

School of Engineering
Department of Electronics and Communication Engineering

Academic Year: 2024-2025

Date: 25-11-24

TEACHING ACTIVITY SHEET

Course Details

Class : II B. Tech. I Sem **Course Name** : Signals & Systems
Module Name : Signal Processing **Course Coordinator** : Mrs. G. Soumya
Module Coordinator : Dr.V.Sravan Kumar **Course Instructor(s)**:
1.Mrs. G. Soumya
2.Mrs.K.Madhavi

Gap(s) identified in the course:

1. Lack of clarity in differentiating types of systems
2. Difficulty in applying theoretical concepts to real-life examples.

Gap(s) bridged by conducting the activity:

- 1.Real-time polls engage students actively and make learning interactive.
2. Instant responses help identify misconceptions and address them immediately.

Teaching ActivityDetails

Unit No: 2 **Time & duration:** 02:20AM to 04:00AM **Venue:** S-09

Teaching Approach: Dynamic Learning->Real-Time Polls

Covered Topics:Classification of Systems

Utilization of ICT:No

Remarks (If Any)

Table 1: Impact Analysis of the activity

Objectives	Outcomes	POs & PSOs Coverage	SDG Addressed	Impact Analysis	
				No. of attendees	No. of beneficiaries
1.To understand and classify different types of systems. 2.To increase the active involvement of learners in the learning process. 3.To encourage learners to stay involved in the classroom. 4.To facilitate immediate feedback.	1.Classify the different types of systems. 2.Engage actively in the learning process and think critically by analyzing poll results.. 3.Identify areas of strength or weakness and assess their understanding level.	PO1 PO2 PO9 PO10 PO12 PSO1 PSO2	SDG4: Quality Education	36	36

Brief Report of the Activity with photographs

- A real-time polls activity was conducted on the topic "**Classification of Systems**" to increase student engagement and assess their understanding in an interactive manner. During the session, students responded to a series of targeted poll questions designed to test their ability to identify and differentiate between various types of systems.
- The immediate feedback from the polls helped highlight common misconceptions, allowing the instructor to address them promptly. This activity encouraged active participation from all students, promoted critical thinking, and made the learning process more dynamic and enjoyable.

- Overall, the use of real-time polls proved effective in reinforcing key concepts and enhancing students' grasp of the topic.

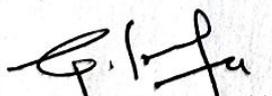


Fig 1 Real time polls

Justification of SDG Relevant to the Activity

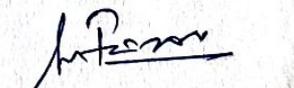
SDG 4: Quality Education.

- By focusing on understanding systems, increasing active learner involvement, encouraging sustained engagement and facilitating immediate feedback will enhance both the effectiveness and inclusiveness of the learning process.
- They promote interactive, student-centered education that not only improves knowledge retention and critical thinking but also ensures that learners remain motivated and supported throughout their educational journey


Course Instructor(s)


Course Coordinator


Module Coordinator


Program Coordinator/HoD