

Department of Physics

E-content (B.Sc. II)

Subject: Statistical Physics

Teacher Name: Dr. Renu Bala

Lectures

1. Concept of macrostate, microstate, thermodynamic probability

https://drive.google.com/file/d/1Kdgb5tSPO3i_LjSSVLoJ7KXtmBzwmcZG/view?usp=sharing

2. Lecture on “distribution of three particles in two compartments of equal size”

<https://drive.google.com/file/d/1lIrCgTL0IV8adXFG3dqirkJWGaiSoCsW/view?usp=sharing>

3. Lecture on “distribution of four particles in two compartments of equal size”

<https://drive.google.com/file/d/1LajpFpWLVmxuc1A8C1za8KcgfYdRrd-d/view?usp=sharing>

4. Effects of constraints on the system

https://drive.google.com/file/d/1-Y7Ppxs2Rc6HRIH96arzNQz2_DdX3yj9/view?usp=sharing

Questions

1. MCQ questions

<https://forms.gle/wsk9QA2DsTmyx1jn9>

2. Long Answer Questions

https://docs.google.com/document/d/19jRKl9wVCv9GmoQdrE_5vAgZatiUHXgPBwSDm8Bcxgl/edit?usp=sharing

Suggested books

1. Statistical Physics by V.S. Bhatia
2. Statistical Physics and thermodynamics –I , MPH