

## Course content for Student Development Program (SDP) - 2 on **Internet of Things**

- Overview of IoT: Evolution and technologies used in IoT
- IoT embedded system, sensors and components
- Communication Technologies for IoT
- IoT Protocols: Data and Network
- IoT Security
- Edge Computing and IoT
- Cloud Computing and IoT
- Wearables and IoT
- IoT application in Smart Home
- IoT application in intelligent transportation system
- IoT for Healthcare
- IoT in Smart Farming
- Smart grid and IoT
- Hands-on training on Arduino based IoT system development