

AICTE Short Term Course on Recent Advances in Automotive Systems, February 2-6, 2015, Department of Engineering Design, IIT Madras

	9 am to 10:30 am		10:45 am to 12:15 pm		1:45 pm to 3:15 pm		3:30 pm to 5 pm
Feb. 2, 2015	Evolution of Combustion Systems Dr. Pramod Mehta, IITM		Load Durability Analysis - Dr. R. Krishna Kumar, IITM		Automotive NVH - Mr. P. Sakthivel, VIT		Automotive Regulations - Mr. Arun S., Ashok Leyland
Feb. 3, 2015	Electric Hybrid Vehicles - Mr. C. S. Nanda Kumar, Bosch		Tyre Modelling - Dr. N. Rao, JK Tyres		Automotive Control - Dr. C. S. Shankar Ram, IITM		Automotive HiL Testing - Mr. K. Sundaravadivelu, Mahindra
Feb. 4, 2015	Autonomous Ground Vehicles - Mr. S. Sahoo, CAIR		Hydraulic Hybrid Vehicles - Dr. Somasekhar H., IITM		Current Trends in Engines - Dr. A. Ramesh, IITM		Electronics in Automobiles - Dr. Arunkumar Sampath, Mahindra
Feb. 5, 2015	Vehicle Dynamic Testing - Dr. Jaiganesh, JK Tyres		Automotive ECU - Dr. Manivannan, IITM		Automotive Signal Processing - Dr. C. Sujatha, IITM		Vehicle Dynamic Testing (Demonstration) - Dr. Jaiganesh, JK Tyres
Feb. 6, 2015	Learner Centered Teaching Approaches, Dr. E. Prasad, IITM		Multibody Dynamics Application to Automotive Analysis - Dr. P. Chandramouli, IITM		Interaction with Dean (Academic Courses) and Lab Visit		Valedictory Session at 4 pm

Note:

1. Lectures would be held in Room No. ED103 (Conference Room), Department of Engineering Design, IIT Madras.
2. Participants are requested to register at ED103 between 8:15 am to 8:40 am on February 2, 2015.
3. The STC would be inaugurated by the HoD, Department of Engineering Design, at 8:45 am on February 2, 2015.
4. Tea Breaks (on all days): 10:30 am to 10:45 am AND 3:15 pm to 3:30 pm.
5. Lunch Break (on all days): 12:15 pm to 1:45 pm.