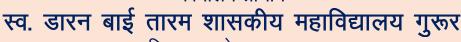
कार्यालय प्राचार्य





जिला — बालोद, छ.ग, भारत (हेमचंद यादव विश्वविद्यालय दुर्ग, छत्तीसगढ, भारत से संबद्ध)

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Physics Practical

B.Sc. 2nd Semester

- 01. To compare capacitance using De' Sauty's bridge. (Simulation)
- Measurement of field strength b and its variation in a solenoid determine.
 (Simulation)
- 03. To study the characteristics of a series RC circuit. (Simulation)
- 04. To study a series LCR circuit and determine its resonant frequency and quality factor. (Simulation)
- 05. To Study a parallel LCR circuit and determine its (a) Anti-resonant frequency and(b) Quality Factor Q. (Simulation)
- 06. To Determine a Low Resistance by Carey Foster's Bridge. (Simulation)
- 07. To verify the Thevenin Theorem. (Simulation)
- 08. To verify the Norton Theorem. (Simulation)
- 09. To verify the superposition Theorem. (Simulation)
- 10. To verify the Maximum Power Transfer Theorem. (Simulation)
- 11. To use a vibration magnetometer and study magnetic field. (Simulation)
- 12. Study of magnetic field due to a current loop. (Simulation)
- 13. Study of magnetic fields using Deflection Magnetometer. (Simulation)
- 14. Mini Project: Construction and Study of Solenoid and measurement of its magnetic field. (Simulation)

Circuit Construction Kit-	Circuit Construction Kit-	Circuit Construction Kit-
AC (Simulation)	AC (Simulation)	DC (Simulation)

Lekhram Hirwani

Assistant Professor (Physics)
Lt. D.B.T. Govt. College Gurur, Dist- Balod (C.G.)