

Lab Objective – 2: Communication Signal with Information and Message

Please refer the Lecture session conducted over “Communication Signals with Information and Message”.

Write List-wise that what you have learned from this Assignment?

1. Select a paragraph with two or three statements in English text.
Refer ASCII Code Table from Book of FLOYD.
Convert Text to Binary Number stream.
Convert Binary Number Stream into Digital Signal and Plot it.
Convert Digital Signal into Analog i.e. Sinusoidal wave and Plot it.
2. Draw any random Sinusoidal wave of some long length.
Convert Sinusoidal wave into Digital Square wave.
Convert Pulsating square wave into Binary data stream.
Develop seven-bit groups for that binary data stream.
Convert each group into ASCII character.
Develop the paragraph from that character data.

Submit handwritten work preferably, however you may type wherever you feel necessary.