## NBGSM College Lesson Plan July 2019- Nov 2019

Name of a	manoj kumar
Class :	B.sc
Semester:	5th
Subject:	al analysis (mathemation

	Day	Date	Торіс
1st Week	1	16-Jul-19	introduction about riemann integeral
	2	17-Jul-19	integrability of continuous function
	3	18-Jul-19	monotonic function
	4	19-Jul-19	integrability of both function
	5	20-Jul-19	fundamental theorem
	Sunday	21-Jul-19	
2nd Week	1	22-Jul-19	f.theorem on integeral calculus
	2	23-Jul-19	intro of m.v t.
	3	24-Jul-19	m.v.theorem of integeral calculus
	4	25-Jul-19	problem class for above topic
	5	26-Jul-19	revision cum problem for unit 1
	6	27-Jul-19	test of unit 1 written or oral
	Sunday	28-Jul-19	
3rd week	1	29-Jul-19	intro about improper integral
	2	30-Jul-19	about convergence of integerals
	3	31-Jul-19	Holiday
	4	1-Aug-19	improper integral and their convergence
	5	2-Aug-19	comparison test
	6	3-Aug-19	abel's test
	Sunday	4-Aug-19	
4th week	1	5-Aug-19	dirichlet's test
	2	6-Aug-19	application of abels test
	3	7-Aug-19	application of dirichlet's test
	4	8-Aug-19	frullani's integral
	5	9-Aug-19	problems of frullani's
	6	10-Aug-19	integral as a function of a paramete
	Sunday	11-Aug-19	
5th week	1	12-Aug-19	Holiday
	2	13-Aug-19	continuity
	3	14-Aug-19	differentiability
	4	15-Aug-19	Holiday
	5	16-Aug-19	integrability

	6	17-Aug-19	function as aparameter for above operator
	Sunday	18-Aug-19	
6th week	1	19-Aug-19	rev. of improper integral
	2	20-Aug-19	rev. of comparison test
	3	21-Aug-19	rev. of continuity
	4	22-Aug-19	rev. of differentiability
	5	23-Aug-19	rev of unit 2
	6	24-Aug-19	Holiday
	Sunday	25-Aug-19	
7th week	1	26-Aug-19	test of unit 2 written or oral
	2	27-Aug-19	def. of metric space
	3	28-Aug-19	examples of metric space
	4	29-Aug-19	neighborhoods
	5	30-Aug-19	limit point
	6	31-Aug-19	interior point
	Sunday	1-Sep-19	
8th week	1	2-Sep-19	open set def with examples
	2	3-Sep-19	closed sets with examples
	3	4-Sep-19	closure of a set
	4	5-Sep-19	interior of a set
	5	6-Sep-19	boundary points
	6	7-Sep-19	subspace of metric space
	Sunday	8-Sep-19	
9th week	1	9-Sep-19	equivalent matrics
	2	10-Sep-19	cauchys sequence
	3	11-Sep-19	completeness
	4	12-Sep-19	cantor's intersection theorem
	5	13-Sep-19	baire's category theorem
	6	14-Sep-19	contraction principle
	Sunday	12-26b-1a	
10th wook	1	16 Son 10	theorem on metric space
TOUL WEEK	2	10-3ep-19	theorem on neibourbood
	2	17 Sep 15	theorem on limit points
	J	10-Sep-19	theorem on interior points
	5	20-Sep-19	theorem on open and closed sets
	6	21-Sep-19	theorem on closure
	Sunday	22-Sep-19	
11th week	1	23-Sep-19	Holiday
	2	24-Sep-19	rev of metric space and its theorem's
	3	25-Sep-19	rev of nhd
	4	26-Sep-19	rev of limit points interior
L			

