


INFORMATION TECHNOLOGY



Information Technology (IT) is a combination of telecommunications and computing to obtain, process, store, transmit and output information in the form of voice, pictures or text.

IT includes the following:

- Software applications and operating systems.
- Web-based information and applications such as distance learning.
- Telephones and means of telecommunications.
- Video equipment and multimedia products.
- World Wide Web.
- Electronic devices such as photocopiers.

INFORMATION

- Collection of facts gathered through various means of communication and plays a vital role in drawing a conclusion (eg. People, newspaper and television)
- A critical tool for development

Attributes possessed by information

- Accurate
- Timely
- Complete
- Precise
- Relevant

Need for Information

Information is required for carrying out all the decision-making activities of an organization.

Some Common Needs are :

- Information and Decision-Making
- Information and Communication
- Information and Knowledge
- Information and Productivity

TECHNOLOGY

- Technology is the knowledge generated for the purpose of development of new systems to help solve practical problems.

Some advantages of technology:

- Makes Work Easy
- Fast
- Helpful in Performing Creative Work

Components of Information Technology:

- Hardware
- Software
- Data
- People

Role of Information Technology:

- Information Technology in Business
- Information Technology in Manufacturing
- Information Technology in Mobile Computing
- Information Technology in Public Sector

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- Information Technology in Defence Services
 - Information Technology in Education
 - Information Technology in Publication
 - Information Technology in Education