

Sr. No.	Status	Topic
1		Diode forward and backward characteristics with diode eqn
2		Zener diode working and voltage regulator working
3		Construction BJT
4		Construction JFET
5		Construction EMOS
6		DC Analysis BJT
7		AC Analysis CE BJT π model
8		DC Analysis JFET
9		DC Analysis EMOS
10		AC Analysis CS EMOS
11		Multistage advantage disadvantage
12		Effect of coupling, bypass, parasitic capacitor (theory)
13		Miller effect and miller capacitance
14		High Freq and Low Freq sums of CE
15		High Freq and Low Freq sums of CS EMOS
16		Small signal v/s large signal Amplifiers
17		Types of power amplifiers
18		Class A series fed and transformer coupled
19		Class B Transformer less
20		Class AB with diode biasing
21		Thermal considerations and heat sink
22		Diffamp configurations using EMOS and its AC analysis
23		Definition, typical and ideal value of Differential

		gain, common mode gain, CMRR, input impedance
24		Constant current source using EMOS

Branch: EXTC

