

2-Day Certificate Programme on *Li-ion Cell, Battery & BMS Testing*



14th & 15th May 2026



ARAI Academy, Chakan, Pune



SPEAKERS



Mr. Abhijit B. Mulay
Deputy Director
ARAI, Pune



Mr. Sachin Pandit
Sr. General Manager
ARAI, Pune



Dr. Varun Natu
Scientist, CSIR



Mr. Harshad Bokill,
Senior Vice President R&D
Futran Podcars.



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



Mr. Pritesh S. Shinkar
Sr. Manager
ARAI, Pune



Mr. Aatmesh Jain
Manager
ARAI, Pune



Mr. Vaibhav Joshi
Deputy Manager
ARAI, Pune



Mr. Aravind Krishnan
Sr. Engineer
ARAI, Pune



Mr. Akash K. Kakde
Engineer
ARAI, Pune

01 OBJECTIVES:

The Certificate Program on Li-ion Cell, Battery & BMS Testing is a focused, industry-aligned training designed to provide participants with comprehensive technical knowledge of lithium-ion battery systems used in electric vehicles. This two-day intensive program covers the fundamentals of lithium-ion cell chemistry, battery construction, and performance characteristics, along with detailed insights into battery testing methodologies and applicable standards. Participants will gain hands-on understanding of advanced testing techniques, including thermal characterization using adiabatic calorimetry and analysis of thermal runaway behavior in lithium-ion cells. The program also emphasizes the fundamentals and real-world applications of Battery Management Systems (BMS), including safety analysis in accordance with ISO 26262 and battery thermal management strategies. Through a combination of expert sessions and an advanced battery testing lab visit, attendees will be exposed to practical testing environments, diagnostic approaches, and industry best practices. By the end of the program, participants will have a strong foundation in lithium-ion battery technologies, safety considerations, and testing procedures essential for electric vehicle applications.

02 SCHEDULE OF THE PROGRAMME:

Day One: 14th May 2026 (Thursday)

Topics

08:30	Registration & Breakfast
09:15	Key note Opening speech
09:30	Introduction to EV Batteries
10:30	Tea & Networking Break
10:45	Fundamentals of Lithium-ion Cells and Chemistries
11:45	Li-ion Battery Testing for EVs
12:30	Lithium-ion Cell Testing Methods and Standards
13:30	Lunch Break
14:15	Thermal Characterization of Lithium Ion cell using adiabatic calorimeter
15:00	Tea & Networking Break
15:15	Thermal Runaway for Li-ion Batteries
16:15	Conclusion

Day Two: 15th May 2026 (Friday)

09:30	Fundamentals and Applications of BMS
10:30	Tea & Networking Break
10:45	Safety Analysis of BMS in accordance with ISO 26262
11:45	Battery Thermal Management
12:45	Lunch Break
13:45	Visit to HTC
14:00	Advance Battery Testing Lab Visit
16:00	Feedback & Assessment

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

05 PAYMENT INFORMATION:

Mode of Payment: Online Transaction

ARAI Pune Account No: 04470200000280

IFSC/RTGS/NEFT Code: BARBOKARVER (0=Zero)

Note: Participants from organization in SEZ must confirm the applicability for GST before making the payment.

Who Should Attend:

- Engineers in EVs, Battery Systems, and BMS
- Professionals from OEMs, Battery & Auto-ancillary industries
- Testing, Validation & Safety Engineers
- EV & Battery Start-ups
- Researchers, Faculty, and PG/PhD Students
(Automotive/Electrical/Electronics)