



Dr. D. Y. Patil Institute of Technology Pimpri, Pune - 411 018.
Department of Electrical Engineering

Date: -21/08/2024.

Circular

We are excited to announce that we will be conducting a **Role-Play Activity** titled “**Power Outage Crisis Management in a Smart Grid System**” today, 21st August 2024. This activity is designed for third-year engineering students under the subject of Industrial and Technology Management.

Objective: The primary goal of this role-play activity is to immerse students in a realistic scenario where they must manage a power outage crisis within a smart grid system. By participating in this exercise, students will:

- Apply their knowledge of electrical engineering and power systems to real-world problems.
- Develop critical problem-solving skills.
- Understand the importance of interdisciplinary collaboration in crisis management.

Activity Details:

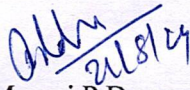
- **Date:** 22nd August 2024
- **Time:** [03:45- 04:45 pm]
- **Venue:** [Class room A-304]

Role-Play Presentation (5-8 minutes per team):

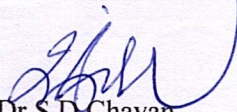
During the activity, each team will:

1. Present their Crisis Management Plan.
2. Role Presentation
3. Coordination Discussion.
4. Leadership and Discussion

Roles Assigned: Grid Operations Manager (Team Leader), Electrical Engineer, IT Security Manager, Renewable Energy Specialist, Public Relations (PR) Manager, Safety and Compliance Officer


Dr. Manasi P. Deore

Subject Teacher


Dr. S.D. Chavan

HOD

Title of Activity: "Innovative Teaching Learning Pedagogy"

Date & Day: 23/09/2024

Type of Activity: Role Play

Venue: Class Room no.B201

**Activity conducted by with Designation: -
Dr. Mrs. Manasi P.Deore**

Objectives:

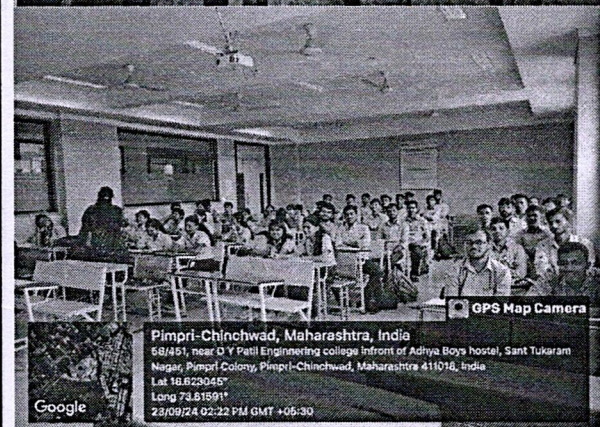
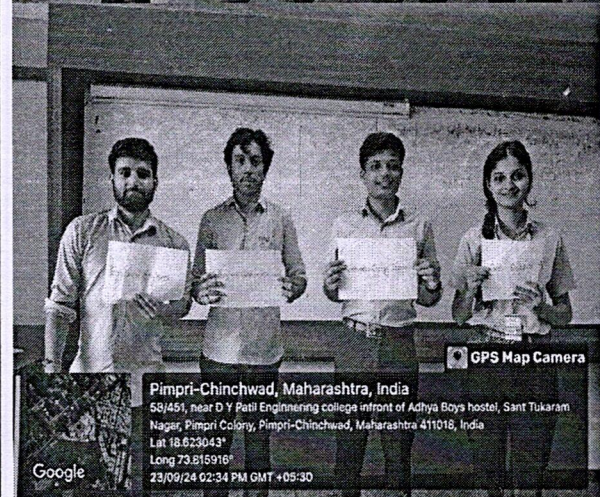
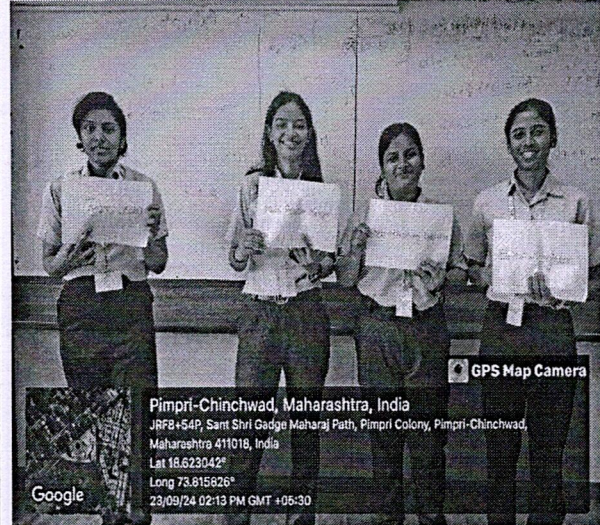
The objective of the role play activity "Power Outage Crisis Management in a Smart Grid System" is to simulate a power outage scenario, allowing participants to understand stakeholder roles, enhance communication and decision-making skills, and develop collaborative problem-solving strategies. This exercise aims to foster a deeper appreciation of technology's role in managing crises within smart grid systems.

