

**Seminar: Vehicle Dynamics an Overview**

Resource Person: Mr. Jeffin Job has completed his under graduate in Mechanical Engineering at Christ University, Bangalore. Has done his masters in Automobile Engineering at MIT Campus, Anna University, Chennai. He has 6 years of working experience in vehicle dynamics field at Apollo Tyres. Out of which 5 years in Testing team and 1 year in Simulation. Presently he holds the position of Associate Manager in Apollo Tyres – R&D.

Coordinator: Dr. A. Arivazhagan, Asst Professor, Automobile Dept.

Assistant staff: Mr. Sravan, Mr. Ranjan & Student Volunteers.

Objective: To enhance the knowledge of automobile students in the field Vehicle Dynamics. Since the domain is highly significant in the automobile industry.

Topics covered:

- Vibration – Whole body vibration, motion sickness.
- Vertical dynamics – quarter car model.
- Tyre dynamics – Magic Formulae.
- Various vehicle dynamics testing.

No of students: Around **60 +** students from various department (Automobile, Mechatronics, Aerospace, Mechanical).

Photos:



Feedback: Students were actively participated. Seminar was very interactive. Questions asked were answered in a precise manner by the resource person. Overall seminar was really useful to us.