

NS2 2015 PROJECTS LIST

S.NO	PROJECT TITLE	VERTICAL
1	JOINT ACCESS CONTROL AND RESOURCE ALLOCATION FOR CONCURRENT AND MASSIVE ACCESS OF M2M DEVICES	2015
2	DOWNLINK POWER CONTROL IN SELF-ORGANIZING DENSE SMALL CELLS UNDERLAYING MACROCELLS: A MEAN FIELD GAME	2015
3	HYBRID OPPORTUNISTIC RELAYING AND JAMMING WITH POWER ALLOCATION FOR SECURE COOPERATIVE NETWORKS	2015
4	ASSESSING PERFORMANCE GAINS THROUGH GLOBAL RESOURCE CONTROL OF HETEROGENEOUS WIRELESS NETWORKS	2015
5	GREENING GEOGRAPHICAL LOAD BALANCING	2015
6	A HIERARCHICAL ACCOUNT-AIDED REPUTATION MANAGEMENT SYSTEM FOR MANETS	2015
7	UTILITY FAIR OPTIMIZATION OF ANTENNA TILT ANGLES IN LTE NET WORKS	2015
8	EFFICIENT ALLOCATION OF PERIODIC FEEDBACK CHANNELS IN BROADBAND WIRELESS NETWORKS	2015
9	PROPORTIONAL FAIR CODING FOR WIRELESS MESH NETWORKS	2015
10	EXPLOITING ASYNCHRONOUS AMPLIFY-AND-FORWARD RELAYS TO ENHANCE THE PERFORMANCE OF IEEE 802.11 NETWORKS	2015
11	CELLULAR ARCHITECTURE AND KEY TECHNOLOGIES FOR 5G WIRELESS COMMUNICATION NETWORKS	2015

12	ENERGY-EFFICIENT SENSOR SCHEDULING ALGORITHM IN COGNITIVE RADIO NETWORKS EMPLOYING HETEROGENEOUS SENSORS	2015
13	OPPORTUNISTIC SPECTRUM ACCESS WITH TWO CHANNEL SENSING IN COGNITIVE RADIO NETWORKS 14 OPTIMAL SCHEDULING FOR MULTI-RADIO MULTI-CHANNEL MULTI-HOP COGNITIVE CELLULAR NETWORKS	2015
14	DSCA: DYNAMIC SPECTRUM CO-ACCESS BETWEEN THE PRIMARY USERS AND THE SECONDARY USERS	2015
15	ON JOINT POWER AND ADMISSION CONTROL IN UNDERLAY CELLULAR COGNITIVE RADIO NETWORKS	2015
16	COOPERATIVE RELAY SELECTION IN COGNITIVE RADIO NETWORKS	2015
17	STATISTICAL MODELING OF SPECTRUM SENSING ENERGY IN MULTI-HOP COGNITIVE RADIO NETWORKS	2015
18	ADAPTIVE RANDOM ACCESS FOR COOPERATIVE SPECTRUM SENSING IN COGNITIVE RADIO NETWORKS	2015
19	ROBUST POWER CONTROL UNDER LOCATION AND CHANNEL UNCERTAINTY IN COGNITIVE RADIO NETWORKS	2015
20	ENERGY EFFICIENT COLLABORATIVE SPECTRUM SENSING BASED ON TRUST MANAGEMENT IN COGNITIVE RADIO NETWORKS	2015
21	IMPROVING THE NETWORK LIFETIME OF MANETS THROUGH COOPERATIVE MAC PROTOCOL DESIGN	2015
22	A HIERARCHICAL ACCOUNT-AIDED REPUTATION MANAGEMENT SYSTEM FOR MANETS	2015
23	DEFENDING AGAINST COLLABORATIVE ATTACKS BY MALICIOUS NODES IN MANETS: A COOPERATIVE BAIT DETECTION APPROACH	2015

