



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**

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

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



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

For Registration



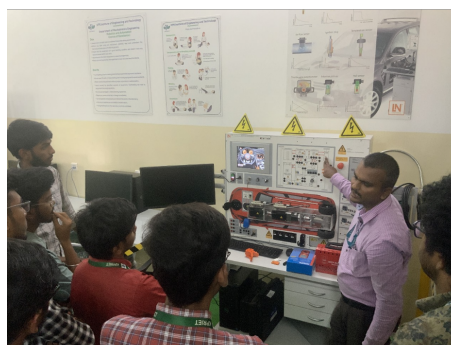
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