Lesson Plan Format
18 weeks (From January 2018 to April 2018)

Name of Assistant /Associate Professor : JYOTI
Class and Section : MSc. Physics SEM. IVth
Subject : Physics of Nano Material

Week 1(January 1-6)	
Chapter 1	
01/01/2018	Free Electron Theory
02/01/2018	"
03/01/2018	"
04/01/2018	Idea of Band Structure.
05/01/2018	"
06/01/2017	"
Week 2(January 8-13)	
Chapter	
08/01/2018	Metal, insulator, Semiconductor
09/01/2018	"
10/01/2018	Review and Problem
11/01/2018	Density of States in band
12/01/2018	"
13/01/2018	"
Week 3(January 15-20)	
Chapter	
15/01/2018	Variation of density of States with
16/01/2018	Energy
17/01/2018	"
18/01/2018	"
19/01/2018	Test
~~19/01/2018~~	~~Test~~
20/01/2018	Test
Week 4(January22-27)	
Chapter	
22/01/2018	Vasant Panchami
23/01/2018	Variation of density of States and Band
24/01/2018	Gap with size of crystal
25/01/2018	"
26/01/2018	Republic day

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27/01/2018	Revision and Problem
Week 5 (January29- Feb3)	
Chapter	UNIT-II
29/01/2018	Electron Confinement in infinitely deep
30/01/2018	square well
31/01/2018	"
01/02/2018	"
02/02/2018	"
03/02/2018	Review and Problem
Week 6(Feb 5-10)	
Chapter	
05/02/2018	Test
06/02/2018	UNIT-II :- Confinement in 2D well
07/02/2018	"
08/02/2018	"
09/02/2018	Confinement in 3D well
10/02/2018	"
Week 7(Feb 12-17)	
Chapter	
12/02/2017	Revision and Problem
13/02/2017	Mahashivratri
14/02/2017	Idea of quantum well structure
15/02/2017	"
16/02/2017	"
17/02/2017	Quantum dot
Week 8(Feb 19-24)	
Chapter	
19/02/2018	Quantum dot
20/02/2018	"
21/02/2108	Quantum wire
22/02/2018	"
23/02/2018	Revision and Problem
24/02/2018	Revision
Week 9(Feb 26-March03)	
Chapter	
26/02/2018	Test
27/02/2018	Problem
28/02/2018	Holiday
01/03/2018	Holiday

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02/03/2018	Holiday
03/03/2018	Holiday
Week 10(March 5-10)	
Chapter	
05/03/2018	Determination of Particle size.
06/03/2018	"
07/03/2018	"
08/03/2018	"
09/03/2018	Free. "
10/03/2018	Review and Problem
Week 11(March 12-17)	
Chapter	
12/03/2018	XRD peaks of Nano Particles
13/03/2018	"
14/03/2018	"
15/03/2018	Shift in photoluminescence Peaks
16/03/2018	"
17/03/2018	"
Week 12(March 19-24)	
Chapter	
19/03/2018	Test
20/03/2018	Test
21/03/2018	Variation in Raman Spectra of NanoMaterial
22/03/2018	"
23/03/2018	Sahaheedi Diwas
24/03/2018	Variation in Raman spectra of Nano Particle
Week 13(March 26-31)	
Chapter	
26/03/2018	Revision and Problem
27/03/2018	Test
28/03/2018	Test
29/03/2018	Mahavir Jayanti
30/03/2018	Problems of UNIT-I and II
31/03/2018	"
Week 14(April 02-07)	
Chapter	
02/04/2018	Diff Method of Preparation of Nano-Mater
03/04/2018	-ials : Bottom Up!
04/04/2018	cluster Beam Evaporation

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05/04/2018	"
06/04/2018	"
07/04/2018	Review
Week 15(April 09-14)	
Chapter	
09/04/2018	Ion beam Deposition
10/04/2018	"
11/04/2018	"
12/04/2018	Chemical Bath deposition with capping Techniques
13/04/2018	"
14/04/2018	Ambedkar Jayanti
Week 16(April 16-21)	
Chapter	
16/04/2018	Revision and Problem
17/04/2018	Test
18/04/2018	Parshu Ram Jayanti
19/04/2018	Top Down : Ball Milling
20/04/2018	"
21/04/2018	"
Week 17(April 23-28)	
Chapter	
23/04/2017	Revision
24/04/2017	
25/04/2017	
26/04/2017	
27/04/2017	
28/04/2018	
Week 18(April 29-30)	
Chapter	
30/04/2018	

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