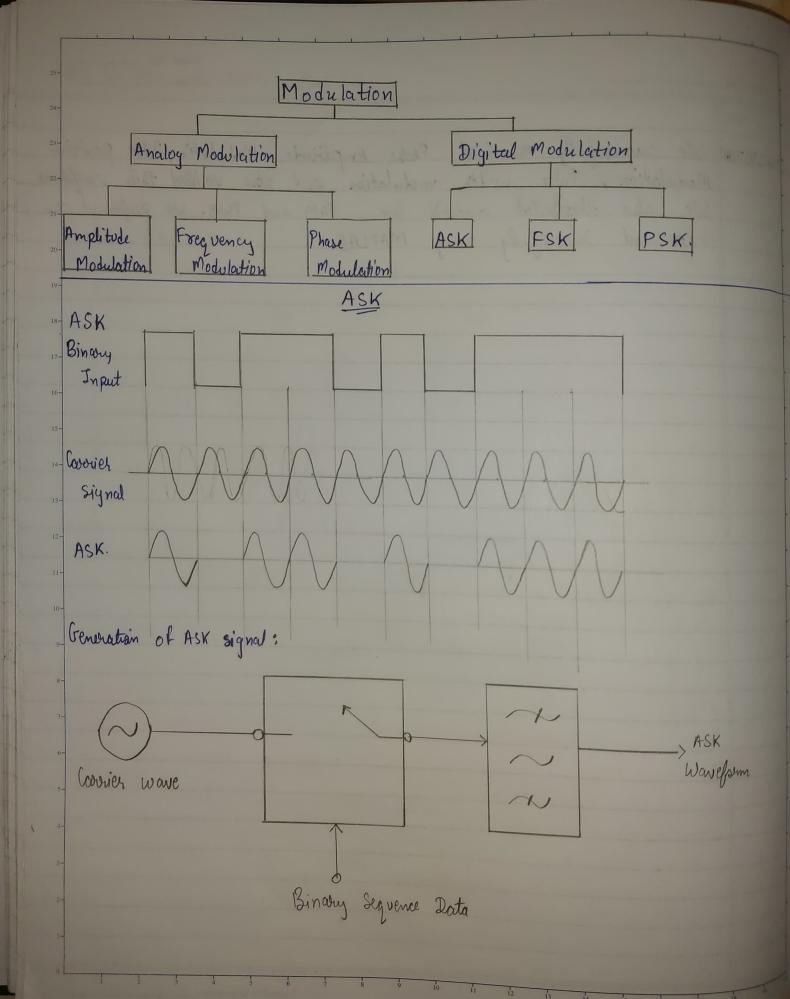
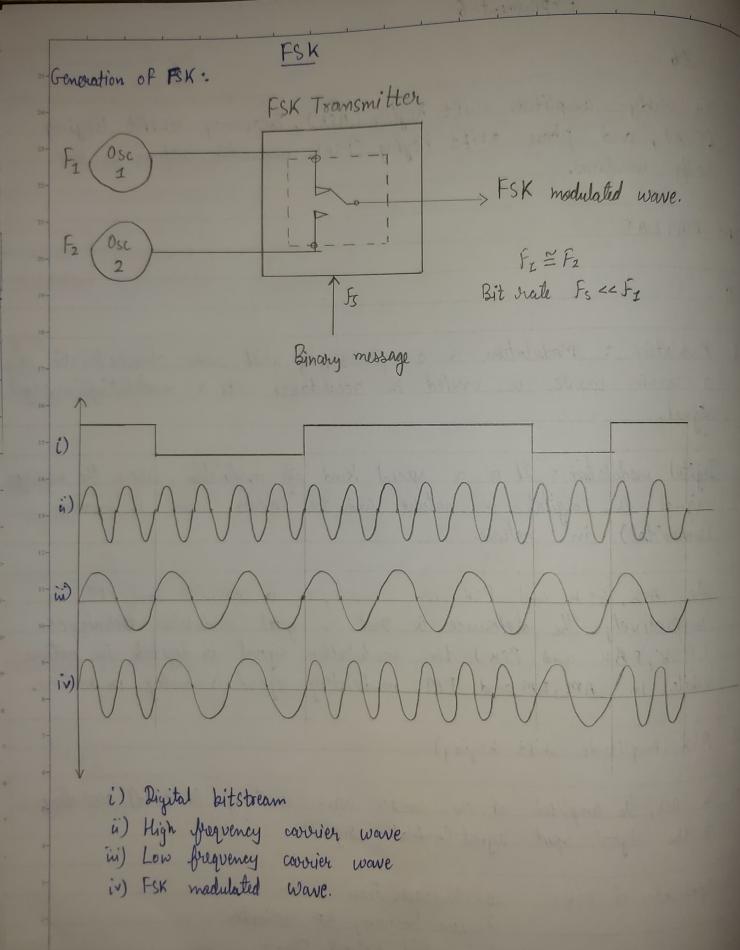
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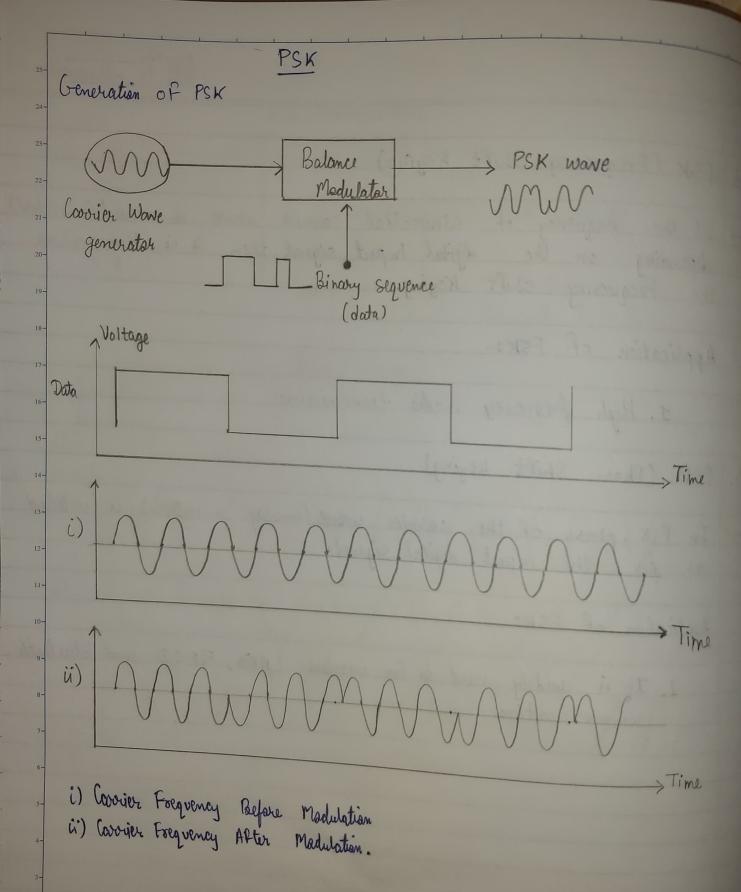
Page No._ AIM: To study amplitude shift Keying (ASK), Folgvency shift Keying (FSK), and phase shift Keying (PSK) modulation technique and verify woweforms. APPARATUS: MATLAB THEORY: 1. Modulation: Madulation is a process, by which some characteristic of a coverier wave is varied in accordance with a madulating (message) Digital medulation: It is a special Kind of