

# What is telecommunication?

- The transmission of information that allows for communication between people who are separated by distance.

# Examples of Telecommunication :

- telephone system
- satellite communication system
- mobile cellular system
- radar and sonar systems
- microwave radio systems
- space discovery using telecommunications



# Basic Elements of Telecommunication:

Sender:

Who uses a transmitter which converts the message into a signal.

Transmitter:

Transmits the information through a medium to the receiver which transmits the signals into information that can be used and understood by people.

Channel:

Responsible to transfer the information from the source to the destination without distortion or loss of information.

Receiver:

Converts the received signal back into a form that can be understood by the end user. This often involves demodulation to extract the information from the carrier signal.

