

## 2.4. Information Era



# Information Era

- Information Era is a name given to a period after the Industrial age and before the Knowledge economy.
- Technological advances such as mobile phones, high speed connections, Voice Over IP have changed lifestyles around the world and spawned new industries around controlling and providing information.

# Information Technology

- Information technology is the use of technology to enhance the speed and the efficiency of the transfer of information.
  - The Personal Computer
  - The Internet and email
  - Digital Revolution
  - Information & Communication Technology

# Information Economy

- The information economy is where the productivity and competitiveness of units or agents in the economy depend mainly on their capacity to generate, process, and apply efficiently knowledge-based information.
  - global
  - highly productive
  - change in the manner of obtaining profits.

# E-Commerce

- E-commerce is buying and selling over the Internet or any transaction concluded through an information network involving the transfer of ownership or rights to use goods or services
- The different types of e-commerce are: business-to-business (B2B); business-to consumer (B2C); business-to-government (B2G); consumer-to-consumer (C2C).

# Globalization

- The closer integration of the countries and people of the world which has been brought about by the enormous reduction of costs of transportation and communication, and the breaking down of artificial barriers to the flows of goods, services, capital, knowledge.

# The challenge ahead

- Web and Information Infrastructure
- E-commerce and E-business
- Legal and Regulatory Issues in the Information Economy
- E-Government
- ICT and Education
- Genes, Technology and Policy