Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

Report of the Event

Title of the Event: National level workshop on Wireless Sensor Networks and its applications

Organized Date: 4th May 2015 to 9th May 2015

Summary: This workshop aims to introduce today's wireless and Sensor network technologies, as well as future technologies and techniques required to engineer the networks of the coming decades. It will provide a forum to exchange ideas, discuss solutions, and share experiences among researchers and professionals from industry and academia in the field of Wireless Sensor networks. The workshop will be focused upon introducing the Wireless Sensor Networks, the sensor nodes, their characteristics, the deployment issues, the operational models, the applications, the programming & simulation environment of WSNs, demonstration of the WSN kits as well as sample applications on WSN nodes. The major contents of the course will cover the following. • Introduction to Wireless sensor networks and its applications • MAC and Network layer protocols and their simulation in NS-2 • Data Aggregation, Localization and security in WSN • Introduction to programming using NesC