

**Lesson Plan**

Name of the Assistant/ Associate Professor: Suman Vats

Class and Section: B.A. and (1st Sem.)

Subject: Special Functions & Transforms and Programming in C & N.A.

Week	Date	Topics
1	1-Jan-18	Laplace Transforms
	2-Jan-18	- Do -
	3-Jan-18	- Do -
	4-Jan-18	- Do -
	5-Jan-18	Holiday
	6-Jan-18	Test
	7-Jan-18	Sunday
2	8-Jan-18	Properties of L.T.
	9-Jan-18	- Do -
	10-Jan-18	- Do -
	11-Jan-18	Theorems (Results) of L.T.
	12-Jan-18	- Do -
	13-Jan-18	- Do -
	14-Jan-18	Sunday
3	15-Jan-18	Inverse Laplace Transforms
	16-Jan-18	- Do -
	17-Jan-18	- Do -
	18-Jan-18	- Do -
	19-Jan-18	Convolution Theorem
	20-Jan-18	Examples & Exercise
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Solution of Differential Equations by L.T.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Examples -
	26-Jan-18	Republic Day
	27-Jan-18	Exercise -
	28-Jan-18	Sunday
5	29-Jan-18	Solution of Simultaneous Linear Equations by L.T.
	30-Jan-18	- Do -
	31-Jan-18	Holiday

**Lesson Plan**

Name of the Assistant/ Associate Professor.....

Class and Section:.....

Subject:.....

Week	Date	Topics
1	1-Feb-18	Test
	2-Feb-18	Fourier Transforms
	3-Feb-18	Properties of Fourier Transforms
	4-Feb-18	Sunday
2	5-Feb-18	- Examples & Exercise -
	6-Feb-18	- Do -
	7-Feb-18	Fourier sine & cosine Transforms
	8-Feb-18	- Do -
	9-Feb-18	- Do -
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
	12-Feb-18	Convolution TM for F.T.
3	13-Feb-18	Maha Shivratri
	14-Feb-18	Results of F.T.
	15-Feb-18	Examples
	16-Feb-18	- Do -
	17-Feb-18	- Do -
	18-Feb-18	Sunday
	19-Feb-18	The finite sine and cosine Transforms of $f(x)$
	20-Feb-18	- Do -
4	21-Feb-18	Solution of D.E. by Fourier Transforms
	22-Feb-18	- Do -
	23-Feb-18	- Do -
	24-Feb-18	Revision
	25-Feb-18	Sunday
	26-Feb-18	Test
	27-Feb-18	Power series & its operations
	28-Feb-18	Holiday

**Lesson Plan**

Name of the Assistant/ Associate Professor.....

Class and Section:.....

Subject:.....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Holiday
	4-Mar-18	Sunday
	5-Mar-18	Analytic Function
2	6-Mar-18	Power series solutions of Differential Equations
	7-Mar-18	- Do -
	8-Mar-18	- Do -
	9-Mar-18	- Do -
	10-Mar-18	- Do -
	11-Mar-18	Sunday
	12-Mar-18	- Do -
3	13-Mar-18	- Do -
	14-Mar-18	- Do - (Test)
	15-Mar-18	Bessel's Equation
	16-Mar-18	Bessel's Function
	17-Mar-18	Recurrence relations for Bessel's Functions
	18-Mar-18	Sunday
	19-Mar-18	- Do -
4	20-Mar-18	Legendre's Equation & Polynomial
	21-Mar-18	Generating Functions & Examples
	22-Mar-18	Recurrence relations
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Examples & Exercise
	25-Mar-18	Sunday/ Ram Navami
	26-Mar-18	Hermite Equation & Polynomial
5	27-Mar-18	- Do -
	28-Mar-18	Recurrence relations
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	- Do -
	31-Mar-18	Test

**Lesson Plan**

Name of the Assistant/ Associate Professor: Suman Vata

Class and Section: B.A. 2nd (IT sem.)

Subject: Special Functions & Integral Transforms & Programming in C

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Programmer model of a computer
	3-Apr-18	Algorithms, Flow charts
	4-Apr-18	Data types
	5-Apr-18	- Do -
	6-Apr-18	Operators and expressions
	7-Apr-18	- Do -
	8-Apr-18	Sunday
2	9-Apr-18	Input / outputs functions
	10-Apr-18	Decisions central structure
	11-Apr-18	Decision statements
	12-Apr-18	Logical & condition statements
	13-Apr-18	Loops
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
3	15-Apr-18	Sunday
	16-Apr-18	- Do -
	17-Apr-18	Functions
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	- Do -
	20-Apr-18	Test
	21-Apr-18	Revision
	22-Apr-18	Sunday
4	23-Apr-18	- Do -
	24-Apr-18	Revision
	25-Apr-18	Test
	26-Apr-18	Problems
	27-Apr-18	Presentation
	28-Apr-18	- Do -