

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

Name of Assistant /Associate Professor
 Class and Section
 Subject

.....Pamila.....Pahiya.....
 :B.C.A....IInd....Sem.....
 Elements of Mathematical Foundation of Comp. Sc.

Week 1(January 1-6)	
Chapter 1	
01/01/2018	Introduction of statistical
02/01/2018	Introduction of data, type, Array,
03/01/2018	Frequency Distribution : Def ⁿ and imp. terms
04/01/2018	Formation of frequency Tables
05/01/2018	do
06/01/2017	CH-1
Week 2(January 8-13)	
Chapter	
08/01/2018	Revision
09/01/2018	Introduction of measure of central tendency
10/01/2018	Arithmetic Mean
11/01/2018	Geometric Mean
12/01/2018	Harmonic Mean
13/01/2018	Median
Week 3(January 15-20)	
Chapter	
15/01/2018	Mode
16/01/2018	Assignment
17/01/2018	Test
18/01/2018	Introduction of measure of Dispersion
19/01/2018	Range
19/01/2018	Variance, Mean Deviation
20/01/2018	Standard Deviation
Week 4(January 22-27)	
Chapter	
22/01/2018	Vasant Panchmi
23/01/2018	Practice of questions of mean, mode, median
24/01/2018	Sir chhotu Ram Jayanti
25/01/2018	Test
26/01/2018	Republic day

27/01/2018	Correlation and Regression
Week 5 (January 29- Feb 3)	
Chapter	
29/01/2018	— do —
30/01/2018	— do —
31/01/2018	Test
01/02/2018	Introduction of Algorithm
02/02/2018	Merits and Demerits of Algorithm
03/02/2018	— do —
Week 6 (Feb 5-10)	
Chapter	
05/02/2018	Advantage of Logarithmic algorithm
06/02/2018	Complexity
07/02/2018	— do —
08/02/2018	Test
09/02/2018	Introduction of Graph theory
10/02/2018	Maharshi Dayanand Saraswati Jayanti
Week 7 (Feb 12-17)	
Chapter	
12/02/2017	Theory of Graphs
13/02/2017	Maha-Shivratri
14/02/2017	isomorphic and homeomorphic graphs
15/02/2017	Adjacent and incidence
16/02/2017	Introduction of path circuit
17/02/2017	Eulerian " "
Week 8 (Feb 19-24)	
Chapter	
19/02/2018	Hamiltonian path circuit
20/02/2018	— do —
21/02/2018	Test
22/02/2018	Introduction of trees
23/02/2018	minimum distance trees
24/02/2018	— do —
Week 9 (Feb 26-March 03)	
Chapter	
26/02/2018	Minimum weight and Minimum distance spanning tree
27/02/2018	— do —
28/02/2018	— do —
01/03/2018	Test — Holiday
	Holiday

02/03/2018	
03/03/2018	Holiday
Week 10(March 5-10)	Holiday
Chapter	
05/03/2018	
06/03/2018	Test
07/03/2018	Introduction of Recursion
08/03/2018	Fibonacci Sequence
09/03/2018	Introduction of Sorting
10/03/2018	Bubble sort, Merge sort, Insertion sort and Decimal to Binary
Week 11(March 12-17)	
Chapter	
12/03/2018	— do —
13/03/2018	Assignment
14/03/2018	Test
15/03/2018	Introduction of Recurrence Relations
16/03/2018	— do —
17/03/2018	— do —
Week 12(March 19-24)	
Chapter	
19/03/2018	Test
20/03/2018	Introduction of Number theory
21/03/2018	Introduction of P. M. I.
22/03/2018	Questions on P. M. I.
23/03/2018	Shaheedi Diwas
24/03/2018	Questions of P. M. I.
Week 13(March 26-31)	
Chapter	
26/03/2018	GCD
27/03/2018	Euclidean algorithm
28/03/2018	Fibonacci number
29/03/2018	Mahavir Jayanti
30/03/2018	Group discussion
31/03/2018	Introduction of congruences
Week 14(April 02-07)	
Chapter	
02/04/2018	— do —
03/04/2018	Equivalence Relations
04/04/2018	— do —

05/04/2018	Theorems on Congruences
06/04/2018	Exercises and Examples of Congruences
07/04/2018	- do -

Week 15(April 09-14)

Chapter

09/04/2018	Assignment
10/04/2018	Test
11/04/2018	Revision of Unit - I
12/04/2018	- do -
13/04/2018	- do -
14/04/2018	Dr. Ambedkar Jayanti

Week 16(April 16-21)

Chapter

16/04/2018	Test
17/04/2018	Revision of Unit - II
18/04/2018	Parashuram Jayanti
19/04/2018	Test
20/04/2018	Revision of Unit - III
21/04/2018	- do -

Week 17(April 23-28)

Chapter

23/04/2017	Class test of Unit - III
24/04/2017	Revision of Unit - IV
25/04/2017	- do -
26/04/2017	- do -
27/04/2017	Test of Unit - IV
28/04/2018	Assignment

Week 18(April 29-30)

Chapter

30/04/2018	Presentation
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