



 **ns-3**
NETWORK SIMULATOR

 **ns-2**
NETWORK SIMULATOR

A 3D rendering of several glass jars and tubes, some containing blue liquid, with blue lines connecting them, set against a city skyline background.

NS 2 / NS 3

PROJECT TITLE 2017 - 2018



NS2

WIRELESS SENSOR NETWORK

274.	ITNSN01	A Secure Optimum Distributed Detection Scheme in Under-Attack Wireless Sensor Networks	2017
275.	ITNSN02	A Disaster Management-Oriented Path Planning for Mobile Anchor Node-Based Localization in Wireless Sensor Networks	2017
276.	ITNSN03	DoS Attack Energy Management Against Remote State Estimation	2017
277.	ITNSN04	An Efficient Intrusion Detection Approach for Visual Sensor Networks Based on Traffic Pattern Learning	2017
278.	ITNSN05	A Self-Adaptive Sleep/Wake-Up Scheduling Approach for Wireless Sensor Networks	2017
279.	ITNSN06	Performance Evaluation of An Adaptive Channel Allocation Technique for Cognitive Wireless Sensor Networks	2016
280.	ITNSN07	Replication Attack Detection with Monitor Nodes in Clustered Wireless Sensor Networks	2016

WIRED NETWORK

281.	ITNWN01	Empirical Analysis and Validation of Security Alerts Filtering Techniques	2017
282.	ITNWN02	Covert Attacks in Cyber-Physical Control Systems	2017
283.	ITNWN03	An Intrusion Detection System for Cyber Attacks in Wireless Networked Control Systems	2017
284.	ITNWN04	Optimal Privacy-Preserving Probabilistic Routing for Wireless Networks	2017
285.	ITNWN05	Efficient cache placement strategy in two-tier	2016

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		wireless content delivery network	
286.	ITNWN07	A multi-channel medium access control protocol For vehicular power line communication systems	2016
MANET			
287.	ITNMN01	Delay Aware Load Balancing Over Multipath Wireless Networks	2017
288.	ITNMN02	Collaborative Authentication in Decentralized Dense Mobile Networks with Key Pre distribution	2017
289.	ITNMN03	Social Norm Incentives for Network Coding in MANETs	2017
290.	ITNMN04	Fine-Grained Analysis of Packet Loss in MANETs	2017
300.	ITNMN05	Efficient wireless multimedia multicast in multi-rate multi-channel mesh networks	2016
301.	ITNMN06	A novel approach for efficient usage of intrusion detection system in mobile ad hoc networks	2016
VANET			
302.	ITNVN01	Reliable Cooperative Authentication for Vehicular Networks	2017
303.	ITNVN02	Self-Sorting Based MAC Protocol for High-Density Vehicular Ad Hoc Networks	2017
305.	ITNVN03	Improving Safety on Highways by Customizing Vehicular Ad Hoc	2017

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		Networks	
306.	ITNVN04	A Stable Clustering Algorithm based on Affinity Propagation for VANETs	2017
307.	ITNVN05	A stochastic geometry approach to the modeling of dsrc for vehicular safety communication	2016
308.	ITNVN06	Flow allocation for maximum throughput and bounded delay on multiple disjoint paths for random access wireless multi hop networks	2016
COGNITIVE RADIO NETWORK			
309.	ITNCN01	Multicast in Multihop CRNs Under Uncertain Spectrum Availability: A Network Coding Approach	2017
310.	ITNCN02	MAQ: A Multiple Model Predictive Congestion Control Scheme for Cognitive Radio Networks	2017
311.	ITNCN03	Spectrum-Aware Anypath Routing in Multi-Hop Cognitive Radio Networks	2017
312.	ITNCN04	Cooperative Spectrum Sensing with Random Access Reporting Channels in Cognitive Radio Networks	2017
313.	ITNCN05	Delay-constrained caching in cognitive radio networks	2016
314.	ITNCN06	Mobility prediction based joint stable routing and channel assignment for mobile ad hoc cognitive networks	2016

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Education Partners:



Technologies and Domain used:

IEEE 2017, Java, J2ee, Android, Bigdata, Dot net, Arduino, Raspberry pi, IOT, Renewable, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, Civil, Analysis, Fabrication, Mechanical, CFD, FEA, etc.

Features

- Latest 2017 IEEE, Science Direct, ACM based project concept and solutions.
- State of the art infrastructure, Innovative Project training methods.
- All our efforts are focused on students to meet industry requirements.
- Our environment is encapsulated with doctorates, professionals and other experts.
- Excellent Placements through our **Spiro HR Management Consultants (SMC) Pvt Ltd.**

Branches:

VELLORE

#257, Sapthagiri Complex, 2nd Floor
Katpadi Main Road, Vellore - 632 007
(Opp. Reliance Pertol Bunk)
Mobile : 9176 620 620
Email : vellore@spioprojects.com

NAMAKKAL

No : 62/136, Thillaipuram Main Road,
Paramathi Road, Namakkal
Mobile : 9962 514 514
Email : nkl@spioprojects.com

TIRUNELVELI

991/1A3, 2nd Floor,
M.G.Raaj Trade Park, South bye bass road,
Nellai-627005. (Near New Bus Stand)
Mobile : 9176 617 617
Email : nellai@spioprojects.com

MADURAI

#178, 2nd Floor, Vakil New Street,
Simmakal, Madurai - 625 001
Mobile : 9176 419 419
Email : madurai@spioprojects.com

PONDICHERY

20, 1st Floor, 2nd Cross, Natesan Nagar,
Pondichery - 05. (Indra Gandhi Square)
Mobile : 9176 694 694.
Email : pundy@spioprojects.com

COIMBATORE

#93, 1st Floor, Nehru Street,
(Opp. to Senthil Kumaran Theaters)
Ram Nagar, Coimbatore- 641 009
Mobile : 9176 648 648
Email : cbe@spioprojects.com

Corporate Office: SPIRO Solutions Pvt. Ltd #78, 3rd Floor, Usman Road, T.Nagar, Chennai-17. (Upstair Hotel Saravana Bhavan)Tamilnadu, India.

For ECE, EEE, E&I, E&C, Mechanical, Civil, Bio-Medical:

Mobile : +91-9962 067 067, +91-9176 499 499
mail: info@spioprojects.com

For IT, CSE, MSC, MCA, BSC(CS), B.COM(cs):

Mobile: +91-9791 044 044, +91-9176 644 044
E-Mail: info1@spioprojects.com,

Website: www.spioprojects.com.