



2 Day Global Online Proficiency Improvement Programme (oPIP) on “Simulation and Optimization of Thermal Management System of xEV”

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Progress through Research

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Learn from
Industry Experts

oPIP Overview:

In the wake of growing concerns over petroleum supplies and air pollution, *xEV* are being developed and defined as cost effective, reliable and safe alternative to conventional gasoline and diesel engines. Advanced numerical simulation helps accelerate the development of safe, long-lasting and cost-effective batteries for electric vehicles. Thermal analyses of cabin have always been important for the layout of HVAC systems in cars. *xEV* call for an even more extensive study of the energy balance of the entire thermal system of the car. This mainly includes the batteries themselves since running within the optimal operating temperature range extends life and maintains maximum possible capacity.

ARA Academy invites the delegates to explore the knowledge in the area of Simulation and Optimization of Thermal Management of *xEV*.



Join us on
29th & 30th July 2021
from
09.30 AM to
12.30 PM



02 Days- 06 Hours
Via
Online
Platform

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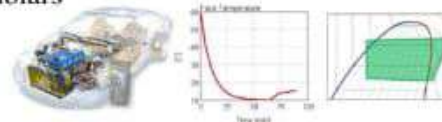
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Who Can Attend?

- Organizations involved in R&D, testing, validation specializing in *xEV*.
- Engineers working in the field of FEM / CAE / Simulation of EV Components
- Manufacturing companies of battery, electric motor and other EV components
- Engineering / Consulting Companies
- Students/ Professors/ PhD Scholars



HVAC & Cabin
comfort of *xEV*

Note : ARAI reserves the right to change the dates, contents, schedule, etc. for the program without any notice. No recordings of the training session will be provided .

- 10% discount, if 5 or more delegates are registered from an same organization.
- Candidates with more than 50 % marks in the assessment test are eligible for the certificate.
- Participants from organization in SEZ must confirm the applicability for GST before making the payment.

Pricing Category	Registration Fees
Industry Professionals / Teaching Faculty	Rs. 3000/- + 18% GST = Rs. 3540/-
Student	Rs. 2250/- + 18% GST = Rs. 2655/-

- **Mode of Payment: Online Transaction**
- ARAI Pune Account No: 04470200000280
- IFS/RTGS/NEFT Code: BARB0KARVER (0=Zero)

What's in it for you?

To understand (how to):

- Model & Analyse Hybrid and Electric Vehicle Architectures.
- Determine Optimum Motor Rating for Range and Performance using Simulation
- Challenges in Battery Thermal System Modelling
- Selection of Optimum Hybrid Architectures using Virtual Tools
- Tuning of Engine Controls for Real Driving
- Virtual / Efficient Calibration

For registration, please Email to
training.pga@araiindia.com

Contact Information

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