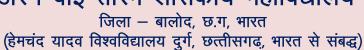
कार्यालय प्राचार्य



स्व. डारन बाई तारम शासकीय महाविद्यालय गुरूर





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Department of Physics

Session 2024 - 25

List of Physics Practical [Program – B.Sc. (PCM), Year – 03rd Year]

S.No.	Object of Practical
01	To determine Plank's Constant using electric panel.
02	To determine the value of specific charge (e/m) of an electron by Thomson method.
03	Study of spectra of Hydrogen and determine Rydberg constant with the help of Plane Grating.
04	To determine the Energy gap of a semiconductor using a junction diode (Si/Ge).
05	To study the characteristics curves of PNP transistor in CB mode.
06	To study the characteristics curves of NPN transistor in CB mode.
07	To study the characteristics curves of PNP transistor in CE mode.
08	To study the characteristics curves of NPN transistor in CE mode.
09	Characteristics of PN Junction Diode.
10	Characteristics of ZENER Diode.
11	Characteristics of LED.
12	Characteristics of Tunnel Diode.
13	Study of regulated and unregulated Power Supply.
14	Characteristics of Field Effect Transistor (FET).
15	To verify the Superposition theorem.
16	To verify the Thevenin's Theorem.
17	To verify the Maximum power transfer theorem.
18	To verify the Stefan's law of radiation by using an incandescent lamp.
19	Study of basic Gates: AND, OR and NOT gates.
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