Demonstration of technologies (track events) at ICAT Manesar Test Track, Gurgaon between 17th Nov and 20th Nov, 2021

Technology Presentation

Presentation on latest technology like ABS, ESP, Tire Dynamics, SIL/HIL & Virtual validation etc. by our leading technology partners.

➢ Classroom session on Important tests used to evaluate, Braking Steering and Handling performance.

Technology Demonstration

Technology demonstration on vehicle handling by leading Tire companies/ESP/ABS/Chassis System developer by conducting various practical test to showcase the latest technologies and the improvement in vehicle stability they present.

Training Program

➢ Classroom session on Important tests used to evaluate, Braking Steering and Handling performance.

- Steady State Circular Test
- SLC/DLC
- Slalom Test
- Sine Test
- Pulse Input etc.
Classroom session on different instruments required for vehicle dynamic testing, data collection, Post processing and report generation.

1. Equipment (Steering Robot, Inertial Navigation System, Steering Wheel Sensor, Data Acquisition System)

2. Parameters (Lat Acceleration, Yaw Rate, Slip Angle, Steering Angle, Steering Torque, Roll Angle etc.)

3. Analysis Software (post processing & report generation)

**Test Track Event**

Practical technology demonstration on track with different category of vehicle instrumented with Steering Robot, Inertial Navigation System, DAQ and other sensor for measurement of different input and output parameters.