Networks	2016-17	WSN
17.	GNW00017	Optimal Distributed Controllers Realizable Over Arbitrary Networks	2016-17	WSN
18.	GNW00018	Performance Analysis of Incoherent RF Tomography Using Wireless Sensor Networks	2016-17	WSN
19.	GNW00019	Rate-distortion Balanced Data Compression for Wireless Sensor Networks	2016-17	WSN
20.	GNW00020	RSSI-based Localization through Uncertain Data Mapping for Wireless Sensor Networks	2016-17	WSN
21.	GNW00021	Software Defined Management of Edge as a Service Networks	2016-17	WSN
22.	GNW00022	Wireless Powered Sensor Networks Collaborative Energy Beam forming Considering Sensing and Circuit Power Consumption	2016-17	WSN

23.	GNW00023	Parallel Genetic Algorithm for the Set Cover Problem and Its Application to Large-Scale Wireless Sensor Networks2016(1)	2016-17	WSN
24.	GNW00024	Energy-Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks	2016-17	WSN
25.	GNW00025	Energy-Efficient Clustering Using Correlation and Random Update based on Data Change Rate for Wireless Sensor Networks	2016-17	WSN
26.	GNW00026	Energy Efficient Switch-based Packet Forwarding for Low Duty-Cycle Wireless Sensor Networks	2016-17	WSN
27.	GNW00027	Energy Efficient Direction Based PDORP Routing Protocol For WSN	2016-17	WSN
28.	GNW00028	Energy Efficient Beacon Based Synchronization for Alarm Driven Wireless Sensor Networks	2016-17	WSN
29.	GNW00029	Empirical Path Loss Models for Wireless Sensor Network Deployments in Short and Tall Natural Grass Environments	2016-17	WSN
30.	GNW00030	Efficient Charging of Access Limited Wireless Underground Sensor Networks	2016-17	WSN
31.	GNW00031	E2R2 Energy-Efficient and Reliable Routing for Mobile Wireless Sensor Networks	2016-17	WSN
32.	GNW00032	Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Networks	2016-17	WSN
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37.	GNW00037	Analysis of a Subset Selection Scheme for Wireless Sensor Networks in Time-Varying Fading Channels	2016-17	WSN
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41.	GNW00041	A Survey on Gas Leakage Source Detection and Boundary Tracking with Wireless Sensor Networks	2016-17	WSN
42.	GNW00042	A Study on Data Loss Compensation of a Study on Data Loss Compensation of WiFi- based Wireless Sensor Networks for Structural Health Monitoring	2016-17	WSN
43.	GNW00043	A Decentralized Damage Detection System for Wireless Sensor and Actuator Networks	2016-17	WSN
44.	GNW00044	A Clustering-tree Topology Control Based on the Energy Forecast for Heterogeneous Wireless Sensor Networks	2016-17	WSN

45.	GNW00045	A Bayesian Perspective on Multiple Source Localization in Wireless Sensor Networks	2016-17	WSN
46.	GNW00046	An Efficient Time Slot Acquisition on the Hybrid TDMACSMA Multi-channel MAC in VANETs	2016-17	VANET
47.	GNW00047	Control Plane Optimization in Software Defined Vehicular Ad-Hoc Networks	2016-17	VANET
48.	GNW00048	Cooperative Data Scheduling in Hybrid Vehicular Ad Hoc Networks VANET as a Software Defined Network	2016-17	VANET
49.	GNW00049	Cost-efficient Sensory Data Transmission in Heterogeneous Software Defined Vehicular Networks	2016-17	VANET
50.	GNW00050	Dependability of Decentralized Congestion Control for varying VANET density	2016-17	VANET
51.	GNW00051	Development and Testing of a 3GLTE Adaptive Data Collection System in Vehicular Networks	2016-17	VANET
52.	GNW00052	DIVERT A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance	2016-17	VANET
53.	GNW00053	Dual Authentication and Key Management Techniques for Secure Data Transmission in Vehicular Ad Hoc Networks	2016-17	VANET
54.	GNW00054	Event Notification in VANET with Capacitated Roadside Units	2016-17	VANET
55.	GNW00055	GeOpps-N Opportunistic Routing for VANET in a Public Transit System	2016-17	VANET
56.	GNW00056	PTMAC A Prediction-based TDMA MAC Protocol for Reducing Packet Collisions in VANET	2016-17	VANET
57.	GNW00057	REPLACE A Reliable Trust-based Platoon	2016-17	VANET

		Service Recommendation Scheme in VANET		
58.	GNW00058	Stability Challenges and Enhancements for Vehicular Channel Congestion Control Approaches	2016-17	VANET
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60.	GNW00060	A Proposed Wireless System to Real Time Monitoring in Power Transformer	2016-17	ZigBee
61.	GNW00061	ART: Adaptive Frequency-Temporal co-existing of ZigBee and WiFi	2016-17	ZigBee
62.	GNW00062	Design and Implementation of a Low-Cost Prototype System for Continuous Monitoring of Electric Fields Generated by Mobile Base Stations in The 850 MHz and 1900 MHz Frequency Bands	2016-17	ZigBee
63.	GNW00063	Ghost-in-ZigBee: Energy Depletion Attack on ZigBee based Wireless Networks	2016-17	ZigBee
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66.	GNW00066	Low-power wearable ECG monitoring system for multiple-patient remote monitoring	2016-17	ZigBee
67.	GNW00067	M2M Encountering Collaborative Localization via Instant Inter-Particle Filter Data Fusion	2016-17	ZigBee

