Internet of Things(IoT)

- ➔The Internet of Things, or IoT, refers to the billions of physical devices around the world that are now connected to the internet, all collecting and sharing data.
- ➔Connecting up all different objects and adding sensors to them adds a level of digital intelligence to devices and enabling them to communicate real-time data without involving a human being.
- ➔The Internet of Things is making the world around us more smarter and more responsive, merging the digital and physical universes.
- ➔Traditional fields of embedded systems,wireless sensor networks,control systems,automation independently and collectively enable the Internet of things.
- ➔The IoT creates opportunities for more direct integration of the physical world into computer-based systems, resulting in efficiency improvements, economic benefits, and reduced human exertions.

Relation Between IoT and Embedded Systems

- ➔ The Internet of Things(IoT) is a process in which objects are equipped with sensors, actuators, and processors that involve hardware board design and development, software systems, web APIs, and protocols, which together create a connected environment of embedded systems.
- ➔ The connected environment allows technologies to connect multiple devices, platforms, and networks.
- ➔ The Relation between IoT and Embedded Systems creates a web of communication that changes the way we interact digitally with the world.