

TECHNICAL ACTIVITY CARRIED OUT BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:	Meerut Local Centre		
Title of Activity:	Lecture Meeting		
Activity under Divisional Board (delete which are not applicable):	ET		
Date:	19-11-2023	Venue:	IEI Office A-12 Surya Nagar, Saket, Meerut

Brief Report (not exceeding 4000 characters)

Future of Electric Vehicles

Er. R.P. Agrawal, Chairman of IEI, LC Meerut welcomed all members present. Er. S.C. Mittal Hony. Secretary introduced the key note speaker Dr. Saadat Ali Rizvi, who is working in Jamia Milli Islamia, New Delhi as Workshop Superintendent (Faculty Member). Dr. Rizvi published 3 technical books and more than 42 papers.

Dr. Rizvi expressed the need of utility of EVs for increasing greenhouse emissions and decreasing the oil reserves. He explained that the EVs use the electricity as their primary fuel. EVs are mainly of three categories:-

- (i). Hybrid Electric Vehicles HEV
- (ii). Battery Electric Vehicles BEV
- (iii). Fuel Cell Electric Vehicles FCEV

The advantages are that the EVs run noiselessly, there is no emission, require less maintenance and their manufacturing is very simple.

All the members appreciated the lecture as the same was very educative. Dr. Rizvi gave answers to all queries raised by members present there.

In the end Er. S.C. Mittal Hony. Secretary gave vote of thanks to all the members.