Institute Lecture

Can India get to 100% Electric Vehicles by 2030? What does it mean for the auto and oil industry?

Professor Ashok Jhunjhunwala
Principal Advisor to the Minister of Power and MNRE

31st October 2017, Time: 04:00 PM, Venue: L16, LHC

Abstract

Electric vehicles are known to be far more energy-efficient and have much greater reliability due to much fewer moving parts. With falling prices for batteries, it is a matter of few years, before the price of the vehicles will be on par with ICE vehicles and with much lower operating costs. What does this mean for India? What happens to our auto-industry which contributes to 6.1% GDP and a large number of jobs? What happens to our oil refineries and oil distribution industries? What does India need to do protect and grow its GDP and jobs! When is the transition likely to happen? What are the engineering Challenges? This talk will attempt to discuss and answer many of these issues.

About the speaker

Ashok Jhunjhunwala, Professor at IIT Madras, is currently on deputation as Advisor to the Minister of Power and MNRE. He was a faculty member at Washington State University before joining IIT Madras.

His group TENET has designed a large number of technologies in many sectors. He conceived and built the first Research Park (IIT Madras Research Park) in India which houses over 165 companies. He leads IITM Incubator which has incubated 120 companies so far.

He has been a Board Member of a number of private and public companies. These include State Bank of India, TATA Communications, BSNL, Bharat Electronics, Mahindra Electricals, Sasken, Polaris, NRDC, BIRAC, Intellect, Tejas, TTML, IDRBT, and HTL. He is currently Chairman of the Technology Advisory Group at SEBI.

Prof. Jhunjhunwala received the Padma Shri in 2002, and the title of “Dronacharya” for his contributions to the cause of entrepreneurship. He is a fellow of IEEE, INSA, NAS, IAS, INAE and WWRF. He holds an Honorary Doctorate of the University of Maine and Blekinge Institute of Technology, Sweden. He is an alumnus of IIT Kanpur (BT/EE/1975).

Tea at 03:45 PM

All interested are welcome.

S. Ganesh
Dean of Research and Development, IIT Kanpur