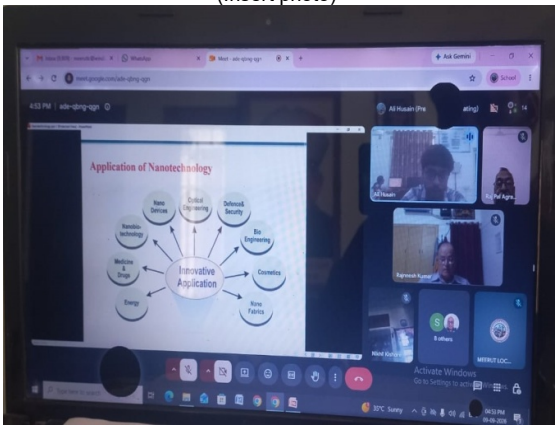


TECHNICAL ACTIVITY CARRIED OUT BY CENTRES

Name of Centre	Meerut Local Centre		
Title of Activity:	Royal Charter Day		
Activity under Divisional Board	Statutory Day		
Date:	09-09-2026	Venue:	Webinar from own place

(Insert photo)	(Insert photo)
	
Title of photo : Presentation by Dr. Ali Husain	Title of photo: Screenshot of the webinar

Brief Report :-

Royal Charter Day was celebrated by organizing a webinar on Google Meet. Er. S.C. Mittal, Chairman, Meerut Local Centre welcomed the guests and members of IEI. Er. Rajneesh Kumar gave a presentation on Royal Charter. He told about the Royal Charter, brief history and background of IEI Royal Charter and sequence of events which took place during the process of award of Royal Charter to the Institution. He explained the objectives of IEI as incorporated in the Royal Charter and action to be taken to achieve them. He stressed on what is not allowed to be done. Er. Rajneesh Kumar concluded his lecture by explaining how the institution is run.

Er Ali Hussain BTech, MTech, research scholar delivered a lecture on 'Introduction to Nano technology and Nano materials.'

Nano technology refers to the constructing and engineering of the fractional systems at very micro level or we can say at atomic level. A nanometer is one billionth of a meter, roughly the width of three or four atoms.

It uses materials like:

Zinc Oxide - Dirt repellent, hydrophobic, cosmetic and stain resistant.

Silver ion – Healing property.

Aluminium silicate- Scratch resistant.

Gold ion - Chip fabrication, drug delivery.

Nano technology has its application in various fields viz Energy, Medicine & drugs, Nano-biotechnology, Nano devices, Optical engineering, Defence & security, Bio engineering, Cosmetics and Nano fabrics.

In cancer it provides new options for drug therapies.

He further said that in India IIT Mumbai is the premier organisation in the field of nanotechnology. Research in the fields of health, environment and medicine is still

going on.

Er. Nikhil Kishore, Hony. Secretary, IEI, Meerut Local Centre presented the vote of thanks.