No. of students attendee: 46

Summary of the event :

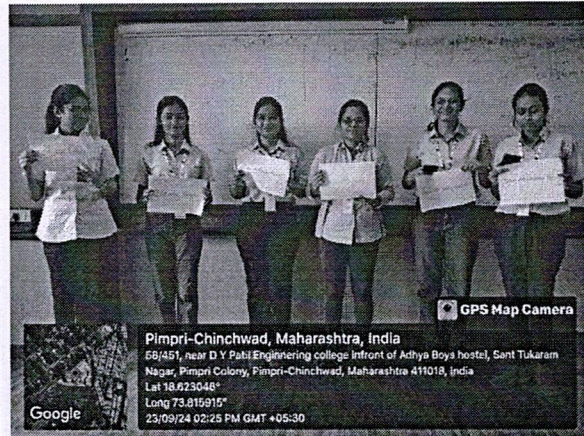
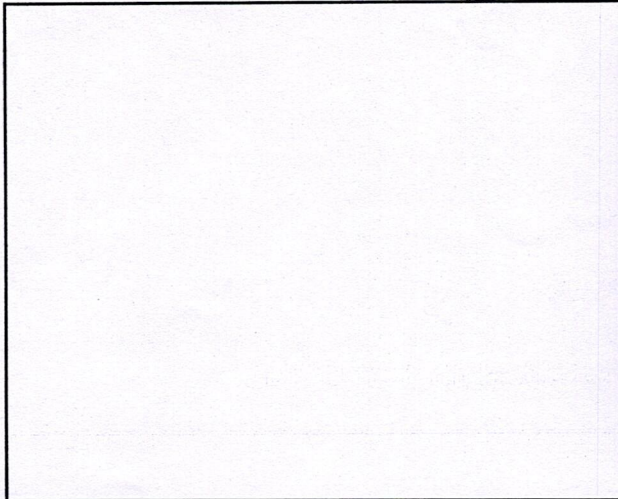
he role play activity for third-year engineering students in the Industrial Technology and Management course simulated a power outage in a smart grid system. Students were assigned specific roles such as Grid Manager, Electrical Engineer, IT Security Manager, HR Manager, Safety and Compliance Officer, and Renewable Energy Specialist. Each student prepared for their role to collaboratively address crisis challenges through effective communication and decision-making. The exercise enhanced their understanding of technology's role in crisis management and concluded with discussions on best practices and lessons learned, providing valuable insights into real-world applications..

Photographs





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Dr. D. Y. Patil Institute of Technology, Pimpri, Pune**



Outcome:

Highly effective in enhancing student engagement and performance.

It fostered a deeper understanding of complex concepts and improved practical application skills, making it a valuable approach for engineering education

Dr. Manasi P. Deore
Co-ordinator

Dr. S. D. Chavan
HoD (Electrical)