

## **Digital Communication Systems Lab Syllabus**

- 1- Sampling
- 2- PCM Encoding and Decoding
- 3- Line Code Encoding and Decoding
- 4- ASK Modulation and Demodulation
- 5- FSK Modulation and Demodulation
- 6- PSK Modulation and Demodulation
- 7- Modeling digital Communication System Using MATLAB
- 8- Introduction to LabVIEW and software defined radio SDR-USRPs