

### Lesson Plan

Name of the Assistant/ Associate Professor... Pawan Kumar.....  
 Class and Section:..... B.A/B.Sc - II..... Sem - IV.....  
 Subject:..... Special Functions and Integral transforms.....

Week	Date	Topics
1	1-Jan-18	
	2-Jan-18	
	3-Jan-18	
	4-Jan-18	
	5-Jan-18	
	6-Jan-18	Power series
	7-Jan-18	Sunday
2	8-Jan-18	do
	9-Jan-18	Beta & Gamma functions
	10-Jan-18	do
	11-Jan-18	Bessel equation
	12-Jan-18	Bessel functions
	13-Jan-18	do
	14-Jan-18	Sunday
3	15-Jan-18	Convergence
	16-Jan-18	Recurrence relations
	17-Jan-18	do
	18-Jan-18	Orthogonality
	19-Jan-18	do
	20-Jan-18	Test
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Legendre and Hermite eq.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	do
	26-Jan-18	Republic Day
	27-Jan-18	do
	28-Jan-18	Sunday
	5	29-Jan-18
30-Jan-18		do
31-Jan-18		Rodrigues' Formula.

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Subject:..... Special Functions and Integral Transforms.....

Week	Date	Topics
1	1-Feb-18	Laplace Integral
	2-Feb-18	Legendre polynomial
	3-Feb-18	do
	4-Feb-18	Sunday
2	5-Feb-18	Laplace Transforms
	6-Feb-18	Linearity of the L.T.
	7-Feb-18	do
	8-Feb-18	Shifting $tn^m$
	9-Feb-18	do
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Derivatives & Integration
	13-Feb-18	Maha Shivratri
	14-Feb-18	Convolution $tn^m$
	15-Feb-18	Inverse Laplace transforms
	16-Feb-18	Convolution
	17-Feb-18	Solution of O.D.E
	18-Feb-18	Sunday
4	19-Feb-18	do
	20-Feb-18	Test
	21-Feb-18	Fourier transforms
	22-Feb-18	Shifting
	23-Feb-18	Convolution $tn^m$
	24-Feb-18	do
	25-Feb-18	Sunday
5	26-Feb-18	do
	27-Feb-18	Test
	28-Feb-18	Holiday

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Subject:.. Special Functions and Integral Transforms.....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Assignment
	6-Mar-18	Fourier transform of derivatives
	7-Mar-18	do
	8-Mar-18	Relations between F.T & L.T
	9-Mar-18	do
	10-Mar-18	Test
	11-Mar-18	Sunday
3	12-Mar-18	Parseval's identity
	13-Mar-18	do
	14-Mar-18	Solution of F.T.
	15-Mar-18	Revision
	16-Mar-18	Revision
	17-Mar-18	Sessional
	18-Mar-18	Sunday
4	19-Mar-18	Strings
	20-Mar-18	data type
	21-Mar-18	Arithmetic operations
	22-Mar-18	Structures
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	do
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Pointers
	27-Mar-18	do
	28-Mar-18	Pointers and functions
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Bisection method
	31-Mar-18	do

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Subject:..... Programming in C and Numerical Method.....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Regula-Falsi method
	3-Apr-18	Secant method
	4-Apr-18	Newton-Raphson's method
	5-Apr-18	do
	6-Apr-18	Order of convergence
	7-Apr-18	Test
	8-Apr-18	Sunday
2	9-Apr-18	Quiz Contest
	10-Apr-18	Gauss-elimination method
	11-Apr-18	do
	12-Apr-18	Gauss-Jordan method
	13-Apr-18	do
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
	3	16-Apr-18
17-Apr-18		do
18-Apr-18		Parashurama Jayanti
19-Apr-18		Crowt's method
20-Apr-18		Cholesky method
21-Apr-18		Iterative method
22-Apr-18		Sunday
4		23-Apr-18
	24-Apr-18	Gauss-Seidel's method
	25-Apr-18	Relaxation method
	26-Apr-18	Test
	27-Apr-18	Revision
	28-Apr-18	Revision