

Lesson Plan

Name of the Assistant/ Associate Professor: - KRITIKA BANWALA

Class and Section: B.Sc. (N.M) 4TH SEM.

Subject: STATISTICAL PHYSICS Paper code: PH-401

Week	Date	Topics
1	1-Jan-18	Microscopic and Macroscopic Systems
	2-Jan-18	Probability
	3-Jan-18	Types of Probability and their Relation
	4-Jan-18	Probability Theorms
	5-Jan-18	Max and Min Probability
	6-Jan-18	Tossing of Coins
	7-Jan-18	Sunday
2	8-Jan-18	Revision
	9-Jan-18	Permutation and Combinations
	10-Jan-18	Distributions of Nparticles in Boxes
	11-Jan-18	Micro and Macro States
	12-Jan-18	Revision
	13-Jan-18	Thermodynamic Probability
	14-Jan-18	Sunday
3	15-Jan-18	Distribution of Particle in Compartments
	16-Jan-18	Condition of Equilibrim
	17-Jan-18	Test
	18-Jan-18	Entropy
	19-Jan-18	Boltzmann Relation
	20-Jan-18	Revision
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Test
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Statistical Physics
	26-Jan-18	Republic Day
	27-Jan-18	Phase Space and its Division
	28-Jan-18	Sunday
5	29-Jan-18	Revision
	30-Jan-18	Three Kind of Statistics
	31-Jan-18	Basic Approach in Three Statistics

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Week	Date	Topics
1	1-Feb-18	Revision
	2-Feb-18	M.B Statistics
	3-Feb-18	Speed Distribution law
	4-Feb-18	Sunday
2	5-Feb-18	Velocity Distribution Law
	6-Feb-18	Test
	7-Feb-18	Average Speed ,R.m.s Speed
	8-Feb-18	Revision
	9-Feb-18	Most probable energy
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Test
	13-Feb-18	Maha Shivratri
	14-Feb-18	Numericals
	15-Feb-18	Revision
	16-Feb-18	Mean energy for Maxwell
	17-Feb-18	Revision
	18-Feb-18	Sunday
4	19-Feb-18	Need for Quantum Statistics
	20-Feb-18	Bose Einstein Statistics
	21-Feb-18	Applications of B.E Statistics
	22-Feb-18	Degeneracy
	23-Feb-18	Revision
	24-Feb-18	B.E Condensation
	25-Feb-18	Sunday
5	26-Feb-18	Test
	27-Feb-18	Revision
	28-Feb-18	As per Uni. Calendar Holiday

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	As per Uni. Calendar Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Fermi Dirac Distribution
	6-Mar-18	Fermi Energy and Fermi Temp
	7-Mar-18	Fermi Dirac for Electron gas in metals
	8-Mar-18	Revision
	9-Mar-18	Zero pt Energy and Zero pt Pressure
	10-Mar-18	Revision
	11-Mar-18	Sunday
3	12-Mar-18	Specific heat
	13-Mar-18	Limiting Case of B.E And F.D Statistics
	14-Mar-18	Comparison of three statistics
	15-Mar-18	Revision
	16-Mar-18	Dulong Petit Law
	17-Mar-18	Derivation of Dulong and Petit Law
	18-Mar-18	Sunday
4	19-Mar-18	Revision
	20-Mar-18	Specific heat at Low Temp
	21-Mar-18	Test
	22-Mar-18	Einstein Theory of specific heat
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Revision
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Test
	27-Mar-18	Numericals
	28-Mar-18	Debye Model of Specific Heat
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Success and Shortcomings of Debye Model
	31-Mar-18	Comparison

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Revision OF first UNIT
	3-Apr-18	-do-
	4-Apr-18	-do-
	5-Apr-18	Test
	6-Apr-18	Revision of Second unit
	7-Apr-18	-DO-
	8-Apr-18	Sunday
2	9-Apr-18	-DO-
	10-Apr-18	Test
	11-Apr-18	Revision of third unit
	12-Apr-18	-DO-
	13-Apr-18	-DO-
	14-Apr-18	Dr AmbedkarJayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Revision of forth Unit
	17-Apr-18	-DO-
	18-Apr-18	ParashuramaJayanti
	19-Apr-18	
	20-Apr-18	
	21-Apr-18	
	22-Apr-18	Sunday
4	23-Apr-18	
	24-Apr-18	
	25-Apr-18	
	26-Apr-18	
	27-Apr-18	
	28-Apr-18	