

Subject Code:1SC2050407

Subject Title: Practical

COURSE OBJECTIVE:

Physics is a science to understand the nature. This course is designed to get basic understanding of the physical world.

LEARNING OUTCOMES:

- To understand the application of physics in real world.

Teaching scheme (hours) per week		Credit		University Examination		Internal Examination		Total
Theory	Practical	Theory	Practical	University Assessment	Practical	Internal Assessment	Practical	
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Physics Practical

1. To Study of Class-B Push-Pull Amplifier.
2. To study / learn the Amplitude modulation and demodulation.
3. To study OP-AMP as Non Inverting
4. To study as Voltage follower (Unity Gain Amplifier).
5. To study Regulated Power Supply using IC-723
6. Study of different types of shift register using IC 7493
7. Study of Low pass filter Circuit using IC 741.
8. Characteristics of optoelectronic devices
9. Study of Two stage Amplifier Using IC 741
10. Study of Decade Counter and Divide by six counter using IC 7490
11. Study of Bending loss of Optical fibre
12. To Study of Phase Shift Oscillator using IC 741