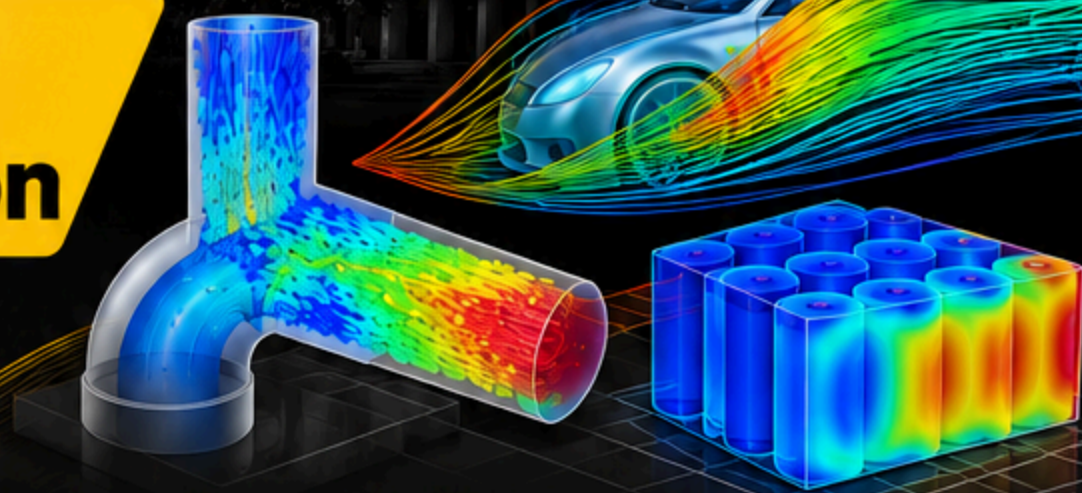


Platinum Jubilee M3PM Conference at IIT Kharagpur

Ansys Fluent Workshop Session

 **17 December 2026**

 **IIT Kharagpur**



Workshop Agenda



Morning Session

- | | |
|-----------------------|---|
| Lecture 01: | Introduction to Fluent and Discovery |
| Lecture 02: | Latest updates on Ansys Fluent |
| Workshop 01: | Creating and Repairing Geometry in Discovery |
| Workshop 02: | Fluent Single Window Workflow : Mixing Tee |
| Lecture 03 : | Battery Modeling |
| Workshop 03.1: | Simulating a Single Battery Cell Using the MSMD Battery Model |
| Workshop 03.2: | Simulating a 1P3S Battery Pack Using the Battery Model |



Afternoon Session

- | | |
|---------------------|---|
| Lecture 04: | Two-way FSI Simulation |
| Workshop 04: | FSI simulation of a Hyper-elastic beam |
| Lecture 05: | Dynamic Meshing |
| Workshop 05: | Store separation using Overset approach |



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