## **Group Assignment(Presentation)**

Form a group of not more than seven and according to the topic you are assigned present in general about:

- What it(your topic) is about?
- Development(History)?
- Applications?
- How do they work?
- 1. Networking and Security
  - a. Distributed Systems
  - b. Cybersecurity
  - c. Cryptography
  - d. Blockchain
- 2. Theory of computation and Algorithms (Complexity)
  - a. Numerical Analysis
  - b. Automata Theory
  - c. Formal Language
  - d. Turing Machine
- 3. Software Engineering and Programming Languages
  - a. Data Structures
  - b. Web Development
  - c. Application Development
- 4. Database Management and Systems
  - a. Big Data
  - b. Data Science
  - c. Data Warehouse
  - d. SQL
- 5. Computer Architecture and Operating Systems
  - a. Hardware
  - b. Parallel Processing
  - c. Scheduling
  - d. Digital Logic

## 6. Computer Graphics

- a. Game development
- b. Simulation
- c. Augmented Reality(AR)
- d. Virtual Reality(VR)
- e. Human-Computer Interaction

## 7. Artificial Intelligence

- a. Machine Learning
- b. Natural Language Processing(NLP)
- c. Computer Vision
- d. Image Processing
- e. Robotics