



DEPARTMENT OF PHYSICS

Joule-Thomson Effect

COURSE / DEPT:	Physics	FACULTY / AUTHOR:	Dr. Dinesh Kumar
SUBJECT / PAPER:	Physics	DESIGNATION:	Assistant Professor
SEMESTER / YEAR:	I	DATE PUBLISHED:	01 September 2020

1. TOPIC OVERVIEW & LECTURE SUMMARY

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

2. KEY CONCEPTS & LEARNING MODULES

- Theoretical foundations, fundamental theorems, and core analytical principles associated with Joule-Thomson 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.

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