

Module#5 Accessible Learning

Name _____ Class number: _____
Section: _____ Schedule: _____ Date: _____

Lesson title: Basic of Computing Platform: What is Emerging Technology?

Learning Targets:

1. Importance of Emerging Technology.
2. What are the examples of Emerging Technology ?

A. Introduction

What is Emerging Technology?

The word "emerging technology" is typically used to describe a new technology, but it can also refer to the ongoing evolution of an existing technology. When used in different contexts, such as in the media, business, science, or educational fields, it can have slightly different meanings. The phrase is often reserved for technologies that are having, or are anticipated to have, major societal or economic implications. It is used to describe technologies that are presently under development or that are anticipated to be accessible within the next five to ten years.

B. Main Lesson

1. What is the importance of Emerging Technology?

- Modernizing industries depends heavily on emerging technologies. Enterprises are being transformed into a digital environment with the aid of new technologies. These markets—manufacturing, energy, and mobility—can all benefit from this technology. Every time the phrase "technology" is used, something new is always being developed or put into use that could benefit organizations. the desire to learn more about technology and how it will affect how people live their lives on a daily basis.

2. What are the examples of emerging technology?

- **Artificial Intelligence and Machine Learning**

- The first two technologies on the list are AI and machine learning (ML), which are playing a bigger role in our daily lives. Machine learning is a branch of artificial intelligence (AI) that increases the precision of predictions. AI is the capacity of a computer to mimic human behavior. Many industries, including health care, banking, and transportation, currently use them. Among other things, these technologies can be applied to automate processes, generate predictions, and analyze data.

- **Blockchain and Web3**

- A decentralized, secure method of storing and processing data that is increasingly popular is blockchain technology. We can anticipate seeing an increasing number of creative use cases develop over the next few years since blockchain and Web3 technologies have the ability to disrupt a wide range of businesses.

- **Intelligent Automation and Robotic Process Automation**

- We'll move on to RPA and intelligent automation as our next technology. Given how quickly technology is developing and changing, it is difficult to forecast what the new use cases for RPA and intelligent automation will be in 2023.

- **Internet of Things (IoT)**

- Internet of things (IoT) is the next item on the list. The Internet of Things (IoT) is a network of interconnected devices that can

exchange data and communicate with one another. In numerous industries, this technology is being utilized to increase productivity, automate processes, and facilitate decision-making.

- **Quantum Computing**

- A type of computing known as quantum computing manipulates data using quantum-mechanical phenomena. Problems that are now too complicated for conventional computers can be resolved by this technology. It is being researched in industries including financial modeling and medicinal discovery.

C. Conclusion:

Overall, these emerging technologies have the potential to drastically alter a variety of industries as well as how people live and work. These new technologies have a wide range of possible applications, and as they develop further, we may anticipate even more creative and revolutionary use cases. As more businesses use these solutions to automate a variety of business operations and increase productivity, these technologies will grow over the course of the upcoming year.

Author:

WINSTON & STRAWN: <https://www.winston.com/en/legal-glossary/emerging-technology>

IIMT Group Of Colleges Greater NOIDA: <https://www.iimtindia.net/Blog/importance-of-emerging-technologies/>

EisnerAmper: <https://www.eisneramper.com/insights/technology/top-trends-technology-catalyst-0123/>

