



IEEE International Conference on Advanced Networks and Telecommunications Systems

13-16 December 2021, IDRBT, Hyderabad, India

Technical Track - 8 Internet of Things

December 16, 2021 (Thursday)

11.30 AM – 1.00 PM

1. Adaptive Distributed Queuing Random Access Protocol for LoRa based IoT Networks

Devpriya Kanojia and Vinod Kumar Jain (Indian Institute of Information Technology, Design and Manufacturing Jabalpur, India)

2. Fault-Tolerant Concurrent Data collection Trees for Industrial IoT Applications

Arvind Kumar (Indian Institute of Information Technology Guwahati & Jaypee University of Information Technology, India); Rakesh Matam (Indian Institute of Information Technology Guwahati, India); Somanath Tripathy (Indian Institute of Technology Patna, India)

3. Experimental evaluation of power saving mode against powering down in an NB-IoT modem

Prashanth Lingala (Indian Institute of Technology Hyderabad, India & Honeywell, India); SaiDhiraj Amuru and Kiran Kuchi (Indian Institute of Technology Hyderabad, India)

4. Location based detection mechanism for PUEA on CR enabled 5G-IoT network

Avinash Reddy Avuthu (Malaviya National Institute of Technology Jaipur, India); Arunima Sharma (Malaviya National Institute of Technology Jaipur, India); Dinesh Gopalani (Malaviya National Institute of Technology Jaipur, India); Ramesh Babu Battula (Malaviya National Institute of Technology Jaipur, India)