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IEEE PROJECT TITLE 2017-18

DOMAIN: NS2

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S.No	MANET	DOMAIN
NSMA01	A Delay-Sensitive Multicast Protocol for Network Capacity Enhancement in Multi rate MANETs	IEEE 2017-18 NS2 TITLES
NSMA02	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks	
NSMA03	Contradiction Based Gray-Hole Attack Minimization for Ad-Hoc Networks	
NSMA04	Delay Analytical Models for Opportunistic Routing in Wireless Ad Hoc Networks	
NSMA05	Energy Efficient Multipath Routing Protocol for Mobile ad-hoc Network Using the Fitness Function	
NSMA06	Fine-Grained Analysis of Packet Loss in MANETs	
NSMA07	SUPERMAN: Security Using Pre-Existing Routing for Mobile Ad hoc Networks	
S.No	**WSN(ROUTING)**	
NSWSNR01	A Joint Routing and MAC Protocol for Transmission Delay Reduction in Many-to-One Communication Paradigm for Wireless Sensor Networks	
NSWSNR02	A Self-Adaptive Sleep/Wake-Up Scheduling Approach for Wireless Sensor Networks	
NSWSNR03	E2HRC: An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks	
NSWSNR04	Energy Efficient Clustering Algorithm for Multi-Hop Wireless Sensor Network Using Type-2 Fuzzy Logic	
NSWSNR05	Load Balanced Coverage with Graded Node Deployment in Wireless Sensor Networks	
NSWSNR06	Load-Balanced Opportunistic Routing for Duty-Cycled Wireless Sensor Networks	
NSWSNR07	Low-Cost Collaborative Mobile Charging for Large-Scale Wireless Sensor Networks	
NSWSNR08	Low-Cost Collaborative Mobile Charging for Large-Scale Wireless Sensor Networks	
NSWSNR09	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink	
NSWSNR10	Optimal Privacy-Preserving Probabilistic Routing for Wireless Networks	
NSWSNR11	QoS-Aware and Heterogeneously Clustered Routing Protocol for Wireless Sensor Networks	
NSWSNR12	Routing Protocol for Wireless sensor networks Using Swarm intelligence-ACO with ECPSOA	
NSWSNR13	SEND: A Situation-Aware Emergency Navigation Algorithm with Sensor Networks	
NSWSNR14	Speed Up-Greedy Perimeter Stateless Routing Protocol for Wireless Sensor Networks (SU-GPSR)	

S.No	WSN(SECURITY)	
NSWSNS01	A Key Distribution Scheme for Mobile Wireless Sensor Networks: qs-composite	
NSWSNS02	A Novel Authentication and Key Agreement Scheme for Implantable Medical Devices Deployment	
NSWSNS03	A Secure and Efficient ID-Based Aggregate Signature Scheme for Wireless Sensor Networks	
NSWSNS04	Intrusion Detection Based on State Context and Hierarchical Trust in Wireless Sensor Networks	
NSWSNS05	Lightweight Three-factor Authentication and Key Agreement Protocol for Internet-integrated Wireless Sensor Networks	
NSWSNS06	Location-Based Key Management Strong Against Insider Threats in Wireless Sensor Networks	
NSWSNS07	Research on Trust Sensing based Secure Routing Mechanism for Wireless Sensor Network	
NSWSNS08	Resilience of DoS Attacks in Designing Anonymous User Authentication Protocol for Wireless Sensor Networks	
NSWSNS09	ROSE: Robustness Strategy for Scale-Free Wireless Sensor Networks	
NSWSNS10	Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs	
NSWSNS11	TruFiX: A Configurable Trust-based Cross-Layer Protocol for Wireless Sensor Networks	
S.No	**VANET(ROUTING)**	
NSVAR01	Adaptive Quality of Service based Routing for Vehicular Ad hoc Networks with Ant Colony Optimization	
NSVAR02	CBS: Community-based Bus System as Routing Backbone for Vehicular Ad Hoc Networks	
NSVAR03	DIVERT: A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance	
NSVAR04	EcoTrec—A Novel VANET-Based Approach to Reducing Vehicle Emissions	
NSVAR05	Enhancing Quality of Service Conditions Using a Cross-Layer Paradigm for Ad-hoc Vehicular Communication	
NSVAR06	MoZo: A Moving Zone Based Routing Protocol Using Pure V2V Communication in VANETs	
NSVAR07	Trustworthiness Evaluation-based Routing Protocol for Incompletely Predictable Vehicular Ad hoc Networks	
S.No	**VANET(SECURITY)**	
NSVAS01	Distributed Aggregate Privacy-Preserving Authentication in VANETs	
NSVAS02	EAAP: Efficient Anonymous Authentication With Conditional Privacy-Preserving Scheme for Vehicular Ad Hoc Networks	

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NSVAS03	Efficient Privacy-Preserving Dual Authentication and Key Agreement Scheme for Secure V2V Communications in an IoV Paradigm	
NSVAS04	Enhancing Security and Privacy for Identity-based Batch Verification Scheme in VANET	IEEE 2017-18 NS2 TITLES
NSVAS05	GDVAN: A New Greedy Behavior Attack Detection Algorithm For VANETs	
NSVAS06	REPLACE: A Reliable Trust-based Platoon Service Recommendation Scheme in VANET	
S.No	**WIRLESS COMMUNICATION**	
NSWC01	Congestion Control Scheme Performance Analysis Based on Nonlinear RED	
NSWC02	Distributed Learning for Energy-Efficient Resource Management in Self-Organizing Heterogeneous Networks	
NSWC03	End-to-end Throughput Maximization for Underlay Multi-hop Cognitive Radio Networks with RF Energy Harvesting	
NSWC04	Robotic Message Ferrying for Wireless Networks using Coarse- Grained Backpressure Control	
NSWC05	Spectrum-Availability based Routing for Cognitive Sensor Networks	
NSWC06	Towards Effective Trust-based Packet Filtering in Collaborative Network Environments	
NSWC07	Virtual Multipath Attack and Defense for Location Distinction in Wireless Networks	