modulation, where the message signal is digital in nature and the corrier wave is analog (sinuspidal) in nature. The ASK, FSK and PSK are analogous to AM, FM and PM respectively. The difference is that in digital modulation techniques CASK, FBK and PSK) the modulation signal is digital in nature while In AM, FM and PM modulating signal is analog in nature. 2. ASK (Amplitude Shift Keying) The ASK, the amplitude of the coordier wave is changed (switched) according to the digital input signal (modulating signal). Application of ASK: 1. Wireloss Base Station 2. Low Frequency RF Application 3. Industrial Network Devices

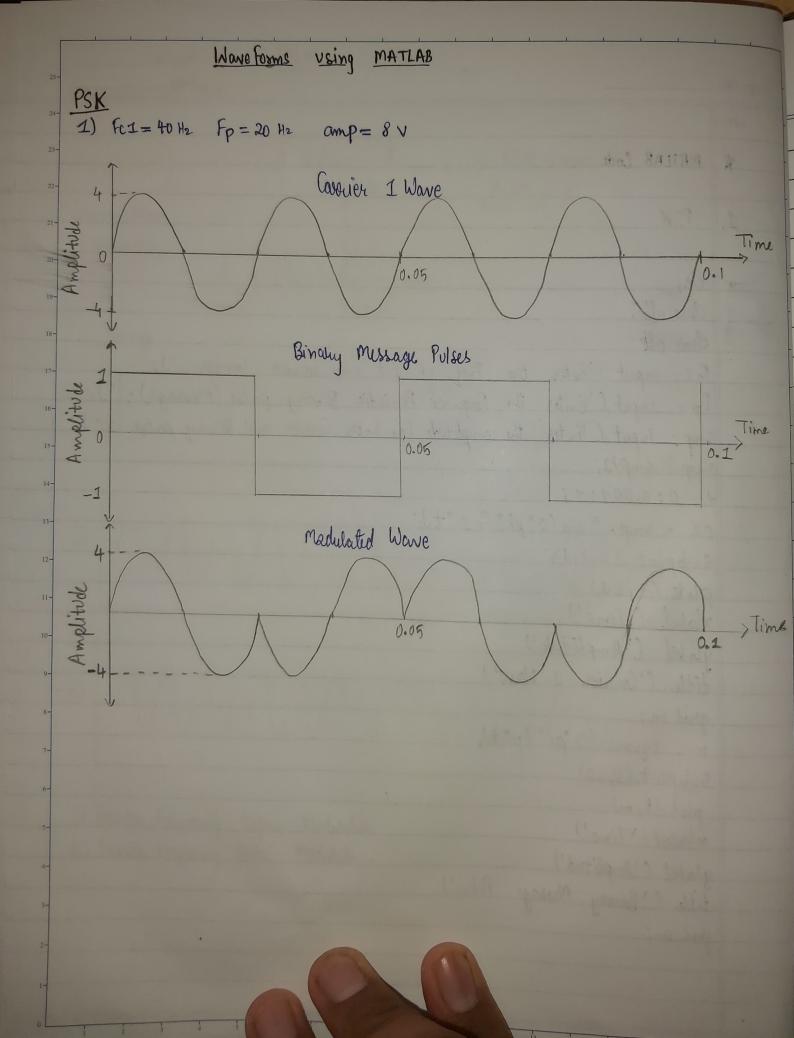
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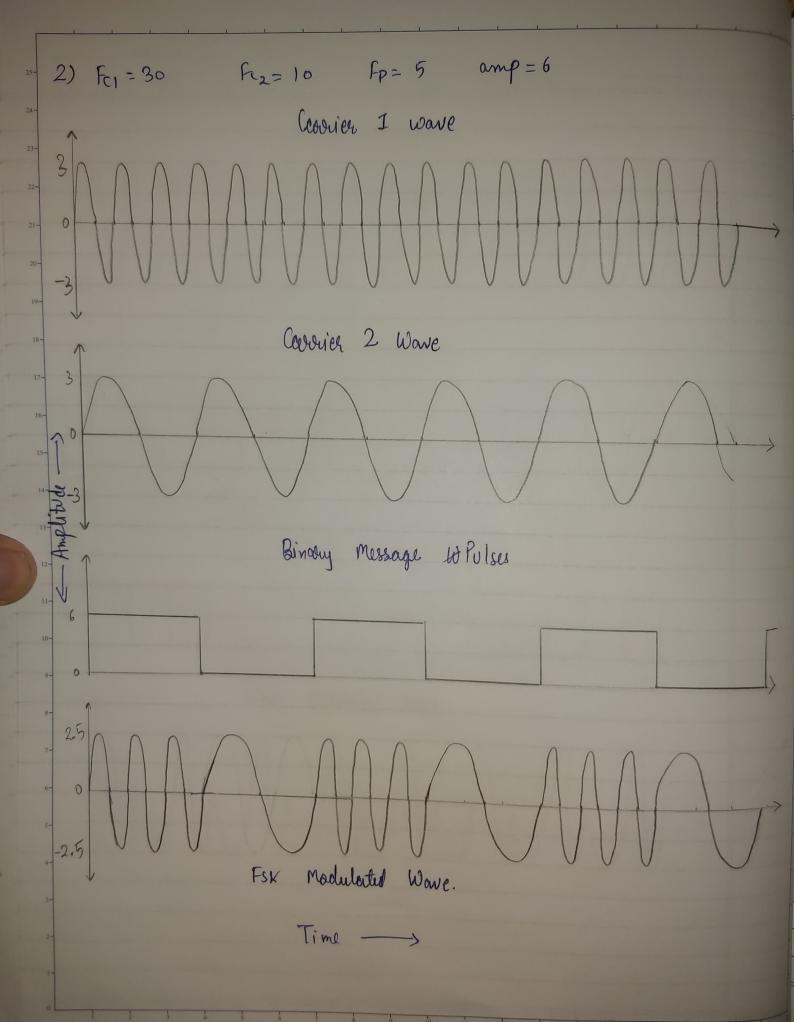


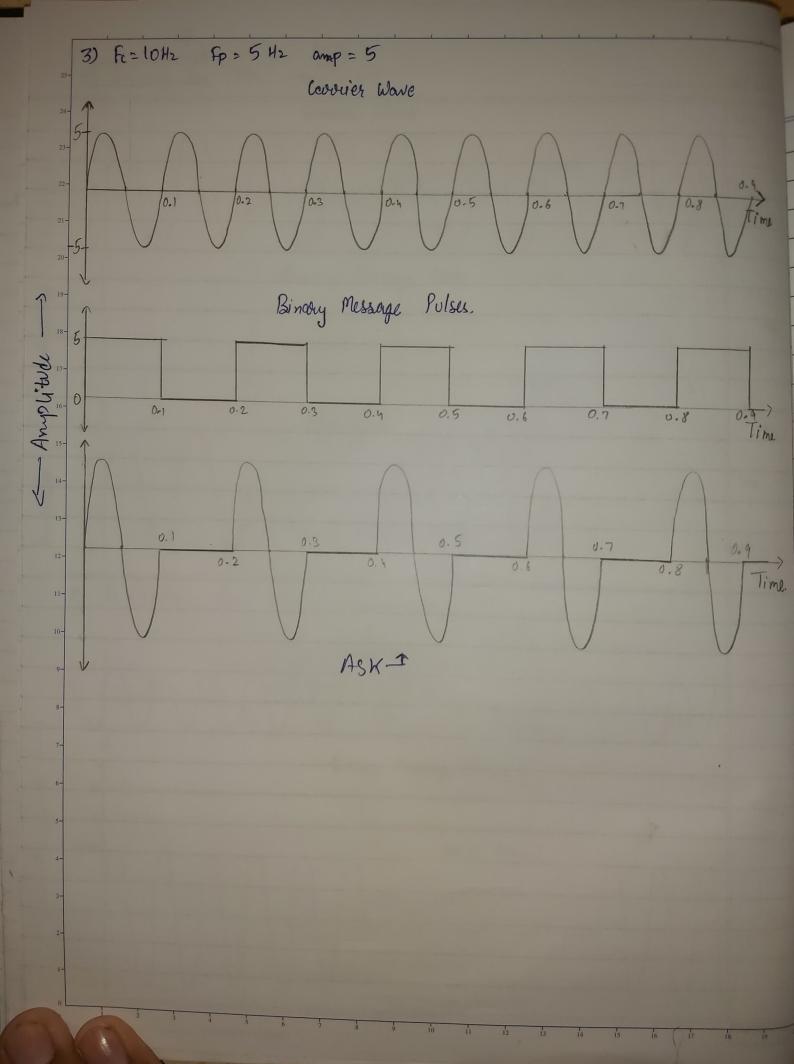
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AIM:	
7	FSK (Frequency Shift Keying)
-	J'
->	If the frequency of sinusoidal coordier wave is vovied (switched)
	depending on the digital input signal, then it is known as
	depending on the digital input signal, then it is known as the Forequency shift Keying.
->	Application of FSK:
	1. High frequency radio towns mission.
4.	PSK (Phase Shift Keying)
-	In PSK phase of the coverier wave (analog in nature) is switched as per the input digital signal.
	as per the input digital signal.
	Application of PSK:
	11 DEFD and Plustooth
	1. It is widely used to for wireless LANS, RFID and Bluetouth
	communication.
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Page No. Expt. No. _ and verified their waveforms using MATLAB. We also observed the Shematic diagrams for ASK, FSK and PSK.