

# List of Projects in Internet of Things

## S-Logix

No.5, (Old No.1), First Floor, 4th Street, Dr.Subbarayan Nagar,  
Kodambakkam, Chennai-600024. (Landmark: Swamiyarmadam).

Mobile: 81240 01111, 9710999001

E-Mail: [pro@slogix.in](mailto:pro@slogix.in)

1. O-MAC: Opportunistic MAC Protocol for M2M Communication in WiFi White Spaces, IEEE Communications Letters, January 2017 [NS2].
2. Power Control for Energy Efficient D2D Communication in Heterogeneous Networks with Eavesdropper, IEEE Communications Letters, June 2017 [NS2].
3. Reliable emergency message dissemination protocol for urban internet of vehicles, IET Communications, June 2017 [NS2] .
4. Efficient Privacy-Preserving Dual Authentication and Key Agreement Scheme for Secure V2V Communications in an IoV Paradigm, IEEE Transactions on Intelligent Transportation Systems, March 2017 [NS2].
5. Analysis of Latency and MAC-layer Performance for Class A LoRaWAN, IEEE Wireless Communications Letters, June 2017 [NS2].
6. A Data Mining Approach Combining K-Means Clustering with Bagging Neural Network for Short-term Wind Power Forecasting, IEEE Internet of Things Journal, March 2017 [Java]
7. A Machine Learning Decision-Support System Improves the Internet of Things ' Smart Meter Operations, IEEE Internet of Things Journal, June 2017 [Java]
8. A Privacy Preserving Communication Protocol for IoT Applications in Smart Homes, IEEE Internet of Things Journal, May 2017 [Contiki-Cooja Simulator]
9. Data Driven Congestion Trends Prediction of Urban Transportation, IEEE Internet of Things Journal, June 2017 [Java]
10. IoT-based Sensor Data Fusion for Occupancy Sensing using Dempster-Shafer Evidence Theory for Smart Buildings, IEEE Internet of Things Journal, July 2017 [Contiki-Cooja Simulator]

11. Predictive Analytics for Complex IoT Data Streams, IEEE Internet of Things Journal, June 2017 [Java]
12. Security Bootstrapping for Secure Join and Binding on the IEEE 802.15.4-based LoWPAN, IEEE Internet of Things Journal, May 2017, [Contiki-Cooja Simulator]
13. SD-NFV as an Energy Efficient Approach for M2M Networks Using Cloud-Based 6LoWPAN Testbed, IEEE Internet of Things Journal, May 2017 [Contiki-Cooja Simulator]
14. Semi-supervised Deep Reinforcement Learning in Support of IoT and Smart City Services, IEEE Internet of Things Journal, June 2017 [Java]
15. Towards Emulation-Based Performance Assessment of Constrained Application Protocol (CoAP) in Dynamic Networks, IEEE Internet of Things Journal, June 2017 [Contiki-Cooja Simulator]
16. An Approach to Secure Internet of Things Against DDoS, International Conference on ICT for Sustainable Development. Advances in Intelligent Systems and Computing, Springer, 2016 [Contiki OS – Cooja Simulator].
17. Real Time Intrusion and Wormhole Attack Detection in Internet of Things, International Journal of Computer Applications, 2015 [Contiki OS – Cooja Simulator].
18. Denial-of-Service attacks on 6LoWPAN-RPL networks: Threats and an intrusion detection system proposition, Journal of Advanced Computer Science and Technology, 2014 [Contiki OS – Cooja Simulator].