



JP INFOTECH

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

www.jpinfotech.org

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Chennai Office : JP INFOTECH, Old No.31,
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2015 - 2016 NS2 IEEE FINAL YEAR Projects @ JP INFOTECH

S.NO	Project Code	IEEE 2015-16 NS2 Project Titles	Domain	Lang/Year
1	JPN1501	A Historical-Beacon-Aided Localization Algorithm for Mobile Sensor Networks	MANET	NS2/2015
2	JPN1502	CoCoWa: A Collaborative Contact-Based Watchdog for Detecting Selfish Nodes	MANET	NS2/2015
3	JPN1503	Cooperative Load Balancing and Dynamic Channel Allocation for Cluster-Based Mobile Ad Hoc Networks	MANET	NS2/2015
4	JPN1504	Defending Against Collaborative Attacks by Malicious Nodes in MANETs: A Cooperative Bait Detection Approach	MANET	NS2/2015
5	JPN1505	Minimizing Transmission Cost for Third-Party Information Exchange with Network Coding	MANET	NS2/2015
6	JPN1506	Mobile-Projected Trajectory Algorithm with Velocity-Change Detection for Predicting Residual Link Lifetime in MANET	MANET	NS2/2015
7	JPN1507	Optimal Configuration of Network Coding in Ad Hoc Networks	MANET	NS2/2015
8	JPN1508	Packet Delivery Ratio/Cost in MANETs with Erasure Coding and Packet Replication	MANET	NS2/2015
9	JPN1509	Privacy and Quality Preserving Multimedia Data Aggregation for Participatory Sensing Systems	MANET	NS2/2015
10	JPN1510	Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks	MANET	NS2/2015
11	JPN1511	User Privacy and Data Trustworthiness in Mobile Crowd Sensing	MANET	NS2/2015



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12	JPN1512	A Virtual Coordinate-Based Bypassing Void Routing for WSN	WSN (Routing)	NS2/2015
13	JPN1513	Adaptive Routing for Dynamic On-Body WSN	WSN (Routing)	NS2/2015
14	JPN1514	An Energy Efficient Cross-Layer Network Operation Model for IEEE 802.15.4-Based Mobile WSN	WSN (Routing)	NS2/2015
15	JPN1515	Cost-Aware SEcure Routing (CASER) Protocol Design for WSN	WSN (Routing)	NS2/2015
16	JPN1516	Efficient Coverage and Connectivity Preservation With Load Balance for WSN	WSN (Routing)	NS2/2015
17	JPN1517	Geographic Routing in Clustered WSN Among Obstacles	WSN (Routing)	NS2/2015
18	JPN1518	Impact of Limiting Hop Count on the Lifetime of WSN	WSN (Routing)	NS2/2015
19	JPN1519	Joint Cooperative Routing and Power Allocation for Collision Minimization in WSN With Multiple Flows	WSN (Routing)	NS2/2015
20	JPN1520	Joint Virtual MIMO and Data Gathering for WSN	WSN (Routing)	NS2/2015
21	JPN1521	Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks	WSN (Routing)	NS2/2015
22	JPN1522	Opportunistic Routing Algorithm for Relay Node Selection in WSN	WSN (Routing)	NS2/2015
23	JPN1523	PWDGR: Pair-Wise Directional Geographical Routing Based on Wireless Sensor Network	WSN (Routing)	NS2/2015
24	JPN1524	Time-Sensitive Utility-Based Single-Copy Routing in Low-Duty-Cycle WSN	WSN (Routing)	NS2/2015
25	JPN1525	VGDR: A Virtual Grid-Based Dynamic Routes Adjustment Scheme for Mobile Sink-Based WSN	WSN (Routing)	NS2/2015



