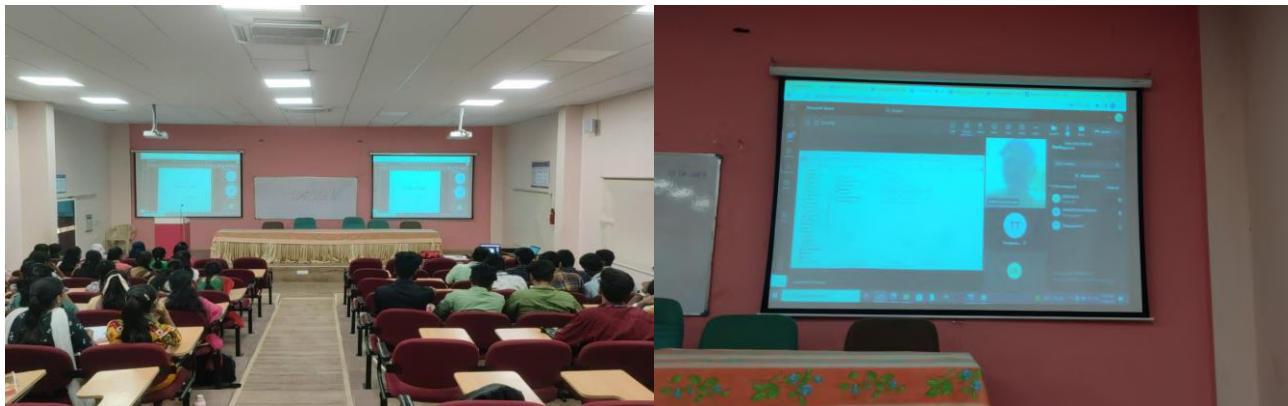


**Report on
Seminar on
“Exciting Project Ideas in IoT for Beginners”
Organized by
Department of Computer Science & Engineering
15.04.2023**



Submitted by : Mr K Sathish, Assistant Professor, Department of CSE.

Report Received on 25.04.2023

Attendance:100 participants (Internal)

The programme started at 10:30 AM, the entire programme was organized by the Convener **Mr.K.Sathish**, Assistant Professor, Department of Computer Science & Engineering and **Dr. R.Nidhya**, Professor in CSE, delivered the welcome address to the gatherings. The resource person **Dr.K.Sangeetha**, Associate Professor in CSE, Kongu Engineering College, Erode, Tamilnadu, was introduced by **Mr.K.Sathish**, Assistant Professor, Department of Computer Science & Engineering.

The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in Exciting projects in IoT for Beginners.

The following topics were discussed in the session

- Introduction to Internet of Things
- Definition and Characteristics of IoT
- Physical Design of IoT
- IoT Protocols
- IoT Communication Models
- IoT Communication APIs
- IoT enabled Technologies
 - Wireless Sensor Networks
 - Cloud Computing
 - Big data analytics
 - Communication Protocols
 - Embedded Systems
 - IoT Levels and Templates

Project Ideas in IoT:

- Smart Agriculture System
- Weather Reporting System
- Home Automation System
- Face Recognition Bot
- Smart Garage Door
- Smart Alarm Clock
- Air Pollution
- Monitoring System
- Smart Parking System
- Smart Traffic Management System
- Smart Cradle System
- Smart Gas Leakage Detector Bot
- Streetlight Monitoring System

The session was concluded at 12.15 PM followed by a vote of thanks, given by Coordinator of the Seminar **Mr T.Thangarasan**, Assistant Professor, Department of Computer Science & Engineering, MITS, Madanapalle.