

Module 4: Emerging Technologies and Innovation

Course Outlines

- Overview of emerging technologies and their global impact.
- Introduction to Artificial Intelligence (AI) and Machine Learning.
- Understanding the Internet of Things (IoT) and smart systems.
- Basics of Blockchain, Cloud Computing, and data-driven innovation.
- Case studies on technology adoption in business, education, and healthcare.
- Exploring innovation and entrepreneurship in the digital era.

Course Outcomes

By the end of this module, students will be able to:

- Explain the key concepts of emerging technologies and their applications.
- Evaluate how AI, IoT, and Blockchain influence modern industries.
- Identify opportunities for innovation using digital technologies.

- Understand the role of data and automation in shaping the future.
- Apply critical thinking to propose innovative digital solutions.