	5	27-Sep-19	rev of rest of topics
	6	28-Sep-19	problem taking class of unit 3
	Sunday	29-Sep-19	
12th week	1	30-Sep-19	test of unit 3
	2	1-Oct-19	intro about cts functions
	3	2-Oct-19	Holiday
	4	3-Oct-19	uniform cts fn.
	5	4-Oct-19	compactness for metric spaces
	6	5-Oct-19	sequential compactness
	Sunday	6-Oct-19	
13th week	1	7-Oct-19	bolzano weiestrass theorem
	2	8-Oct-19	Holiday
	3	9-Oct-19	total boundedness
	4	10-Oct-19	f.i.p
	5	11-Oct-19	continuity with compactness
	6	12-Oct-19	connectedness
	Sunday	13-Oct-19	
14th week	1	14-Oct-19	components
	2	15-Oct-19	continuity with connectedness
	3	16-Oct-19	rev of cts and uniform cts fn.
	4	17-Oct-19	Holiday
	5	18-Oct-19	rev of compactness
	6	19-Oct-19	rev of b.w.p
	Sunday	20-Oct-19	
15th week	1	21-Oct-19	rev of f.i.p
	2	22-Oct-19	rev of unit 4
	3	23-Oct-19	problem class of unit4
	4	24-Oct-19	Vacations
	5	25-Oct-19	Vacations
	6	26-Oct-19	Vacations
	Sunday	27-Oct-19	
			Vacations
16th week	1	28-Oct-19	Vacations
	2	29-Oct-19	Vacations
	3	30-Oct-19	Vacations
	4	31-Oct-19	discusion about unit 4
	5	1-Nov-19	Holiday
	6	2-Nov-19	rev of unit 1
	Sunday	3-Nov-19	
17th week	1	4-Nov-19	test of unit 1
	2	5-Nov-19	rev of unit2
	3	6-Nov-19	test of unit 2

	4	7-Nov-19	rev of unit 3
	5	8-Nov-19	test of unit3
	6	9-Nov-19	rev of unit 4
	Sunday	10-Nov-19	
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18th week	1	11-Nov-19	test of unit 4
	2	12-Nov-19	p.class of unit 1
	3	13-Nov-19	p.class of unit 2
	4	14-Nov-19	p.class of unit3
	5	15-Nov-19	p.class of unit4
	6	16-Nov-19	complete book test
	Sunday	17-Nov-19	
Name of a	nanoj kuma	r	
Class :	b.sc		
Semester:	5th		
Subject:	roup and rir	ng	
	Day	Date	Торіс
1st Week	1	16-Jul-19	def. of gp.
	2	17-Jul-19	properties of gp.
	3	18-Jul-19	theorems of gp.
	4	19-Jul-19	subgp. With criteria
	5	20-Jul-19	generator of a gp.
	Sunday	21-Jul-19	
2nd Week	1	22-Jul-19	cyclic gp.
	2	23-Jul-19	cosets
	3	24-Jul-19	theorems of cosets
	4	25-Jul-19	left and right cosets
	5	26-Jul-19	index of a subgp.
	6	27-Jul-19	coset decomposition
	Sunday	28-Jul-19	
3rd week	1	29-Jul-19	lagranges theorem
	2	30-Jul-19	consequence of above theorem
	3	31-Jul-19	Holiday
	4	1-Aug-19	normal subgroup
	5	2-Aug-19	quotient group
	6	3-Aug-19	quotient group
	Sunday	4-Aug-19	
<b>4 b b c c c c c c c c c c</b>	1	F A 40	homomorphism
4th week		5-Aug-19	icomornoironism
	2	0-Aug-19	
	3	7-Aug-19	automorphism
	4	0-Aug-19	
	5	9-Aug-19	lautomorphism of cyclic groups

	6	10-Aug-19	permutations groups
	Sunday	11-Aug-19	
5th week	1	12-Aug-19	Holiday
	2	13-Aug-19	even and odd permutation
	3	14-Aug-19	alternating group
	4	15-Aug-19	Holiday
	5	16-Aug-19	cayley's theorem
	6	17-Aug-19	center of a group
	Sunday	18-Aug-19	
6th week	1	19-Aug-19	derived group
	2	20-Aug-19	theorem based on automorphism
	3	21-Aug-19	theorem based on permutation group
	4	22-Aug-19	rev. of above topic
	5	23-Aug-19	problem class on above topics
	6	24-Aug-19	Holiday
	Sunday	25-Aug-19	
7th week	1	26-Aug-19	basics of rings
	2	27-Aug-19	subrings
	3	28-Aug-19	basic problems on ring and subrings
	4	29-Aug-19	theorems based on subrings
	5	30-Aug-19	integral domain
	6	31-Aug-19	problem class for students
	Sunday	1-Sep-19	
8th week	1	2-Sep-19	fields theorems and numericals
	2	3-Sep-19	characteristics of a ring
	3	4-Sep-19	ring homomorphism
	4	5-Sep-19	Ideals
	5	6-Sep-19	priciple,prime,maximal ideals
	0 Curral aux	7-Sep-19	pricipie,prime,maximai ideais
	Sunday	8-26b-13	
0th wook	1	0.500.10	field of quotient of an integral domain
JUI WEEK	2	10_Son_10	
	2	11-Sep-19	
	4	12-Sep-19	rational field
	5	12 Sep 15	Fisenstein's criterion
	6	14-Sen-19	problem class for students
	Sunday	15-Sep-19	
	canady	10 000 15	
10th week	1	16-Sep-19	polynomial ring over commutative rings
	2	17-Sep-19	unique factorization domain
	- 3	18-Sep-19	rev. of group and its application
	4	19-Sen-19	rev. of subgo. Cosets
	•	1 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	[

