

## Lesson Plan

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

Class and Section:.....BA III (VI Sem) 2018

Subject:.....Numerical Analysis (Mathematics)

Week	Date	Topics
1	1-Jan-18	Vacations
	2-Jan-18	"
	3-Jan-18	"
	4-Jan-18	"
	5-Jan-18	"
	6-Jan-18	"
	7-Jan-18	Sunday
2	8-Jan-18	Finite difference operators
	9-Jan-18	" " " "
	10-Jan-18	" " " "
	11-Jan-18	Interpolation with equal intervals
	12-Jan-18	" " " "
	13-Jan-18	" " " "
	14-Jan-18	Sunday
	3	15-Jan-18
16-Jan-18		" " " "
17-Jan-18		Newton's Backward interpolation Formula
18-Jan-18		" " " "
19-Jan-18		Interpolation with unequal intervals
20-Jan-18		" " " "
21-Jan-18		Sunday
4		22-Jan-18
	23-Jan-18	Newton's Divided Difference Formula
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Newton's Divided Difference Formula
	26-Jan-18	Republic Day
	27-Jan-18	Lagrange's Interpolation Formula
	28-Jan-18	Sunday
	5	29-Jan-18
30-Jan-18		" " "
31-Jan-18		" " "

## Lesson Plan

Name of the Assistant/ Associate Professor... Sunil K. Kalra

Class and Section: B.A.II (VI) Sem.

Subject: Numerical Analysis

Week	Date	Topics
	1-Feb-18	Central differences
	2-Feb-18	Gauss Forward Formula
	3-Feb-18	" " "
	4-Feb-18	Sunday
6	5-Feb-18	Gauss Backward Formula
	6-Feb-18	" " "
	7-Feb-18	Sterling Formula
	8-Feb-18	" " "
	9-Feb-18	Bessel Formula
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	Probability distribution Maha Shivratri
	13-Feb-18	
	14-Feb-18	Binomial distribution
	15-Feb-18	" "
	16-Feb-18	Poisson's distribution
	17-Feb-18	" " " "
	18-Feb-18	Sunday
	8	19-Feb-18
20-Feb-18		" " "
21-Feb-18		Mean
22-Feb-18		"
23-Feb-18		Variance
24-Feb-18		"
25-Feb-18		Sunday
9		26-Feb-18
	27-Feb-18	"
	28-Feb-18	"

## Lesson Plan

Name of the Assistant/ Associate Professor.....Smita Kalra  
 Class and Section:.....BA 3rd year (VI Sem)  
 Subject:.....Numerical Analysis

Week	Date	Topics
	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Numerical differentiation using Forward Formula
	4-Mar-18	Sunday
10	5-Mar-18	Numerical differentiation using Backward Formula
	6-Mar-18	" " "
	7-Mar-18	derivative of a function using Divided difference
	8-Mar-18	" " " "
	9-Mar-18	Eigen Value Problem
	10-Mar-18	" "
	11-Mar-18	Sunday
11	12-Mar-18	Power method
	13-Mar-18	" "
	14-Mar-18	Jacobi's Method
	15-Mar-18	" "
	16-Mar-18	Givens's method
	17-Mar-18	" "
	18-Mar-18	Sunday
12	19-Mar-18	Householder's method
	20-Mar-18	" "
	21-Mar-18	QR method
	22-Mar-18	" "
	23-Mar-18	Lanczos's method
	24-Mar-18	" " "
	25-Mar-18	Sunday/ Ram Navami
13	26-Mar-18	Practicals
	27-Mar-18	" "
	28-Mar-18	" "
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Practicals
	31-Mar-18	" "

## Lesson Plan

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

Class and Section:.....B.A. III (VI Sem).....

Subject:.....Numerical Analysis (Mathematics).....

Week	Date	Topics
14	1-Apr-18	Sunday
	2-Apr-18	Numerical integration
	3-Apr-18	Newton's formula
	4-Apr-18	Trapezoidal rule
	5-Apr-18	Simpson's $\frac{1}{3}$ rule
	6-Apr-18	Simpson's $\frac{3}{8}$ rule
	7-Apr-18	Chebyshev Formula
	8-Apr-18	Sunday
15	9-Apr-18	Gauss Quadrature Formula
	10-Apr-18	Numerical solution of ordinary diff Eqn
	11-Apr-18	" " " "
	12-Apr-18	" " " "
	13-Apr-18	" " " "
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
16	16-Apr-18	Practicals
	17-Apr-18	" " " "
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Practicals
	20-Apr-18	" " " "
	21-Apr-18	Revision of syllabus
	22-Apr-18	Sunday
17	23-Apr-18	Revision of syllabus
	24-Apr-18	" " " "
	25-Apr-18	" " " "
	26-Apr-18	" " " "
	27-Apr-18	" " " "
	28-Apr-18	" " " "