



Learn Beyond

**KPR Institute of  
Engineering and  
Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

**Phone:** 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**IEEE AT001****NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)**HANDS-ON TRAINING ON ELECTRIC AND HYBRID VEHICLE TECHNOLOGY**

<b>Event No</b>	IEEE AT001
<b>Organizing Department</b>	IEEE Advisory Team
<b>Associate Dept.   NSC</b>	Electrical and Electronics Engineering
<b>Date</b>	24/04/2024
<b>Time</b>	02:00 PM to 04:00 PM
<b>Event Type</b>	VAC / Training Program
<b>Event Level</b>	Dept. Level
<b>Venue</b>	Electric and Hybrid Vehicles Laboratory
<b>Total Participants</b>	30
<b>Students - Internal</b>	30

**Related SDG****Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	C J Vignesh	Assistant Professor (Sr.G)	KPR Institute of Engineering and Technology	vignesh.cj@kpriet.ac.in	xxxxxxxxxx

**Involved Staffs**


Sl	Name	Role
1	Pazhanimuthu C	Coordinator
2	Dinesh C	Coordinator

**Outcome**

Participants gained practical experience working on electric and hybrid vehicles

**Event Summary**

Participants gained practical experience working on electric and hybrid vehicles, including: Safely handling high-voltage systems  
Diagnosing common EV/HEV problems  
Performing basic maintenance and repairs  
Understanding the operation of electric motors, batteries, and power electronics  
The training boosted participants' confidence in working with electric and hybrid vehicles, preparing them for potential careers  
Electric vehicle service and repair  
Battery maintenance and diagnostics  
Hybrid vehicle repair  
Electric vehicle research and development  
Participants gained a deeper understanding of the safety protocols and procedures specific to working with high-voltage systems in electric and hybrid vehicles.  
The hands-on nature of the training likely fostered collaboration and teamwork as participants tackled challenges and troubleshooting exercises  
The training likely involved working on real electric or hybrid vehicles, giving participants hands-on experience with: Troubleshooting actual malfunctions and component failures  
Applying theoretical knowledge to diagnose and solve practical problems  
Working within a time frame to complete specific repair tasks  
This expanded response provides a more detailed picture of the potential outcomes of a hands-on training program. It highlights the specific skills gained, career paths opened, safety emphasis, real-world application, and long-term impact on participants' professional development.



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IEEE Power and Energy Society  
Organises a Hands-on Training on  
**Electric and Hybrid Vehicle  
Technology**

Student PES Day Ambassador  
Mr.G.K.Kumaran/ CHE

IEEE SB Counsellor  
Mr.C.Dinesh, AP (Sr.G) / EEE


Faculty Coordinator  
Dr.C.Pazhanimuthu, AP (Sl.G) / EEE

24.04.2024 | 02.00 PM  
ELECTRIC AND HYBRID VEHICLES LABORATORY

For Registration



kpriet.edu.in | KPRIETonline

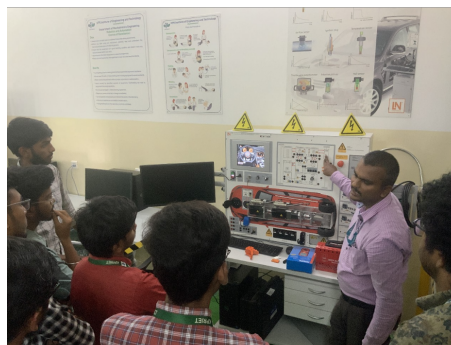


Resource Person  
**Mr.C.J.Vignesh**  
Assistant Professor (Sr.G)- EEE  
KPR Institute of Engineering and Technology  
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