NARAYANA ENGINEERING COLLEGE :: NELLORE

Department of MCA

MCA Department has conducted One Week Faculty Development Programme on "**Internet of Things**" from 24th September to 29th September, 2018 at Kautilya Seminar Hall in C – Block, NEC, Nellore. The faculty Program found to be very useful to the staff members to improve knowledge in Internet of Things. Mr. Y. Vishnu Teja Reddy, Tech Lead, Infosys, Hyderabad headed the programme as a Resource person.

Resource Person Mr. Y. Vishnu Teja Reddy delivering keynote

Objectives:
- To learn the upcoming latest technologies related to research of alternates in this field.
- Gain knowledge in the Internet of Things domain.
- To obtain knowledge on tools like **Home Assistant, Device Hive, Raspbian** etc.

The first day, interaction is on various aspects of IoT, IoT Characteristics, Real-time analysis of incoming data streams with event aggregation, filtering, and correlation.

Faculty listening the concepts

Resource person interaction with the participants

On Second day, he delivered about on IoT architecture.

On Third day and fourth day Mr. Y. Vishnu Teja Reddy, explained on how Devices and objects with built_in sensors are connected to Internet of Things platform., which integrates data from the different devices.

On fifth day, he focused on IoT technologies such as IoT Security, IoT Device (Thing) Management, Low-Power, Short-Range IoT Networks, Wide-Area Networks, IoT Processors, IoT Operating Systems and Event Stream Processing.

On sixth day, Faculty obtained knowledge in Internet Of Things and its need in the IT industry.