



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

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IQAC001

NBA Accredited

(CSE, ECE, EEE,

MECH, CIVIL)

ELECTRICAL SAFETY MEASURES & BEST PRACTICES FOR ELECTRICAL EQUIPMENT HANDLING IN WORKPLACES

Event No	IQAC001
Organizing Department	Internal Quality Assurance Cell
Date	10/06/2024 to 14/06/2024 (5 Days)
Time	10:00 AM to 04:00 PM
Event Type	VAC / Training Program
Event Level	NSC
Venue	EEE-Project Laboratory
Total Participants	28
Faculty - Internal	1
Other Participants	27

Related SDG**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Pazhanimuthu C	Assistant Professor (SI.G)	KPR Institute of Engineering and Technology	cpazhanimuthu@kpriet.ac.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Pazhanimuthu C	Convenor
2	Balamurugan K	Coordinator

Outcome

Participants will gain a fundamental understanding of electrical hazards commonly encountered in workplaces. This includes knowledge about electrical properties, types of shocks, and potential consequences of electrical accidents. They will be able to identify electrical hazards in their work environment and assess the risks associated with them. The training will emphasize safe work practices for handling electrical equipment. This includes procedures for using Personal Protective Equipment (PPE) like insulated gloves and safety glasses. Participants will learn about lockout/tagout procedures to de-energize equipment before performing maintenance or repairs. Proper use of electrical cords, extension cords, and plugs will be a key focus, preventing damage and potential electrical fires.

Event Summary

The training program was designed for non-teaching staff who work in environments where they may interact with electrical equipment. This included personnel from various departments. **Training Objectives** Equip participants with a fundamental understanding of electrical hazards in workplaces. Educate them on safe work practices for handling electrical equipment. Enhance their ability to identify and assess electrical risks. Promote informed decision-making when working around electricity. Foster a stronger safety culture within the workplace. **Training Methods** The training program incorporated a variety of methods to cater to different learning styles and maximize knowledge retention. The training session yielded positive outcomes, with participants demonstrating a significant increase in their knowledge and understanding of electrical safety. Key achievements include: Enhanced awareness of common electrical hazards and their potential consequences. Improved ability to identify electrical risks in the workplace environment. Strengthened knowledge of safe work practices, including proper use of PPE, lockout/tagout procedures, and electrical equipment handling techniques. Increased confidence in making informed decisions when working around electricity. The hands-on activities and practical exercises were particularly well-received by participants and facilitated better understanding of the concepts. The opportunity to ask questions and interact with the instructor was valuable for clarifying doubts and addressing specific workplace scenarios. The 5-day training session on Electrical Safety Measures & Best Practices for Electrical Equipment Handling was a success in equipping employees with the necessary knowledge and skills to work safely around electricity. The program has the potential to significantly contribute to a safer work environment and reduce the risk of electrical accidents.



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Internal Quality Assurance Cell
organizes a training session on

Electrical Safety Measures
& Best Practices for Electrical Equipment Handling in Workplaces

TRAINING SESSION
Resource Person
Dr. C. Pazhanimuthu
Assistant Professor (SLG) - EEE
KPRIET

10.06.24 to 14.06.24
VENUE : EEE - PROJECT LAB

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