

# Internet of Things (IoT), IoT Protocols and It's Application

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**Abstract:** *We are entering in a beginning of a new computing technology i.e. Internet of Things (IOT). IOT is a sort of “universal global neural network” in the cloud which connects various devices. The Internet of Things (IoT) is defined as a paradigm in which objects provide with sensors, actuators, and processors communicate with each other to serve a meaningful purpose.*

*The IOT is an intelligently connected devices and systems which be made up of smart machines interacting and communicating with other machines, environments, objects and infrastructures and the Radio Frequency Identification (RFID) and sensor network technologies will go up to meet this new challenge. .The type of communication is either human-to-human or human-to-device, but the Internet of Things (IoT) promises a great future for the internet where the type of communication is machine-to-machine (M2M).[2] The WSN (Wireless Sensor Network) is a central component of the IoT. Wireless sensor networks (WSNs) play an important part in IoT technology.. ZigBee standard is an important WSN and IoT communication protocol in order to facilitate low-power, low-cost IoT applications and to handle numerous network topologies. [1]*

**Keywords:** IoT, IoT Architecture, IoT Protocols, Application of IoT