

## SUMMARY OF LESSON PLAN

Name of the Assistant/ Associate Professor : MISS POOJA RANI  
Class and Section : B.Sc 2<sup>nd</sup> (N.M+C.S)  
Subject Lesson Plan : PHYSICS (PH-401)  
Month : January 2018

Date	Topics
01-01-2018	Unit 1 MICROSCOPIC AND MACROSCOPIC SYSTEMS,EVENTS MUTUALLY EXCLUSIVE,DEPENDENT AND INDEPENDENT
02-01-2018	PROBABILITY,STATISTICAL PROBABILITY,A PRIORI PROBABILITY AND RELATION BETWEEN THEM
03-01-2018	PROBABILITY THEOREMS,SOME PROBABILITY CONSIDERATIONS,COMBINATION POSSESING MINIMUM PROBABILITY,
04-01-2018	
05-01-2018	GURU GOBIND SINGH JAYANTI
06-01-2018	
07-01-2018	SUNDAY
08-01-2018	TOSSING OF 2,3 AND ANY NO.OF COINS
09-01-2018	PERMUTATION AND COMBINATIONS,DISTRIBUTION OF N(FOR N=2,3,4)DISTINGUISHABLE AND INDISTINGUISHABLE PARTICLES IN TWO BOXES OF EQUAL SIZE
10-01-2018	TEST
11-01-2018	
12-01-2018	
13-01-2018	
14-01-2018	SUNDAY
15-01-2018	MICROSTATES AND MACROSTATES,THERMODYNAMIC PROBABILITY,
16-01-2018	CONSTRAINTS AND ACC GENERAL DISTRIBUTION OF DISTINGUISHABLE PARTICLES IN COMPARTMENTS OF DIFFERENT SIZES ESSIBLE STATES,STATISTICAL FLUCTUATION

Month

: January 2018

Date	Particulars
17-01-2018	SEMINAR
18-01-2018	
19-01-2018	
20-01-2018	
21-01-2018	SUNDAY
22-01-2018	VASANT PANCHAMI
23-01-2018	CONDITION OF EQUILIBRIUM BETWEEN TWO SYSTEMS IN THERMAL CONTACT- $\beta$ PARAMETER,ENTROPY AND PROBABILITY
24-01-2018	SIR CHOTU RAM JAYANTI
25-01-2018	
26-01-2018	REPUBLIC DAY
27-01-2018	
28-01-2018	SUNDAY
29-01-2018	PROBLEM DISCUSSION
30-01-2018	SEMINAR
31-01-2018	COMPLETE TEST

Month : February 2018

Date	Topics
01-02-2018	
02-02-2018	
03-02-2018	
04-02-2018	SUNDAY
05-02-2018	UNIT 2 POSTULATES OF STATISTICAL PHYSICS, PHASE SPACE, DIVISION OF PHASE SPACE INTO CELLS
06-02-2018	THREE KINDS OF STATISTICS, BASIC APPROACH IN THREE STATISTICS.
07-02-2018	M.B STATISTICS APPLIED TO AN IDEAL GAS IN EQUILLIBRIUM – ENERGY DISTRIBUTION LAW
08-02-2018	
09-02-2018	
10-02-2018	MAHARSHI DAYANAND SARASWATI JAYANTI
11-02-2018	SUNDAY
12-02-2018	SEMINAR
13-02-2018	MAHA SHIVRATRI
14-02-2018	SPEED DISTRIBUTION LAW & VELOCITY DISTRIBUTION LAW
15-02-2018	
16-02-2018	

Month

: February 2018

Date	Particulars
17-02-2018	
18-02-2018	SUNDAY
19-02-2018	EXPRESSION FOR AVERAGE SPEED,R.M.S SPEED.AVERAGE VELOCITY,R.M.S. VELOCITY
20-02-2018	MOST PROBABLE ENERGY&MEAN ENERGY FOR MAXWELLIAN DISTRIBUTION
21-02-2018	PROBLEM DISCUSSION
22-02-2018	
23-02-2018	
24-02-2018	
25-02-2018	SUNDAY
26-02-2018	SEMINAR
27-02-2018	COMPLETE UNIT 2 TEST
28-02-2018	VACATION

Month : March 2018

Date	Topics
01-03-2018	
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	UNIT 3 INTRODUCTION, NEED FOR QUANTUM STATISTICS: BOSE EINSTEIN ENERGY DISTRIBUTION LAW
06-03-2018	APPLICATIONS OF B.E. STATISTICS TO PLANCK'S RADIATION LAW B.E. GAS,DEGENERACY AND B.E CONSIDERATION
07-03-2018	FERMI DIRAC DISTRIBUTION LAW,F.D. GAS AND DEGENERACY,
08-03-2018	
09-03-2018	
10-03-2018	
11-03-2018	SUNDAY
12-03-2018	FERMI ENERGY AND FERMI TEMPERATURE,FERMI DIRAC DISTRIBUTION LAW FOR ELECTRON GAS IN METALS
13-03-2018	ZERO POINT ENERGY,ZERO POINT PRESSURE AND AVERAGE SPEED (AT 0 K) OF ELECTRON GAS
14-03-2018	TEST
15-03-2018	
16-03-2018	

Month

: March 2018

Date	Particulars
17-03-2018	
18-03-2018	SUNDAY
19-03-2018	SPECIFIC HEAT ANOMLY OF METALS AND ITS SOLUTION
20-03-2018	M.B. DISTRIBUTION AS A LIMITING CASE OF B.E. AND F.D. DISTRIBUTION
21-03-2018	COMPARISON OF THREE STAITICS
22-03-2018	
23-03-2018	
24-03-2018	
25-03-2018	SUNDAY/ RAM NAVMI
26-03-2018	PROBLEM DISCUSSION
27-03-2018	SEMINAR
28-03-2018	UNIT 3 COMPLETE TEST
29-03-2018	MAHAVIR JAYANTI
30-03-2018	GOOD FRIDAY
31-03-2018	RIVISION

Month : April 2018

Date	Topics
01-04-2018	SUNDAY
02-04-2018	UNIT 4 DULONG AND PETIT LAW, DERIVATION OF DULONG AND PETIT LAW FROM CLASSICAL PHYSICS
03-04-2018	SPECIFIC HEAT AT LOW TEMPERATURE,
04-04-2018	EINSTEIN THEORY OF SPECIFIC HEAT, CRITICISM OF EINSTEIN THEORY
05-04-2018	
06-04-2018	
07-04-2018	
08-04-2018	SUNDAY
09-04-2018	SEMINAR
10-04-2018	TEST
11-04-2018	DEBYE MODEL OF SPECIFIC HEAT OF SOLIDS
12-04-2018	
13-04-2018	
14-04-2018	DR AMBEDKAR JAYANTI / VAISAKHI
15-04-2018	SUNDAY
16-04-2018	SUCCESS AND SHORTCOMINGS OF DEBYE THEORY,

**Month**

**: April 2018**

<b>Date</b>	<b>Particulars</b>
17-04-2018	COMPARISON OF EINSTEIN AND DEBYE HEORIES
18-04-2018	PARASHURAMA JAYANTI
19-04-2018	
20-04-2018	
21-04-2018	
22-04-2018	SUNDAY
23-04-2018	PROBLEM DISCUSSION
24-04-2018	SEMINAR
25-04-2018	COMPLETE UNIT 4 TEST
26-04-2018	
27-04-2018	
28-04-2018	
29-04-2018	SUNDAY
30-04-2018	COMPLETE BOOK REVISION