

# Lecture – 04



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# Outline

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- ❑ Applications of Computer
- ❑ ICT and IT
- ❑ Advantages of Computer
- ❑ Disadvantages of Computer
- ❑ Uses of Computer Application
- ❑ Social Media Concept

# Uses/ Applications of Computer

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The various applications of computers in today's arena:

- ▶ Education
- ▶ Business
- ▶ Banking Sector
- ▶ Marketing
- ▶ Insurance

# Uses/ Applications of Computer

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The various applications of computers in today's arena:

- ▶ Communication
- ▶ Hospital & Health Care
- ▶ Military and security
- ▶ Engineering
- ▶ Science and Research



# ICT and IT

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ICT and IT are two terms that are closely connected to the term 'technology'.

- ▶ **ICT** stands for “Information and Communications Technology”. Information and Communications Technology is a term related to the use of technology for a better and more efficient communication. ICT is often associated with the field of education.



# ICT and IT

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- ▶ **IT** (Information Technology) refers to an entire industry that uses computers, networking, software and other equipment to manage information.

# Difference between IT and ICT



ICT	IT
ICT is the acronym for Information and Communications Technology.	IT is the acronym for Information Technology.
ICT is associated with the field of education.	IT is associated with the field of computers, software, networks, etc.
The function of ICT is to help make the process of communication and attaining and imparting information better with the help of technology.	The function of IT is to help attain an efficient way or method for the management of information, with the help of technology.
ICT is used in academic institutions and purposes.	IT is used in corporate and other huge, complex companies and institutions.
ICT can be considered as an extensional term or simply as an extension of IT, mainly used in an academic setup.	IT can be considered as an industry by itself, used for efficient management of information, mainly used in software, networking, etc.



# Advantages/ Benefits of IT

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- ▶ Access to Information
- ▶ New Jobs
- ▶ Saves Time
- ▶ Entertainment
- ▶ Communication
- ▶ Cost Efficient



# Advantages/ Benefits of IT

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- ▶ Learning Techniques
- ▶ Disabled are Empowered
- ▶ Globalization
- ▶ Improved Banking
- ▶ AI (Artificial Intelligence)



# Disadvantages/ Demerits/ Drawbacks of I'

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- ▶ Data Security
- ▶ Crime and Terrorism
- ▶ Privacy Concerns
- ▶ Social Disconnect
- ▶ Digital Media Manipulation



# Disadvantages/ Demerits/ Drawbacks of I'

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- ▶ Job Insecurity
- ▶ Plagiarism and Copyright
- ▶ Anonymity and Fake Personas
- ▶ Overreliance on Gadgets
- ▶ Addiction



# Uses of Computer in medical Sector

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- ▶ Maintain Medical and Patient Data
- ▶ Life support system
- ▶ Monitor Patients
- ▶ X-ray and CT scanning
- ▶ MRI (Magnetic Resonance Imaging )
- ▶ Research and Studies



# Uses of Computer in medical Sector

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- ▶ Maintain and secure Data Storage
- ▶ Surgical Procedures
- ▶ Medical Imaging and Equipment
- ▶ Communication and Telemedicine
- ▶ Security and Organized Record-Keeping
- ▶ Give Patient Report

# Facebook



- ▶ Facebook is a social networking website. It helps us to be connected with our family members, cousins, and friends. Facebook has become the most popular networking website. It was founded in 2004 by Mark Zuckerberg, a student of Harvard University.

# Facebook



- ▶ At first, it was used as a college networking site but now it connects people worldwide. A Facebook user can create a profile page with his information. He can search for his family members, friends, and cousins by typing the name, phone number, school, college, or location.

# Facebook – Cont.



- ▶ He can share his thoughts, photos, videos, activities with connected friends. A person can send text messages, voice messages, and make a voice or video call to his friends. Facebook also helps business owners sell and customers find their products.



# Facebook – Cont.



- ▶ On the other hand, there are some disadvantages of Facebook too. Teenagers who spend a lot of time using it will suffer in the long run. It kills their valuable time of the study. Sometimes people share wrong and hateful news and information that cause harm to others. Cybercriminals are always active. They can steal your information from your profile and harass you.

# Facebook – Cont.



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- ▶ Facebook, people know about different cultures worldwide. Sometimes, they start practicing other cultures forgetting their own cultures. Thus It causes a cultural assault breaking our own cultures.
  - ▶ There is no denying fact that Facebook has a lot of advantages with some disadvantages too. So, we must be careful about using this social media.



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Any Questions?