



## DEPARTMENT OF PHYSICS

# Particle Aspect of Radiation: Compton Effect

COURSE / DEPT: **Physics**

SUBJECT / PAPER: **Physics**

SEMESTER / YEAR: **I**

FACULTY / AUTHOR: **Dr. Raghwendra Kumar**

DESIGNATION: **Assistant Professor**

DATE PUBLISHED: **13 August 2020**

## 1. TOPIC OVERVIEW & LECTURE SUMMARY

B. Sc. Part-III (Quantum Mechanics)

## 2. KEY CONCEPTS & LEARNING MODULES

- Theoretical foundations, fundamental theorems, and core analytical principles associated with Particle Aspect of Radiation: Compton Effect.
- Practical applications, model problem sets, and case study formulations aligned with the university CBCS curriculum.
- Examination guidance, short-answer questions, and references for semester term-end evaluations.

## 3. STUDENT STUDY GUIDELINES & INSTRUCTIONS

Students are advised to review these study notes alongside prescribed reference textbooks in the departmental library. For interactive doubts, tutorial discussions, and assignments, reach out during departmental consultation hours or through the official student portal.

### DEPARTMENT OF PHYSICS

Bihar National College (Patna University), Patna

Verified by Academic Directorate | Generated for University Student Online Access

### DIGITAL ACADEMIC REPOSITORY VERIFIED

Document ID: BNC-MAT-01342