



Govt. Science College, Jabalpur

B.Sc 2nd year Electronics

Electronics Circuits (Major1) Course Learning Outcomes (CLO)

- Illustrate about rectifiers, transistor and FET amplifiers and it's biasing also compare the performance of its low frequency models.
- Describe the frequency response of MOSFET and BJT amplifiers.
- Explain the concepts of feedback and construct feedback amplifiers and oscillators.
- Summarizes the performance parameters of amplifiers with and without feedback.



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B.Sc. 2 Year Electronics

Operational Amplifiers and Application (Major 2/ Minor/ Elective) Course Learning Outcomes (CLO)

- Infer the DC and AC characteristics of operational amplifiers and its effect on output and their compensation techniques.
- Elucidate and design the linear and non linear applications of an op-amp and special application ics.
- Explain and compare the working of multi vibrators using special application IC 555 and general purpose op-amp.