

## **Project Title: Real-Time Task Scheduler for Multi-Core Processor**

### **Brief description of topic:**

Multi-Core processors find many applications in today's Cyber-Physical World. In order to obtain best performance of the Multi-Core system, a scheduler needs to be implemented to schedule multiple Real-Time tasks.

Therefore, it is required to first study the characteristics of real-time tasks and then design the scheduler for multi-core.

### **No of interns per project 3-4**

**Project guide details: Ms. Leena Ladge, Assistant Professor, IT Department, SIESGST**

**Preferred year for the intern: TE (2022 passout)**

**Prerequisite: Operating System, programming in C/Python, Linux**