Subject: Mobile Computing

Class: BTech (CSBS) Sem VII

Faculty: Preeti Godabole

Weightage in Assessment: 10 Marks

**Topics for Presentation**

1. Study 2 papers on wireless Sensor networks protocols.
2. Study 2 papers on Cognitive radio networks – Spectrum sensing
3. LoRa and LoRawan applications and comparative study
4. Software defined radio- Challenges, applications and opportunities.
5. Resource Allocation for 5G Heterogeneous Networks: Current Research, Future Trends, and Challenges.
6. Android Hacking – How to protect your tools
7. Challenges and Issues in cross platform mobile apps.

**Topics for Implementation**

1. Develop a hybrid app to share and grade assignments of the students.
2. Develop a cross platform app to handle social problems like depression.
3. Develop an android app to assist children with dysgraphia / dyslexia.
4. Develop an app for development of emotional intelligence.
5. Develop an app to teach logic building.