	5	20-Sep-19	rev. of normal and quotient gp.
	6	21-Sep-19	problem class for students
	Sunday	22-Sep-19	
11th week	1	23-Sep-19	Holiday
	2	24-Sep-19	rev. of homomorphism, isomor. Automor.
	3	25-Sep-19	rev. of innerautomorphism
	4	26-Sep-19	rev. of rings
	5	27-Sep-19	rev. of subrings
	6	28-Sep-19	rev of polynomial ring
	Sunday	29-Sep-19	
12th week	1	30-Sep-19	test of group unit
	2	1-Oct-19	test for homomorphism unit
	3	2-Oct-19	Holiday
	4	3-Oct-19	test for polynomial ring unit
	5	4-Oct-19	problem class for students
	6	5-Oct-19	problem class for students
	Sunday	6-Oct-19	
13th week	1	7-Oct-19	problem class for students
	2	8-Oct-19	Holiday
	3	9-Oct-19	motion on smooth plane curve
	4	10-Oct-19	motion on rough plane curve
	5	11-Oct-19	projectile motion
	6	12-Oct-19	problem based on projectile motion
	Sunday	13-Oct-19	
14th week	1	14-Oct-19	rev. of above topic
	2	15-Oct-19	rev. of above topic
	3	16-Oct-19	test of above topic
	4	17-Oct-19	Holiday
	5	18-Oct-19	vector angular velocity
	6	19-Oct-19	problem based on angular velocity
	Sunday	20-Oct-19	
15th week	1	21-Oct-19	general motion of a rigid body
	2	22-Oct-19	central orbits
	3	23-Oct-19	rev. of above topic
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	Sunday	27-Oct-19	holidav
			,
16th week	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	

	4	31-Oct-19	test of above topic
	5	1-Nov-19	Holiday
	6	2-Nov-19	test of above topic
	Sunday	3-Nov-19	
17th week	1	4-Nov-19	kepler laws of motion
	2	5-Nov-19	problems based on central orbit
	3	6-Nov-19	problem based on keplers laws
	4	7-Nov-19	theoritical problems on central orbit
	5	8-Nov-19	rev. of above topic
	6	9-Nov-19	test of above topic
	Sunday	10-Nov-19	
18th week	1	11-Nov-19	motion of a particle
	2	12-Nov-19	motion of a particle in three dimensions
	3	13-Nov-19	co-ordinate system
	4	14-Nov-19	acceleraion in terms of co-ordinate systems
	5	15-Nov-19	problems class for students
	6	16-Nov-19	problems class for students
	Sunday	17-Nov-19	
			Торіс

Name of a	MANOJ KUMAR
Class :	B.SC
Semester:	5
Subject:	NUMERICAL ANALYSIS

	Day	Date	Торіс
1st Week	1	16-Jul-19	Finite Differences operators
	2	17-Jul-19	Finite Differences operators and their relations
			Problem based on Finite Differences operators and
	3	18-Jul-19	their relations
			Problem based on Finite Differences operators and
			their relations
	4	19-Jul-19	
	5	20-Jul-19	Problem based on missing terms
	Sunday	21-Jul-19	
2nd Week	1	22-Jul-19	Error, Type of error
	2	23-Jul-19	problem based on error
	3	24-Jul-19	effect of error in a difference tabular values
	4	25-Jul-19	effect of error in a difference tabular values
	5	26-Jul-19	Interpolation
	6	27-Jul-19	Interpolation with equal interval

