



Padm. Dr. V. B. Kolte College of Engineering, Malkapur
Department of Computer Science and Engineering

Summary Report

“Guest lecture on Internet of Things”

The department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur (VBKCOE) conducted guest lecture on “**Internet of Things**” for all the students of CSE 3rd year on 12 Sept. 2022 at 11:00 AM. We conduct this activity to improve the knowledge of students in industrial point of view.

The Internet of things (IoT) describes physical objects (or groups of such objects) with sensors, processing ability, software, and other technologies that connect and exchange data with other devices and systems over the Internet or other communications networks. Internet of things has been considered a misnomer because devices do not need to be connected to the public internet, they only need to be connected to a network and be individually addressable.

The field has evolved due to the convergence of multiple technologies, including ubiquitous computing, commodity sensors, increasingly powerful embedded systems, and machine learning.^[7] Traditional fields of embedded systems, wireless sensor networks, control systems, automation (including home and building automation), independently and collectively enable the Internet of things. In the consumer market, IoT technology is most synonymous with products pertaining to the concept of the "smart home", including devices and appliances (such as lighting fixtures, thermostats, home security systems, cameras, and other home appliances) that support one or more common ecosystems, and can be controlled via devices associated with that ecosystem, such as smartphones and smart speakers. IoT is also used in healthcare systems.

There are number of concerns about the risks in the growth of IoT technologies and products, especially in the areas of privacy and security, and consequently, industry and governmental moves to address these concerns have begun, including the development of international and local standards, guidelines, and regulatory frameworks.

Name of Speaker: Mr. Vijay Tathe
CEO & Project Head
Microspectra Software Technologies Pvt. Ltd.

Date: 12-09-2022

Time: 11:00 AM

Total no. of students attended this program: 53

Program in charge: Prof. S.L. Farpat, CSE department, VBKCOE, Malkapur.




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