

**NS2**

<b>S.No</b>	<b>Title</b>	<b>Year</b>
<b>WIRELESS SENSOR NETWORK (WSN)</b>		
1	A Secure and Efficient ID-Based Aggregate Signature Scheme for Wireless Sensor Networks	2017
2	E2HRC- An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks	2017
3	Lightweight and integrity-protecting oriented data aggregation scheme for wireless sensor networks	2017
4	Lightweight Three-Factor Authentication and Key Agreement Protocol for Internet-Integrated Wireless Sensor Networks	2017
5	An Improved Routing Algorithm Based on Ant Colony Optimization in Wireless Sensor Networks	2017
6	Optimization of Watchdog Selection in Wireless Sensor Networks	2017
7	Load Balanced Coverage with Graded Node Deployment in Wireless Sensor Networks	2017
8	Adaptive Code Dissemination Based on Link Quality in Wireless Sensor Networks	2017
9	DISTY: Dynamic Stochastic Time Synchronization for Wireless Sensor Networks	2017
10	Energy-Efficient Abnormal Nodes Detection and Handlings in Wireless Sensor Networks	2017
<b>VEHICULAR Ad-Hoc NETWORK (VANET)</b>		
1	AFLAS: An Adaptive Frame Length Aggregation Scheme for Vehicular Networks	2017
2	REPLACE: A Reliable Trust-Based Platoon Service Recommendation Scheme in VANET	2017
3	CANCORE: Context-Aware Network Coded Repetition for VANETs	2017

## LABTECH INNOVATIONS™

**Date: 09.09.2017**

- 4 Enhancing Security and Privacy for Identity-Based Batch Verification Scheme in VANETs 2017
- 5 Channel Prediction Based Scheduling for Data Dissemination in VANETs 2017
- 6 Distributed Aggregate Privacy-Preserving Authentication in VANETs 2017
- 7 Delay Analysis and Routing for Two-Dimensional VANETs Using Carry-and-Forward Mechanism Monitoring 2017
- 8 EAAP: Efficient Anonymous Authentication With Conditional Privacy-Preserving Scheme for Vehicular Ad Hoc Networks 2017
- 9 Distributed Aggregate Privacy-Preserving Authentication in VANETs 2017
- 10 GDVAN: A New Greedy Behavior Attack Detection Algorithm for VANETs 2017
- 11 Enhancing Security and Privacy for Identity-based Batch Verification Scheme in VANET 2017

### COGNITIVE RADIO NETWORK (CRN)

- 1 End-to- end Throughput Maximization for Underlay Multi-hop Cognitive Radio Networks with RF Energy Harvesting 2017
- 2 Cooperative Sensing with Joint Energy and Correlation Detection in Cognitive Radio Networks 2017
- 3 A Buffering and Switching Scheme for Admission Control in Cognitive Radio Networks 2017
- 4 Optimal Spectrum Sensing Interval in Energy-Harvesting Cognitive Radio Networks 2017
- 5 A Novel Reservation-based MAC Scheme for Distributed Cognitive Radio Networks 2017
- 5 A Novel Reservation-based MAC Scheme for Distributed Cognitive Radio Networks 2017
- 6 Maximizing Spectral Efficiency for Energy Harvesting-Aware WBAN 2017
- 7 Spectrum-Availability Based Routing for Cognitive Sensor Networks 2017

### **WIRELESS NETWORK**

- 1 Adaptive Energy Storage Management in Green Wireless Networks 2017
- 2 Energy-Efficient Secrecy in Wireless Networks Based on Random Jamming 2017
- 3 Optimal Privacy-Preserving Probabilistic Routing for Wireless Networks 2017

### **MOBILE Ad-Hoc NETWORK (MANET)**

- 1 Adaptive Rerouting to Avoid Local Congestion in MANETs 2017
- 2 Ant Based Multipath Backbone Routing for Load Balancing in MANET 2017
- 3 CRCMD&R: Cluster and Reputation based cooperative malicious node Detection & Removal scheme in MANETs 2017
- 4 Dynamic Hop-Aware Buffer Management Scheme for Multi-hop Ad Hoc Networks 2017
- 5 EPPN: Extended Prime Product Number based wormhole DETECTION scheme for MANETs 2017
- 6 Energy Efficient Multipath Routing Protocol for Mobile Ad-Hoc Network Using the Fitness Function 2017
- 7 Fine-Grained Analysis of Packet Loss in MANETs 2017
- 8 Lightweight authentication-based scheme for AODV in ad-hoc networks 2017
- 9 Securing AOMDV protocol in mobile adhoc network with elliptic curve cryptography 2017
- 10 Trust-Based Task Assignment with Multi-Objective Optimization in Service-Oriented Ad Hoc Networks 2017
- 11 Optimal Capacity-Delay Tradeoff in MANETs with Correlation of Node Mobility 2017

### **HETEROGENEOUS NETWORK**

- 1 Distributed Learning for Energy-Efficient Resource Management in Self-Organizing Heterogeneous Networks 2017



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## LABTECH INNOVATIONS™

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- 2      Toward Cooperation by Carrier Aggregation in Heterogeneous Networks A Hierarchical Game Approach      2017
- 3      Video Packet Scheduling with Stochastic QoS for Cognitive Heterogeneous Networks      2017

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