	Sunday	28-Jul-19	
3rd week	1	29-Jul-19	Interpolation with unequal intervals
			Problem based on Interpolation with equal
	2	30-Jul-19	intervals
	3	31-Jul-19	Holiday
			Problem based on Interpolation with equal
	4	1-Aug-19	intervals
			Problem based on Interpolation with equal
	5	2-Aug-19	intervals
			Problem based on Interpolation with equal
	6	3-Aug-19	intervals
	Sunday	4-Aug-19	
4th week	1	5-Aug-19	Newton's forwardinterpolation formula
	2	6-Aug-19	Newton's forwardinterpolation formula
	3	7-Aug-19	Newton's backward interpolation formulae
	4	8-Aug-19	problem based on Newton forward
	5	9-Aug-19	problem based on Newton backward
			Programme based on Newton forward interpolation
	6	10-Aug-19	
	Sunday	11-Aug-19	
			Programme based on Newton forward interpolation
5th week	1	12-Aug-19	
	2	13-Aug-19	Newton's divided difference formulae
			Problem based on Newton's divided difference
			formulae
	3	14-Aug-19	
			Programme based on Newton Divided difference
	4	15-Aug-19	
	5	16-Aug-19	Lagrange's Interpolation formulae,
	6	17-Aug-19	Lagrange's interpolation formulae,
	Sunday	18-Aug-19	
			Duchlass has a day been we'r hefernalaffau
		10 0 10	Problem based on Lagrange's Interpolation
6th week	1	19-Aug-19	formulae,
			Programme based on Lagrang interpolation
	2	20-Aug-19	
	3	21-Aug-19	Hermite polynomial
	4	22-Aug-19	Problem based on Hermite polynomial
	5	23-Aug-19	Central Differences formulae
		24 4 10	problem based on Central Differences formulae
	b Curralar	24-Aug-19	
	Sunday	25-Aug-19	

			problem based on Central Differences formulae
7th week	1	26-Aug-19	•
			problem based on Central Differences formulae
	2	27-Aug-19	
	3	28-Aug-19	Practical
	4	29-Aug-19	Gauss forward formulae
	5	30-Aug-19	Programme based on Gauss forward formulae
	6	31-Aug-19	Programme based on Gauss forward formulae
	Sunday	1-Sep-19	
			problem based on Gauss forward interpolation formulae
8th week	1	2-Sep-19	
			problem based on Gauss forward interpolation formulae
	2	3-Sep-19	
			problem based on Gauss forward interpolation formulae
	3	4-Sep-19	
	4	5-Sep-19	Gauss's backward interpolation formulae
			problem based on Gauss's backward interpolation formulae
	5	6-Sep-19	
			problem based on Gauss's backward interpolation
	<i>.</i>	7.6 10	tormulae
	6 Curral aux	7-Sep-19	
	Sunday	8-Seb-19	
			programmo basod on Gauss backward
			internolation
9th week	1	9-Sen-19	formulae
Jen Week	2	10-Sep-19	Meaning of sterling
	3	11-Sep-19	Problem based on Sterling.
	4	12-Sep-19	Bessel Formula.
	5	13-Sep-19	Problem based on Bessel Formula.
	6	14-Sep-19	Practical
	Sunday	15-Sep-19	
10th week	1	16-Sep-19	Probability distribution of random variables
	2	17-Sep-19	Probability distribution of random variables
	3	18-Sep-19	Binomial distribution,
	4	19-Sep-19	problem based on Binomial distribution
	5	20-Sep-19	properties of Binomial Distributions
	6	21-Sep-19	Poisson's distribution,
	Sunday	22-Sep-19	
11th week	1	23-Sep-19	Holiday

	2	24-Sep-19	problem based on Poisson distribution
	3	25-Sep-19	Normal distribution
	4	26-Sep-19	Problem based on Normal distribution
	5	27-Sep-19	Properties based on Normal distribution
	6	28-Sep-19	Mean, Variance
	Sunday	29-Sep-19	
12th week	1	30-Sep-19	Problem based on mean variance
	2	1-Oct-19	properties of mean , variance
	3	2-0ct-19	curve fitting
	4	3-Oct-19	Holiday
	5	4-Oct-19	programme based on curve fitting
	6	5-Oct-19	programme based on curve fitting
	Sunday	6-Oct-19	
13th week	1	7-Oct-19	programme based on curve fitting
	2	8-Oct-19	Holiday
	3	9-Oct-19	problem based on curve fitting
	4	10-Oct-19	programme based on curve fitting
	5	11-Oct-19	Numerical Differentiation
	6	12-Oct-19	practicals
	Sunday	13-Oct-19	
14th week	1	14-Oct-19	Eigen Value Problems
	2	15-Oct-19	Power method
	3	16-Oct-19	Problem based on Eigen Value Problems
	4	17-Oct-19	Holiday
	5	18-Oct-19	Problem based on Eigen Value Problems
	6	19-Oct-19	Problem based on Power Method
	Sunday	20-Oct-19	
15th week	1	21-Oct-19	Practical
	2	22-Oct-19	Jacobi's method
	3	23-Oct-19	Problem based on Jacobi's method
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	Sunday	27-Oct-19	Vacations
			Vacations
16th week	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	Problem based on Jacobi's method
	5	1-Nov-19	Holiday
	6	2-Nov-19	Given's method,
	Sunday	3-Nov-19	

