

Departmental – Activity Report Format

Department: Electrical and Electronics Engineering Department

Activity Category: Expert Talk

Title of the Activity: Testing Equipment and Techniques in Power System

Focus Area: Power Systems

1. Basic Details

- **Date of Activity:** 08 April 2026
- **Day:** Wednesday
- **Time:** 11:30 AM
- **Venue/Platform:** Lab
- **Organized by:** ElectroTech Society
- **Society Coordinator:** Dr. Poonam Juneja
- **Activity Coordinator(s):** Dr. LP Singh and Dr. Poonam Juneja
- **Number of Participants:**
 - Students: 55+
 - Faculty: 4

2. Speaker Details

- **Name:** Kunal Sharma
- **Designation:** CTO
- **Organization:** KPM India
- **Area of Expertise:** Power System
- **Brief Profile:** Over 17 years of experience in High-End Electrical Testing Equipment

3. Objectives of the Activity

- To provide students with practical insights into modern testing equipment used in power systems.
- To bridge the gap between theoretical knowledge and real-world industrial applications.
- To enhance students' understanding of advanced techniques used in electrical testing and diagnostics.

4. Description of the Activity

The expert talk on “Testing Equipment and Techniques in Power System” was organized to expose students to real-world practices in electrical testing and diagnostics. The session was conducted by Mr. Kunal Sharma, CTO at KPM India, who shared his extensive industry experience. The primary purpose of the event was to enhance students' understanding of modern testing equipment and their applications in power systems.

The speaker covered key topics such as high-end electrical testing equipment, diagnostic techniques and the integration of software and hardware in power system analysis. He also discussed real-life case studies and industry challenges, providing practical insights into the field.

The session included interactive discussions where students actively participated by asking questions related to equipment handling, career opportunities and industry trends. The talk successfully created an engaging learning environment, connecting academic concepts with industrial practices.

5. Learning Outcomes / Impact

- Students gained knowledge about advanced electrical testing equipment and their real-world applications.
- Enhanced understanding of practical challenges and solutions in power system testing.
- Increased awareness of industry standards, tools and emerging technologies.
- Encouraged development of a technical and innovation-oriented mindset among students.
- Improved clarity regarding career opportunities in the power systems and electrical testing domain.

6. Feedback Summary

- Mode of feedback collection: Google Form
- Average rating : 4/5
- Key feedback insights: Exploring, Intellectual, Industrial and real life experience.

7. Annexures

- Annexure I – Attendance Sheet
- Annexure II – Event Poster/Brochure
- Annexure III – Participant Feedback Summary



Fig1: Group photo for the event



Fig2: Elecrotech Team with speaker



Fig: Momento Presentation to Speaker



Fig: Speaker of the Event



Fig: Students Attending Event

Report Prepared By:

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Society: ElectroTech

Designation: President

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HoD

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Director