



Department of Physics
P. K. Roy Memorial College, Dhanbad.
A CONSTITUENT UNIT OF BBM KU, DHANBAD

NOTICE

Date: 08-02-2026

Syllabus for University Practical Examination of UG Semester-IV (2021-24, 2020-2023 & 2019-2022)

Any one of the topics given below is to be performed during University Practical Examination for the concerned Paper

PHYSICS CORE (PRACTICAL)

1. To determine the wavelength of laser source using diffraction of single slit.
2. To verify and design AND, OR, NOT and NOR gates using NAND gates.
3. To draw the circuit diagram and verify truth table of Half Adder and Full Adder.

PHYSICS GE/GENERAL (PRACTICAL)

1. To determine the Refractive Index of the material of a prism using sodium light.
2. To determine wavelength of sodium light using Newton's rings.
3. To determine the wavelength of laser light using diffraction of single slit.

NOTE:

- ✚ Examinees must bring admit card and laboratory notebook properly covered with brown paper.

Sayantan Sil
HoD 08/02/2026