68.	GNW00068	Opportunistic Shortcut Tree Routing in ZigBee Networks	2016-17	ZigBee
69.	GNW00069	wireless sensing system for flexible arrayed potentiometric sensor based on Zigbee module	2016-17	ZigBee
70.	GNW00070	ZigBee Wireless Dynamic Sensor Networks Feasibility Analysis and Implementation Guide	2016-17	ZigBee
71.	GNW00071	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks	2016-17	MANET
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73.	GNW00073	Distributed and Adaptive Medium Access Control for Internet-of-Things-Enabled Mobile Networks (2)	2016-17	MANET
74.	GNW00074	Optimal Capacity-Delay Trade-off in MANETs with Correlation of Node Mobility	2016-17	MANET
75.	GNW00075	Traffic Load Adaptive Medium Access Control for Fully-Connected Mobile Ad Hoc Networks	2016-17	MANET
76.	GNW00076	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks	2015-16	WSN
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79.	GNW00079	Optimal Multicast Capacity and Delay Tradeoffs in MANETs	2015-16	MANET
80.	GNW00080	RBTP: Low-Power Mobile Discovery Protocol through Recursive Binary Time Partitioning	2015-16	WSN

81.	GNW00081	Snapshot and Continuous Data Collection in Probabilistic Wireless Sensor Networks	2015-16	WSN
82.	GNW00082	ALBA-R: Load-Balancing Geographic Routing Around Connectivity Holes in Wireless Sensor Networks	2015-16	WSN
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87.	GNW00087	An Energy-Balanced Routing Method Based on Forward-Aware Factor for Wireless Sensor Networks	2015-16	WSN
88.	GNW00088	Distributed Deployment Algorithms for Improved Coverage in a Network of Wireless Mobile Sensors	2015-16	WSN
89.	GNW00089	R3E: Reliable Reactive Routing Enhancement for Wireless Sensor Networks	2015-16	WSN
90.	GNW00090	Sleep Scheduling for Geographic Routing in Duty-Cycled Mobile Sensor Networks	2015-16	WSN
91.	GNW00091	AASR: An Authenticated Anonymous Secure Routing Protocol for MANETs in Adversarial Environment	2015-16	MANET
92.	GNW00092	PSR: A Lightweight Proactive Source Routing Protocol for Mobile Ad Hoc Networks	2015-16	WSN
93.	GNW00093	VSPN: VANET-Based Secure and Privacy-Preserving Navigation	2015-16	VANET
94.	GNW00094	Joint Routing and Medium Access Control in Fixed Random Access Wireless Multihop Networks	2015-16	WSN

95.	GNW00095	Data Density Correlation Degree Clustering Method for Data Aggregation in WSN	2015-16	WSN
96.	GNW00096	Defending Against Collaborative Attacks by Malicious Nodes in MANETs: A Cooperative Bait Detection Approach	2015-16	MANET
97.	GNW00097	STARS: A Statistical Traffic Pattern Discovery System for MANETs	2015-16	MANET
98.	GNW00098	Adaptive Position Update for Geographic Routing in Mobile Ad Hoc Networks.	2015-16	WSN
99.	GNW00099	An Efficient and Robust Addressing Protocol for Node Auto-configuration in Ad Hoc Networks.	2015-16	WSN
100.	GNW00100	BAHG: Back-Bone-Assisted Hop Greedy Routing for VANET's City Environments	2015-16	VANET
101.	GNW00101	Discovery and Verification of Neighbor Positions in Mobile Ad Hoc Networks.	2015-16	WSN
102.	GNW00102	EAACK—A Secure Intrusion-Detection System for MANETs.	2015-16	MANET
103.	GNW00103	Enhanced OLSR for Defense against DOS Attack in Ad Hoc Networks.	2015-16	WSN
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106.	GNW00106	ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs.	2015-16	MANET
107.	GNW00107	Back-Pressure-Based Packet-by-Packet Adaptive Routing in Communication Networks.	2015-16	WSN
108.	GNW00108	DCIM: Distributed Cache Invalidation Method for Maintaining Cache Consistency in Wireless Mobile Networks.	2015-16	WSN

109.	GNW00109	Efficient Algorithms for Neighbor Discovery in Wireless Networks.	2015-16	WSN
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117.	GNW00117	Based on Zig Bee Wireless Sensor Network the Monitoring System Design for Chemical Production Process Toxic and Harmful Gas.	2015-16	WSN
118.	GNW00118	The Role of Wireless Sensor Networks (WSNs) In Industrial Oil & Gas Condition Monitoring.	2015-16	WSN
119.	GNW00119	The network nodes design of gas wireless Sensor monitor.	2015-16	WSN
120.	GNW00120	The Research of Carbon Dioxide Gas Monitoring Platform based on the Wireless Sensor Networks.	2015-16	WSN
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		Sensor Network.		
122.	GNW00122	Design of Wireless Sensor Networks for Density of Natural Gas.	2015-16	WSN
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130.	GNW00130	The Application of Zigbee Based Wireless Sensor Network and GIS in the Air Pollution Monitoring.	2015-16	WSN
131.	GNW00131	Topology Control in Mobile AD HOC Networks with Cooperative Communications.	2015-16	WSN

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