

WORKSHOP AT SIIMC 2024

13th Dec 2024

Automotive industry has been the birthplace for innovation and the recent electric disruption has created an impetus to evolve faster. India has seen a strong pivot towards battery electric vehicle (BEV) in the 2W, 3W space, along with encouraging adoption in the 4W and mass transit vehicles, with companies exploring BEV amongst the technology mix.

With the myriad of options available from the vehicle level to powertrain to component level (battery, motor types, cooling strategies), lack of legacy design knowledge and an exponentially large operating envelope of traditional testing driven product development approach can cause timeline and cost challenges. This is where virtual designs and development of products becomes the need of the hour!



JOIN US

This 3-hrs workshop will be focusing on electric powertrain and battery modeling that would help during EV product development!



Agenda (Demo + Presentation) - 3hrs

12:00pm - 01:30pm

- BEV Integrated Multiphysics System Simulation and Modularity
- e-Powertrain modelling
- Real-world driving scenarios with GT-Real Drive

01:30pm - 02:30pm (Lunch Break)

02:30pm - 04:00pm

- Battery modelling overview (Ageing, performance etc.)
- System-level integration & real-world battery aging scenarios
- Machine learning for fast, integrated battery/system modelling

(Limited seats only)

**Please register with official corporate email ID
This workshop is for working professionals only**

Register Now