24	JOINT OPTIMAL DATA RATE AND POWER ALLOCATION IN LOSSY MOBILE AD HOC NETWORKS WITH DELAY-CONSTRAINED TRAFFICS	2015
25	MOBILE-PROJECTED TRAJECTORY ALGORITHM WITH VELOCITY-CHANGE DETECTION FOR PREDICTING RESIDUAL LINK LIFETIME IN MANET	2015
26	BRACER: A DISTRIBUTED BROADCAST PROTOCOL IN MULTI-HOP COGNITIVE RADIO AD HOC NETWORKS WITH COLLISION AVOIDANCE	2015
27	INTERFERENCE-BASED TOPOLOGY CONTROL ALGORITHM FOR DELAY-CONSTRAINED MOBILE AD HOC NETWORKS	2015
28	COOPERATIVE LOAD BALANCING AND DYNAMIC CHANNEL ALLOCATION FOR CLUSTER-BASED MOBILE AD HOC NETWORKS	2015
29	COCOWA: A COLLABORATIVE CONTACT-BASED WATCHDOG FOR DETECTING SELFISH NODES	2015
30	ESTIMATING THE AVAILABLE MEDIUM ACCESS BANDWIDTH OF IEEE 802.11 AD HOC NETWORKS WITH CONCURRENT TRANSMISSIONS	2015
31	DYNAMIC CHANNEL ASSIGNMENT FOR WIRELESS SENSOR NETWORKS: A REGRET MATCHING BASED APPROACH	2015
32	SEGMENT-BASED ANOMALY DETECTION WITH APPROXIMATED SAMPLE COVARIANCE MATRIX IN WIRELESS SENSOR NETWORKS	2015
33	MAXIMUM LIFETIME SCHEDULING FOR TARGET COVERAGE AND DATA COLLECTION IN WIRELESS SENSOR NETWORKS	2015
34	MOBILE DATA GATHERING WITH LOAD BALANCED CLUSTERING AND DUAL DATA UPLOADING IN WIRELESS SENSOR NETWORKS	2015
35	JOINT COOPERATIVE ROUTING AND POWER ALLOCATION FOR COLLISION MINIMIZATION IN WIRELESS SENSOR NETWORKS WITH MULTIPLE FLOWS	2015

36	PWDGR: PAIR-WISE DIRECTIONAL GEOGRAPHICAL ROUTING BASED ON WIRELESS SENSOR NETWORK	2015
37	A SPECTRAL CLUSTERING APPROACH TO IDENTIFYING CUTS IN WIRELESS SENSOR NETWORKS	2015
38	NON COOPERATIVE GAME-BASED ENERGY WELFARE TOPOLOGY CONTROL FOR WIRELESS SENSOR NETWORKS	2015
39	OPPORTUNISTIC ROUTING ALGORITHM FOR RELAY NODE SELECTION IN WIRELESS SENSOR NETWORKS	2015
40	AN EFFICIENT CLUSTER-TREE BASED DATA COLLECTION SCHEME FOR LARGE MOBILE WIRELESS SENSOR NETWORKS	2015
41	ENERGY EFFICIENT CLUSTERING SCHEME FOR PROLONGING THE LIFETIME OF WIRELESS SENSOR NETWORK WITH ISOLATED NODES	2015
42	LIGHTWEIGHT SELF-ADAPTING LINEAR PREDICTION ALGORITHMS FOR WIRELESS SENSOR NETWORKS	2015
43	ENERGY MANAGEMENT AND CROSS LAYER OPTIMIZATION FOR WIRELESS SENSOR NETWORK POWERED BY HETEROGENEOUS ENERGY SOURCES	2015
44	A SECURE SCHEME AGAINST POWER EXHAUSTING ATTACKS IN HIERARCHICAL WIRELESS SENSOR NETWORKS	2015
45	ACPN: A NOVEL AUTHENTICATION FRAMEWORK WITH CONDITIONAL PRIVACY-PRESERVATION AND NON-REPUDIATION FOR VANETS	2015
46	ENERGY-EFFICIENT SCHEDULING IN GREEN VEHICULAR INFRASTRUCTURE WITH MULTIPLE ROADSIDE UNITS	2015
47	DELAY-CONSTRAINED DATA AGGREGATION IN VANETS	2015
48	AN EVOLUTIONARY GAME THEORY-BASED APPROACH TO COOPERATION IN VANETS UNDER DIFFERENT NETWORK CONDITIONS	2015

