

SUMMARY OF LESSON PLAN

Name of the Assistant/ Associate Professor : MISS POOJA RANI
Class and Section : B.Sc 3RD (N.M+C.S)
Subject Lesson Plan : PHYSICS (PH-601)
Month : January 2018

Date	Topics
01-01-2018	UNIT 1 CRYSTAL STRUCTURE 1 INTRODUCTION,CRYSTALLINE AND GLASSY FORMS,LIQUID CRYSTALS
02-01-2018	CRYSTAL STRUTURE,PERIODICITY,LATTICE AND BASIS,
03-01-2018	TRANSLATIONAL VECTORS AND AXES.UNIT CELL AND PRIMITTIVE CELL,WINGER SEITZ PRIMITTIVE CELL
04-01-2018	
05-01-2018	GURU GOBIND SINGH JAYANTI
06-01-2018	
07-01-2018	SUNDAY
08-01-2018	TEST
09-01-2018	SYMMETRY OPERATIONS FOR TWO DIMENSIONAL CRYSTAL, BRAVAIS LATTICES IN TWO AND THREE DIMENSIONS.
10-01-2018	CRYSTAL PLANES AND MILLER INDICES
11-01-2018	
12-01-2018	
13-01-2018	
14-01-2018	SUNDAY
15-01-2018	INTERPLANAR SPACING
16-01-2018	SEMINAR

Month

: January 2018

Date	Particulars
17-01-2018	CRYSTAL STRUCTURE OF ZINC SULPHIDE, SODIUM CHLORIDE, AND DIAMOND
18-01-2018	
19-01-2018	
20-01-2018	
21-01-2018	SUNDAY
22-01-2018	VASANT PANCHAMI
23-01-2018	PROBLEM DISCUSSION
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	SEMINAR
30-01-2018	REVISION
31-01-2018	COMPLETE UNIT 1 TEST

Month : February 2018

Date	Topics
01-02-2018	
02-02-2018	
03-02-2018	
04-02-2018	SUNDAY
05-02-2018	UNIT 2 X-RAY DIFFRACTION, BRAGG'S LAW AND EXPERIMENTAL X-RAY DIFFRACTION METHODS
06-02-2018	K-SPACE AND RECIPROCAL LATTICE AND ITS PHYSICAL SIGNIFICANCE
07-02-2018	RECIPROCAL LATTICE VECTORS,
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	TEST
15-02-2018	
16-02-2018	

Month

: February 2018

Date	Particulars
17-02-2018	
18-02-2018	SUNDAY
19-02-2018	RECIPROCAL LATTICE TO A SIMPLE CUBIC LATTICE,B.C.C. AND F.C.C
20-02-2018	PROBLEMS DISCUSION
21-02-2018	REVISION
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 SUPERCONDUCTIVITY HISTORICAL INTRODUCTION,SURVEY OF SUPERCONDUCTIVITY,SUPER CONDUCTING SYSTEMS
06-03-2018	HIGH T _c SUPER CONDUCTORS,ISOTOPIC EFFECT,CRITICAL MAGNETIC FIELDS,
07-03-2018	MEISSNER EFFECT
08-03-2018	
09-03-2018	
10-03-2018	
11-03-2018	SUNDAY
12-03-2018	LONDON THEORY AND PIPPARDS EQUATION,CLASSIFICATION OF SUPERCONDUCTORS(TYPE 1 AND TYPE 2)
13-03-2018	BCS THEORY OF SUPERCONDUCTIVITY
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	FLUX QUATIZATION,JOSEPHSON EFFECT(AC AND DC)
20-03-2018	PRACTICAL APPLICATION S OF SUPERCONDUCTIVITY AND THEIR LIMITATIONS
21-03-2018	POWER APPLICATIONOF SUPERCONDUCTORS
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	COMPLETE UNIT 3 TEST
29-03-2018	MAHAVIR JAYANTI
30-03-2018	GOOD FRIDAY
31-03-2018	

Month : April 2018

Date	Topics
01-04-2018	SUNDAY
02-04-2018	UNIT 4 INTRODUCTION TO NANOPHYSICS DEFINITION,LENGTH SCALE,IMPORTANCE OF NANOSCALE AND TECHNOLOGY
03-04-2018	HISTORY OF NANOTECHNOLOGY,BENEFITS AND CHALLENGES IN MOLECULAR MANUFACTURING
04-04-2018	MOLECULAR ASSEMBLER CONCEPT
05-04-2018	
06-04-2018	
07-04-2018	
08-04-2018	SUNDAY
09-04-2018	TEST
10-04-2018	UNDERSTANDING ADVANCED CAPABILITIES ,VISION AND OBJECTIVES OF NANOTECHNOLOGY
11-04-2018	SEMINAR
12-04-2018	
13-04-2018	
14-04-2018	
15-04-2018	SUNDAY
16-04-2018	NANOTECHNOLOGY IN DIFFERENT FIELDS,AUTOMOBILE,ELECTRONICS

Month

: April 2018

Date	Particulars
17-04-2018	NANO-BIOTECHNOLOGY,MATERIALS,MEDICINE
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	REVISION OF COMPLETE BOOK