Research and Development cell
Report – One day Workshop on "Embedded Systems and Internet of Things"

Department of R&D and MHRD-Institution Innovation Cell (IIC) of our college organized a **One Day Workshop on "Embedded Systems and Internet of Things**" on 21.2 2019, where 84 students and 10 faculty from various Engineering colleges gained knowledge. The objective of the workshop is to provide Hands-on training on IoT. Participants learnt and practically embedded programs to Arduino board. Students gained much more knowledge about practical implementations of IoT under the guidance of our resource person **Mr. A.Jeevanantham, Assistant Professor/Information Technology, Kongu Engineering College**, Perundurai.

Coordinators:

1. Mr.T.Pasupathi, Assistant Professor/ECE
2. Mr. J.Niranjan Samuel, JRF/R&D

Inaugural Session:

The dignitaries on the Dais during the inaugural session were Mr.P.P.Shantharaman, DRC Head, Mr.R.Sundaramoorthi, AP/EEE ,President IIC and Mr.T.Pasupathi, AP/ECE. The program was started with Thamizh Thaai Vaazthu followed by welcome address delivered by Mr.R.Sundaramoorthi, AP/EEE. Mr.T.Pasupathi, AP/ECE, has introduced about the resource person and he briefed about the objectives and scope of the workshop. Mr. A.Jeevanantham, Assistant Professor/Information Technology, Kongu Engineering College, delivered the inaugural address and explained technologies used in our day today life and the overview of IoT devices in various applications.

Honouring by P.P.Shantharaman AP/MECH   Practical session -1 by Resource person

Session 1- Overview of Internet of Things.

During the session, Mr. A.Jeevanantham, AP/IT, KEC, Perundurai, discussed real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario.

Session 2- Hands on training on IoT platform using Ardiuno

The second session of workshop was planned to provide hands on experience with IoT device and application. Participants were introduced to the Arduino and Rasberry Pi concept from a programming point of view and its relevance to IoT device. All the participants participated in coding for accessing IoT device through android application.

Practical session-2 by Resource person

Valedictory Function:

The participants shared their feedback about the training programme. Dignitaries, distributed the certificates to the participants. Mr. A. Herald, AP/ECE delivered the vote of thanks. Finally the program ended with National anthem.