

Activity-Based Teaching-Learning & Assessment Practices Report

- **Class:** S.Y B.Tech
- **Course Name:** Electrical Circuit Analysis
- **Course Code:** 2EEPC203
- **Academic Year:** 2023-24
- **Semester:** III
- **Name of the Activity:** Simulation based learning
- **Assessment Methods:** Participative Learning
- **Mode of Conduct:** MATLAB based activity
- **Date of Activity conducted:** 25/10/2023
- **Description of Activity:**

"Simulation based activity" is a structured educational exercise in which students has to solve given question in two parts: Using MATLAB software and numerical solution. In this activity students must solve numerical and verify response of system by MATLAB software. This activity enhances the problem-solving skills of student by both analytical as well as practical approach.

- **Outcomes of technique:**
 1. Experiential learning
 2. Enhancement of problem-solving skill
 3. Confidence Building

**Course Coordinator
(Name & Sign)**