



DEPARTMENT OF PHYSICS

Lattice Heat Capacity of a Solid: Debye Model

COURSE / DEPT: **Physics**

SUBJECT / PAPER: **Physics**

SEMESTER / YEAR: **I**

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DESIGNATION: **Assistant Professor**

DATE PUBLISHED: **30 November 2020**

1. TOPIC OVERVIEW & LECTURE SUMMARY

For B.Sc. Part- III students (Prepared by Kamad Nath Shandilya)

2. KEY CONCEPTS & LEARNING MODULES

- Theoretical foundations, fundamental theorems, and core analytical principles associated with Lattice Heat Capacity of a Solid: Debye Model.
- 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.

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Bihar National College (Patna University), Patna

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Document ID: BNC-MAT-01514