



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

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EE002

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)

**SKILL BUILDING WORKSHOP FOR LAB TECHNICIANS**

<b>Event No</b>	EE002
<b>Organizing Department</b>	Electrical and Electronics Engineering
<b>Date</b>	25/05/2024
<b>Time</b>	09:00 AM to 04:30 AM
<b>Event Type</b>	Workshop
<b>Event Level</b>	NSC
<b>Venue</b>	Pallavi Hall
<b>Total Participants</b>	27
<b>Faculty - External</b>	27

Related SDG



Involved Staffs

Sl	Name	Role
1	Lalitha B	Convenor

Outcome

The non teaching staff members learned about new trends in electrical and electronics engineering

Event Summary

The Department of Electrical and Electronics Engineering was organized the "Skill Building Workshop for Laboratory Technicians" on 25/05/2024. A heart warming welcome was delivered by Dr.K.Mohanasundaram, Head of the department, Electrical and Electronics Engineering. The event resource person was Mr.Raja, Senior Engineer, Silicon Systems, coimbatore. He gave the hands on training on design of converter using MATLAB, trouble shooting in hardware circuit. The next session was laboratory visit. The following laboratory experiments were demonstrated. Exploring the power electronics: Lab demonstrations and experiments. Electrical machines laboratory: Motors, Generators and Transformers. Hands on experience with power systems simulation software. Laboratory exercises in control systems and automation. Practical applications of renewable energy systems. Smart home automation: Design and installation. Practical understanding of electrical codes and standards. The afternoon session was centre of excellence visit. The participants visited EKKI water technology centre, Hybrid and electric vehicle laboratory, L&T Edutech, Robotics and automation laboratory and drone lab. The vote of the thanks delivered by Ms.B.Lalitha, AP(Sr.G) / EEE and certificate were distributed to the participants. Totally 27 non teaching staff members were benefited in this workshop.



The poster features the KPR Institute of Engineering and Technology logo at the top left, with the text 'Learn Beyond (Autonomous, NAAC "A")'. Below this, it identifies the 'Department of Electrical and Electronics Engineering (Accredited by NBA)'. The main title is 'Organizes "A Skill Building Workshop for Laboratory Technicians" on 25<sup>th</sup> MAY, 2024'. A list of workshop topics includes Power Electronics, Electrical Machines, Power Systems Simulation, Control Systems And Automation, Renewable Energy Systems, Smart Home Automation, and Electrical Codes And Standards. It also states a registration fee of Rs.200/- and provides contact details for Ms. B. Lalitha. A QR code for registration is included with the URL <https://forms.gle/9eWng1ZmW5087>. The footer contains the website [kprinet.edu.in](http://kprinet.edu.in) and social media icons.

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