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26	JPN1526	A Lightweight Secure Scheme for Detecting Provenance Forgery and Packet Drop Attacks in Wireless Sensor Networks	WSN (Security)	NS2/2015
27	JPN1527	A Secure Scheme Against Power Exhausting Attacks in Hierarchical Wireless Sensor Networks	WSN (Security)	NS2/2015
28	JPN1528	An Efficient Distributed Trust Model for Wireless Sensor Networks	WSN (Security)	NS2/2015
29	JPN1529	An Encryption Scheme Using Chaotic Map and Genetic Operations for Wireless Sensor Networks	WSN (Security)	NS2/2015
30	JPN1530	Effective Key Management in Dynamic Wireless Sensor Networks	WSN (Security)	NS2/2015
31	JPN1531	Secure and Distributed Data Discovery and Dissemination in Wireless Sensor Networks	WSN (Security)	NS2/2015
32	JPN1532	Toward Energy-Efficient Trust System Through Watchdog Optimization for WSNs	WSN (Security)	NS2/2015
33	JPN1533	A Novel PER Degradation Model for VANETs	VANET	NS2/2015
34	JPN1534	ACPN: A Novel Authentication Framework with Conditional Privacy-Preservation and Non-Repudiation for VANETs	VANET	NS2/2015
35	JPN1535	BUS-VANET: A BUS Vehicular Network Integrated with Traffic Infrastructure	VANET	NS2/2015
36	JPN1536	Real-Time Path Planning Based on Hybrid-VANET-Enhanced Transportation System	VANET	NS2/2015
37	JPN1537	VANET Modeling and Clustering Design Under Practical Traffic, Channel and Mobility Conditions	VANET	NS2/2015
38	JPN1538	Defeating Jamming With the Power of Silence: A Game-Theoretic Analysis	WIRELESS COMMUNICATIONS	NS2/2015



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39	JPN1539	Passive IP Traceback: Disclosing the Locations of IP Spoofers from Path Backscatter	INFORMATION FORENSICS AND SECURITY	NS2/2015
40	JPN1540	Time-Delayed Broadcasting for Defeating Inside Jammers	SECURE COMPUTING	NS2/2015
41	JPN1541	Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks	SECURE COMPUTING	NS2/2015

More titles will be updated soon. For updated titles and other details visit: www.jpinfotech.org or www.jpinfotech.blogspot.com

PROJECT SUPPORT TO REGISTERED STUDENTS:

- 1) IEEE Base paper.
- 2) Abstract Document.
- 3) Future Enhancement (based on Requirement).
- 4) Modified Title / Modified Abstract (based on Requirement).
- 5) Complete Source Code.
- 6) Final Report / Document

(Document consists of basic contents of about Abstract, Bibliography, Conclusion, Implementation, I/P & O/P Design, Introduction, Literature Survey, Organisation Profile, Screen Shots, Software Environment, System



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Analysis, System Design, System Specification, System Study, System Testing)

(The chapter System Design consists of 5 diagrams: Data Flow, Use Case, Sequence, Class, Activity Diagram)

7) Review PPTs and Documents.

8) How to Run execution help file.

9) NS2 Software Package (Cygwin, NS2.28, How to install help file).

10) International Conference / International Journal Publication based on your project.

OUR OTHER SALIENT FEATURES:

- Number 1 Project Master in Puducherry/Chennai.
- Successfully conducted more than 15 International Conferences in all over South India in the year 2013 & 2014.
- For the year 2015- 2016, we have Signed MoU with 15 Engineering Colleges in all over South India to Conduct International Conferences in year 2015 – 2016.
- Published more than 1000 Research Articles of Our Ph.D./M.Phil/ME/M.Tech./BE/B.Tech. Students in Leading International Conferences and International Journals for the year 2014-2015.



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- For the year 2013- 2014 Recognized and Awarded from “PONDICHERRY UNIVERSITY”, “Paavai College of Engg”, “Arjun College of Technology” and many leading institutions.
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 - “Sri Raaja Raajan College of Engineering and Technology”
 - “Latha Mathavan Engineering College”
 - “SKR engineering college”
 - “Dr Pauls Engineering College”
 - “Jaya Engineering College”
 - “Jain College of Engineering”
- Recognized and published article about JP INFOTECH and our director in “THE HINDU”, “DINAKARAN” and many more newspapers and Media.
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So don't wait any more!!! Join us and be a part of us. Walk-in to our Office OR E-mail us your requirements and Register your projects.

For any queries Contact:

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Managing Director

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