

COMMUNICATIONS SYSTEM CONCEPT MAP

1. Source of Information: a) Audio b) Video c) data etc. which are converted in to electrical form called signal.
2. This will be amplified with the help of audio amplifier.
3. In the transmitter AM will be formed in which modulating signal and carrier wave of high frequency will be modulated and then amplified with radio frequency amplifier.
4. Then through a proper channel it will be transmitter with the help of transmitting antenna.
5. Immediately after receiving the signal by receiving antenna it will be amplified as it might have undergone attenuation by the medium.
6. Then the AM wave will be retraced and the process is called demodulation.
7. With the help of IF system frequency of the radio waves will be made low to the intermediate level.
8. In the demodulation at first through rectification process upper side band will be extracted.

9. From the upper side band the carrier called the modulating signal is separated by the proper filter. It will be converted with the help of transducer in our convenient form for the user of information.

1.COMMUNICATION SYSTEMS

BLOCK DIAGRAM

