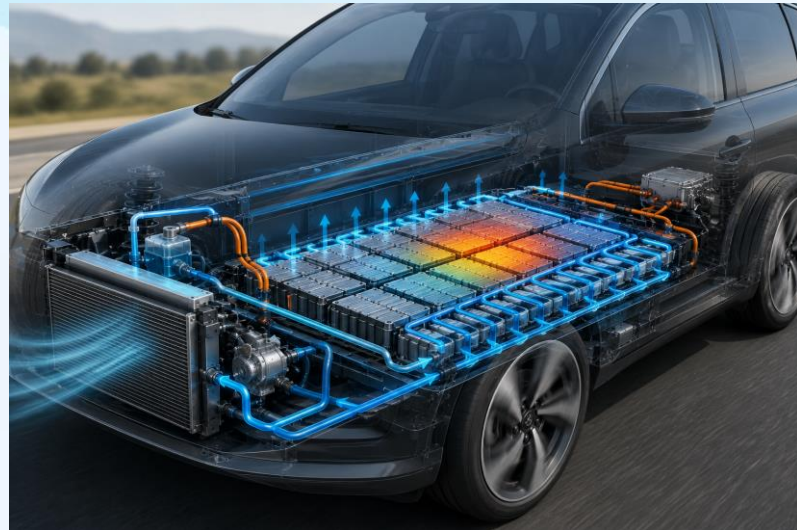


2-Day Certificate Programme on

Thermal Management of EV Batteries



ARAI Academy, FID, Chakan



07th & 08th September 2026

SPEAKERS



Mr. Rafal Kadlof
Director
Impact Clean Power, Poland



Mr. Kishor. D Udawant
General Manager,
ARAI, Pune



Dr. Yogesh K. Bhateshvar
Deputy General Manager
ARAI, Pune



Mr. Aatmesh Jain,
Manager
ARAI, Pune



Mr. Sourabh Chavan
Lead Battery Design Engineer
Global Electronics, Pune



Dr. Pranjali Tete
Assistant Professor
D. Y. Patil International University,
Pune



Mr. Dinakaran P
Lead Battery Design Engineer
Global Electronics, Pune



Mr. Mihir Makwana
Staff Engineer
Synopsis, Pune

* Additionally, speakers from ARAI & other Industries may be invited.

Programme Objectives

As electric vehicle technology continues to evolve, effective battery thermal management has become essential for improving battery performance, safety, reliability, and lifespan. This program on **“Thermal Management of EV Batteries”** provides a comprehensive overview of battery thermal management systems (BTMS), covering battery technology, thermal runaway, battery pack thermal design, simulation-driven development, and advanced cooling solutions. Participants will explore active, passive, liquid, and hybrid cooling techniques, along with emerging thermal management materials for next-generation EV battery packs. The program is further enriched with live demonstrations using ARAI-developed BMS Trainer Kits and Electric 4W Battery Packs, followed by a guided visit to the ARAI COE Green Mobility – Advanced Battery Testing Laboratory. Designed for engineers, researchers, academicians, and industry professionals, this program delivers practical knowledge and hands-on exposure to modern thermal management technologies for electric vehicle batteries.

Schedule of the Programme

Start	Subject
Day One: 07-09-2026 Monday	
08:30	Registration & Breakfast
09:30	EV Battery Technology, Thermal Runaway & Thermal Management
10:45	Tea & Networking Break
11:00	Battery Pack Design for Thermal Management
12:00	Battery Thermal Management Systems
13:00	Lunch break
14:00	Simulation Driven BTMS Development
15:00	Tea & Networking Break
15:15	Demo on BMS Trainer Kit/ Electric 4W battery Pack
16:15	Conclusion
Day Two : 08-09-2026 Tuesday	
08:30	Breakfast
09:00	Phase Change Materials (PCM) & Heat Pipes in Passive BTMS
10:00	Liquid Cooling Systems in Battery packs – Design & Components
10:45	Tea & Networking Break
11:00	Hybrid Cooling Systems in Batteries
12:00	Trends in Thermal Management Materials for EV Battery Packs
13:00	Lunch Break
14:00	Visit to COE Green Mobility (Advance battery Testing laboratory)
16:00	Online Feedback & Assessment

Note: ARAI reserves the right to change the dates, contents, schedule, etc. for the programme without any notice.

03 REGISTRATION CONTACT:

Contact Details

Phone: 02135-630795/90 or 02135-396695/90

Email: training.pga@araiindia.com ; patil.pga@araiindia.com

Website: <https://www.araiindia.com/services/knowledge-dissemination>

Office Address: ARAI Academy, ARAI-FID, B-16/1, MIDC, Chakan, Mahalunge Ingale, Maharashtra 410501

04 REGISTRATION FEES:

Registration Fees (Rs.)

Rs.12,000 + 18% GST = Rs. 14,160 (per participant)

Limited seats for Faculty & Student with a special discount

10% DISCOUNT if 5 or more delegates are registered from the same organization

For Registration



Who should attend:

- Organizations involved in EV Battery R&D, Testing & Validation.
- EV, Battery & Automotive Component Manufacturers.
- Engineers working in Battery Pack Design, BMS & Thermal Management.
- Start-ups working in the field of Electric Vehicles & Energy Storage.
- Engineering Students, Professors & PhD Scholars.