

RP/IPRC TUMBA

ACADEMIC YEAR: 2020-2021

Module Name: Internet of Things and Embedded System Applications

Level :3

Semester: 1

Assignment 2:

For this assignment you need to form a group with five members, one group will have five members. If there is formed group, we can use it for this course also but preferable if members are max five.

The Assignment is to prepare a presentation on the following topics. Focus on what its (may be historical background), The purpose of the technology, Its model/architecture together with the services available, its application and limitations.

The topics are the following:

- **Cloud computing**
- **Mobile edge Computing**
- **Fog Computing**
- **Micro data Center for Edge Computing**
- **Cloudlet**
- **IoT Communication protocols**
- **IoT Architectures**
- **Typical IoT boards(give brief description for each)**

Submission deadline: Wednesday 25/03/2021: 7:00AM