Department of Electronics and Communication Engg.
AY:20-21

Report on In-House Inter-Departmental, Four day FDP **on** Developing Applications based on Arduino & Cloud operations

Name of the program : Developing Applications based on Arduino & Cloud operations
Date : (8-3-21 to 10-3-21, 12-3-21)
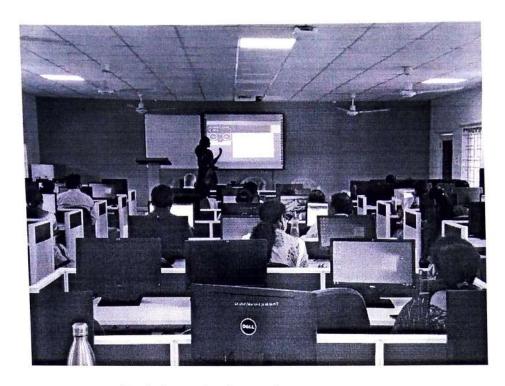**Venue:** e-class room, ECE Dept.

Description : This FDP was planned with an objective for faculty to have hands-on experience in Arduino, sensors hardware, Python and cloud communication experiments. The FDP was scheduled with Theory, Demo, and Practical's followed by simple exercise projects. This FDP was planned for around 25 faculty members, with 5-6 faculty members form each of CSE, ECE, EEE, ETM, IT departments.

The workshop covered following topics : Arduino Uno and Nano Architecture, Interface with sensors, Python Programming and Python Libraries, Developing GUI for database services application, Machine learning concepts on classification and Regression.

Outcomes: The basic knowledge gained by this FDP will definitely help faculty to get new ideas for projects and also to help students to do better in their projects.

Speaker details: Internal Faculty from CSE & ECE Depts.

Number of participants/students benefited: 38 Participants attended & have given Feedback. Feedback was taken and was analyzed, fond the overall feedback of workshop to be 60% excellent and 40% good. all the participants felt good about the hands-on practical sessions, and suggested for increased duration of workshop.

Participants in the session

Group phot of all the participants

Dr. Renuka Devi S M
Co-ordinator

Dr. B Venkateshulu
HOD , ECE