

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):	CP		
Date:	04-02-2024	Venue:	IEI Office A-12 Surya Nagar, Saket, Meerut



Audience in Lecture Meeting

Speaker Delivering Talk

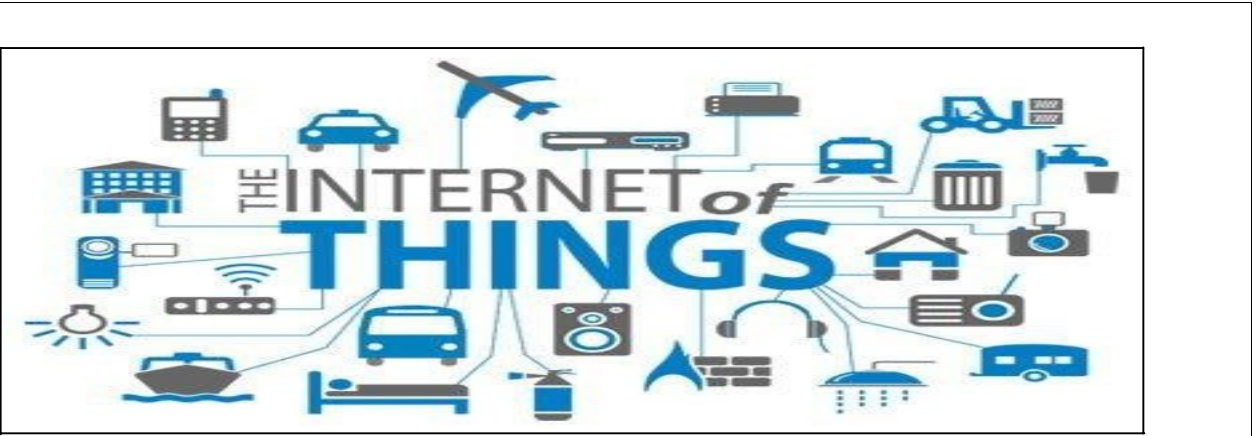
Brief Report (not exceeding 4000 characters)

IoT and Its Applications

Er. R.P. Agrawal, Chairman of IEI, LC Meerut welcomed all members present. Er. S.C. Mittal Hony. Secretary introduced the key note speaker Er. Shiv Kumar, who is working in D.N. Polytechnic, Meerut.

The **Internet of Things (IoT)** provides the ability to interconnect computing devices, mechanical machines, objects, animals or people with unique identifiers and to transfer data across a network without the need for human-to-human or human-to-computer interaction. IoT applications bring a lot of value to our lives. The Internet of Things provides objects, computing devices, or unique identifiers and people the ability to transfer data over a network without human-to-human or human-to-computer interaction.

IoT is a platform where embedded devices are connected to the Internet to **collect** and **exchange** data. It enables machines to **interact, collaborate** and **learn** from experiences like human. IoT applications equipped billions of objects with **connectivity** and **intelligence**



Benefits of the Internet of Things

- **Automation**- Removing the need to perform mundane tasks like turning the thermostat on and off or locking doors increases efficiency and quality of life.
- **Conservation**- Automation makes it easier to manage energy consumption and water usage without human oversight or error.
- **Big data analytics**-Information that was previously difficult to collect and analyse can be tracked effortlessly with the Internet ofThings.

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