Electronic Devices Lab 2

Description
To examine the pulse response of a series RL network. To study the steady state sinusoidal response (RC and RL circuits) and phasors. To show the resonant frequency of a series RLC circuit is given by $1/ (2\pi\sqrt{LC})$ and to plot the frequency response of an RLC circuit. To plot the magnitude and phase response of passive low pass and high pass RC filters. To study the frequency characteristics of passive low pass and high pass RL filter circuits. Implementation of first order Active low pass and high pass filter. To plot the magnitude and phase response of a series resonant band-pass filter. To plot the magnitude and phase response of a series resonant band-stop filter. To plot the magnitude and phase response of a Active Band Pass filter. To obtain the frequency response of an active low pass filter for the desired cut off frequency. (b) To obtain the frequency response of an active high pass filter for the desired cut off frequency.

Sr.	Apparatus Name
1	Digital oscilloscope

2	Pc I7
3	Function generator
4	DC. Power supply unit
5	Laboratory Dc power supply
6	Digital Multi Meter
7	Kl 21001 ,Linear Circuit Supply
8	Diode , Clipper and Clamper
9	Oscillator Circuit Module
10	Rectifier, Differential& Integral Module
11	Voltage Regulator Circuit Module
12	Amplifier Module >
13	Voltage Regulator &Modulation Circuit Modul
14	Fet Circuit Experiment Module>
15	Breadboard Module Ac 9001>
16	Multi-Stage Amplifier Circuit module
17	Ocl Amp& Feedback Circuit Module
18	Op Amplifier Circuit Module >
19	Digital Electronic Module (mcm 6)
20	Op Amplifier Circuit(mcm 7)