49	SPEED ADAPTIVE PROBABILISTIC FLOODING FOR VEHICULAR AD HOC NETWORKS	2015
50	A NOVEL CENTRALIZED TDMA-BASED SCHEDULING PROTOCOL FOR VEHICULAR NETWORKS	2015
51	A HISTORICAL-BEACON-AIDED LOCALIZATION ALGORITHM FOR MOBILE SENSOR NETWORKS	2015
52	MINIMIZING TRANSMISSION COST FOR THIRD-PARTY INFORMATION EXCHANGE WITH NETWORK CODING	2015
53	OPTIMAL CONFIGURATION OF NETWORK CODING IN AD HOC NETWORKS	2015
54	PACKET DELIVERY RATIO/COST IN MANETS WITH ERASURE CODING AND PACKET REPLICATION	2015
55	PRIVACY-PRESERVING AND TRUTHFUL DETECTION OF PACKET DROPPING ATTACKS IN WIRELESS AD HOC NETWORKS	2015
56	DEFENDING AGAINST COLLABORATIVE ATTACKS BY MALICIOUS NODES IN MANETS: A COOPERATIVE BAIT DETECTION APPROACH	2015
57	PRIVACY AND QUALITY PRESERVING MULTIMEDIA DATA AGGREGATION FOR PARTICIPATORY SENSING SYSTEMS	2015
58	USER PRIVACY AND DATA TRUSTWORTHINESS IN MOBILE CROWD SENSING	2015
59	A VIRTUAL COORDINATE-BASED BYPASSING VOID ROUTING FOR WSN	2015
60	ADAPTIVE ROUTING FOR DYNAMIC ON-BODY WSN	2015
61	AN ENERGY EFFICIENT CROSS-LAYER NETWORK OPERATION MODEL FOR IEEE 802.15.4-BASED MOBILE WSN	2015

62	COST-AWARE SECURE ROUTING (CASER) PROTOCOL DESIGN FOR WSN	2015
63	EFFICIENT COVERAGE AND CONNECTIVITY PRESERVATION WITH LOAD BALANCE FOR WSN	2015
64	GEOGRAPHIC ROUTING IN CLUSTERED WSN AMONG OBSTACLES	2015
65	IMPACT OF LIMITING HOP COUNT ON THE LIFETIME OF WSN	2015
66	JOINT VIRTUAL MIMO AND DATA GATHERING FOR WSN	2015
67	TIME-SENSITIVE UTILITY-BASED SINGLE-COPY ROUTING IN LOW DUTY CYCLE WSN	2015
68	BUS-VANET: A BUS VEHICULAR NETWORK INTEGRATED WITH TRAFFIC INFRASTRUCTURE	2015
69	REAL-TIME PATH PLANNING BASED ON HYBRID-VANET-ENHANCED TRANSPORTATION SYSTEM	2015
70	VANET MODELING AND CLUSTERING DESIGN UNDER PRACTICAL TRAFFIC, CHANNEL AND MOBILITY CONDITIONS	2015
71	DEFEATING JAMMING WITH THE POWER OF SILENCE: A GAME-THEORETIC ANALYSIS	2015
72	VGDR: A VIRTUAL GRID-BASED DYNAMIC ROUTES ADJUSTMENT SCHEME FOR MOBILE SINK-BASED WSN	2015
73	A LIGHTWEIGHT SECURE SCHEME FOR DETECTING PROVENANCE FORGERY AND PACKET DROP ATTACKS IN WIRELESS SENSOR NETWORKS	2015
74	AN EFFICIENT DISTRIBUTED TRUST MODEL FOR WIRELESS SENSOR NETWORKS	2015

75	AN ENCRYPTION SCHEME USING CHAOTIC MAP AND GENETIC OPERATIONS FOR WIRELESS SENSOR NETWORKS	2015
76	EFFECTIVE KEY MANAGEMENT IN DYNAMIC WIRELESS SENSOR NETWORKS	2015
77	SECURE AND DISTRIBUTED DATA DISCOVERY AND DISSEMINATION IN WIRELESS SENSOR NETWORKS	2015
78	TOWARD ENERGY-EFFICIENT TRUST SYSTEM THROUGH WATCHDOG OPTIMIZATION FOR WSNS	2015
79	PASSIVE IP TRACEBACK: DISCLOSING THE LOCATIONS OF IP SPOOFERS FROM PATH BACKSCATTER	2015
80	TIME-DELAYED BROADCASTING FOR DEFEATING INSIDE JAMMERS	2015
81	SECURE DATA AGGREGATION TECHNIQUE FOR WIRELESS SENSOR NETWORKS IN THE PRESENCE OF COLLUSION ATTACKS	2015