IoT with "LoRaWAN for Smart Madurai" Forum launched by Pandian Saraswathi Yadav Engineering College – Incubation Cell

Pandian Saraswathi Yadav Engineering College, the first and only Institutional member of LoRa-Alliance in India organized an event launching the "LoRaWAN for smart Madurai" Forum. Leaders from Construction and various industries stated their problems and discussed cost-effective solutions.

S. R. Muthuvijayan, Chairman, Vijayadhaya Realtors, CREDAI highlighted the problems in the field of Construction. Industrial Experts Mr.Ashwin Desai, A&T Networks, Mr.Shankar, Deity Technology, Mr.Sivakumar, Green Solar Technology, Mr.Gomathi Shankar, Cisco Systems, Mr.Saravanapandian, Embien Technologies and members of SIDA interacted with the students of PSYEC to discuss the problems in construction, solar, real estate and city living.

Problems and needs were identified in Home Automation, Security, Surveillance, Pollution monitoring and control, waste management, preventive maintenance, etc., 16 problem statements were identified in the event. The participants then voted on the 2 most pressing problems to solve, these 2 problems will be worked on the Hackathan in the next event. LoRaWAN was examined for its cost effectiveness (License free), long range coverage and secure nature. PSYEC Incubation Cell has deployed first LoRaWAN Gateway in South Tamilnadu and has various nodes for project work and Research activities.

Er.S.P.Varadharajan, Managing Director, PSYEC welcomed the gathering and presided over the function. LoRaWAN has the unique offering of long range using battery powered devices where batteries last for years. Mr. David Edwin (Native of Madurai and actively supporting projects in Madurai through PSYEC Incubation Cell), Senior Software Architect, Nordic Semiconductor, Norway who is an expert in LoRaWAN and Bluetooth technology in Norway has felicitated the function and emphasized the opportunities available in LoRaWAN, growth and trends in recent advancements.

Industrial Experts, students and Faculty members from various Engineering Colleges were participated in the event. Mr.S.Manikandan, AP/ECE has given a demo on LoRaWAN Gateway.