

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

Name of Assistant / Associate Professor
 Class and Section
 Subject

Dr. Vijay Kiran
 B.Sc. (H) (Med. & N. Med.)
 Physical Chemistry (Friday-Saturday)

Week 1 (January 1-6)	
Chapter 1	
01/01/2018	
02/01/2018	
03/01/2018	
04/01/2018	
05/01/2018	Introduction of Syllabus & paper pattern
06/01/2018	Second Law of thermodynamics
Week 2 (January 8-13)	
Chapter	
08/01/2018	
09/01/2018	
10/01/2018	
11/01/2018	
12/01/2018	Carnot's cycle & its efficiency
13/01/2018	Concept of Entropy
Week 3 (January 15-20)	
Chapter	
15/01/2018	
16/01/2018	
17/01/2018	
18/01/2018	
19/01/2018	
19/01/2018	Entropy as a Criteria of Spontaneity
20/01/2018	Entropy Change in Ideal Gases & mixing of gases
Week 4 (January 22-27)	
Chapter	
22/01/2018	Holiday (Basant Panchami)
23/01/2018	
24/01/2018	
25/01/2018	
26/01/2018	Holiday (Republic Day)

27/01/2018	Third Law of Thermodynamics
Week 5 (January 29- Feb 3)	
Chapter	
29/01/2018	
30/01/2018	
31/01/2018	
01/02/2018	Holiday (Maharishi Dayanand Saraswati Jayanti)
02/02/2018	Concept of Residual entropy
03/02/2018	Gibb's function (G) and Helmholtz function (A)
Week 6 (Feb 5-10)	
Chapter	
05/02/2018	
06/02/2018	
07/02/2018	
08/02/2018	
09/02/2018	Variation of G and A with P, V & T
10/02/2018	Holiday
Week 7 (Feb 12-17)	
Chapter	
12/02/2017	
13/02/2017	Holiday (Mahashivratri)
14/02/2017	
15/02/2017	
16/02/2017	Revision and Problems on Thermodynamics
17/02/2017	Class Test on Thermodynamics
Week 8 (Feb 19-24)	
Chapter	
19/02/2018	
20/02/2018	
21/02/2018	
22/02/2018	
23/02/2018	Introduction of Electrochemistry
24/02/2018	EMF of Cell and its measurement
Week 9 (Feb 26-March 03)	
Chapter	
26/02/2018	
27/02/2018	
28/02/2018	Holi Break (28/2/18 to 03/3/18)
01/03/2018	"

02/03/2018	
03/03/2018	(Holi Break)
Week 10(March 5-10)	
Chapter	
05/03/2018	
06/03/2018	
07/03/2018	
08/03/2018	
09/03/2018	Calculation of Thermodynamic quantities of Cell
10/03/2018	Types of reversible electrodes
Week 11(March 12-17)	
Chapter	
12/03/2018	
13/03/2018	
14/03/2018	
15/03/2018	
16/03/2018	Electrode reactions and Nernst equation
17/03/2018	Standard Hydrogen Electrode & sign convention
Week 12(March 19-24)	
Chapter	
19/03/2018	
20/03/2018	
21/03/2018	
22/03/2018	
23/03/2018	Holiday (Shahidi Diwas)
24/03/2018	Electrochemical series and its applications
Week 13(March 26-31)	
Chapter	
26/03/2018	
27/03/2018	
28/03/2018	
29/03/2018	Holiday (Mahavir Jayanti)
30/03/2018	Concentration Cells with transference
31/03/2018	" " without "
Week 14(April 02-07)	
Chapter	
02/04/2018	
03/04/2018	
04/04/2018	