17th week	1	4-Nov-19	Problem based on Given's method,
	2	5-Nov-19	House-Holder's method,
	3	6-Nov-19	QR method
	4	7-Nov-19	Lanczos method
	5	8-Nov-19	Problem based on House-Holder method
	6	9-Nov-19	Problem based on House-Holder method
	Sunday	10-Nov-19	
18th week	1	11-Nov-19	Problem based on House-Holder method
	2	12-Nov-19	revision
	3	13-Nov-19	Problem based on House-Holder method
	4	14-Nov-19	revision
	5	15-Nov-19	Problem based on House-Holder method
	6	16-Nov-19	test
	Sunday	17-Nov-19	

Name of a	manoj kumar
Class :	b.sc
Semester:	1st
Subject:	thematics(solid geomet

	Day	Date	Торіс
1st Week	1	16-Jul-19	general equation of second degree
	2	17-Jul-19	curve embedded in equation
	3	18-Jul-19	tracing of conics
	4	19-Jul-19	tangent at any point to the conics
	5	20-Jul-19	chord of contact
	Sunday	21-Jul-19	
2nd Week	1	22-Jul-19	pole of line to conic
	2	23-Jul-19	pole of line to conic
	3	24-Jul-19	director circle
	4	25-Jul-19	director circle
	5	26-Jul-19	system of conic
	6	27-Jul-19	system of conic
	Sunday	28-Jul-19	
3rd week	1	29-Jul-19	confocal conics
	2	30-Jul-19	confocal conics
	3	31-Jul-19	Holiday
	4	1-Aug-19	polar equation of conic
	5	2-Aug-19	polar equation of conic
	6	3-Aug-19	tangent and normal to the conic
	Sunday	4-Aug-19	

4th week	1	5-Aug-19	tangent and normal to the conic
	2	6-Aug-19	revision
	3	7-Aug-19	problem in class
	4	8-Aug-19	test of unit 1
	5	9-Aug-19	plane section of sphere
	6	10-Aug-19	plane section of sphere
	Sunday	11-Aug-19	
5th week	1	12-Aug-19	Holiday
	2	13-Aug-19	intersection of two spheres
	3	14-Aug-19	intersection of two spheres
	4	15-Aug-19	Holiday
	5	16-Aug-19	radical plane
	6	17-Aug-19	radical plane
	Sunday	18-Aug-19	
6th week	1	19-Aug-19	co axal system of spheres
	2	20-Aug-19	co axal system of spheres
	3	21-Aug-19	right circular cone,
	4	22-Aug-19	right circular cone,
	5	23-Aug-19	right circular cone,
	6	24-Aug-19	Holiday
	Sunday	25-Aug-19	
7th week	1	26-Aug-19	enveloping cone and reciprocal cone
	2	27-Aug-19	enveloping cone and reciprocal cone
	3	28-Aug-19	enveloping cone and reciprocal cone
	4	29-Aug-19	right circular cylinder and enveloping cylinder
	5	30-Aug-19	right circular cylinder and enveloping cylinder
	6	31-Aug-19	right circular cylinder and enveloping cylinder
	Sunday	1-Sep-19	
8th week	1	2-Sep-19	rivision of unit 2
	2	3-Sep-19	problem of unit 2
	3	4-Sep-19	test of unit 2
	4	5-Sep-19	equation of tangent plance
	5	6-Sep-19	director sphere
	6	7-Sep-19	normal to the conicoids
	Sunday	8-Sep-19	
9th week	1	9-Sep-19	polar plane of point
	2	10-Sep-19	polar plane of point
	3	11-Sep-19	enveloping cone
	4	12-Sep-19	enveloping cone
	5	13-Sep-19	enveloping cylinder of a conicoid
	6	14-Sep-19	enveloping cylinder of a conicoid
	Sunday	15-Sep-19	

10th week	1	16-Sep-19	rivision of unit 3
	2	17-Sep-19	rivision of unit 3
	3	18-Sep-19	problem of unit 3
	4	19-Sep-19	problem of unit 3
	5	20-Sep-19	test of unit 3
	6	21-Sep-19	circular section
	Sunday	22-Sep-19	
11th week	1	23-Sep-19	Holiday
	2	24-Sep-19	plane section
	3	25-Sep-19	plane section
	4	26-Sep-19	generating line
	5	27-Sep-19	generating line
	6	28-Sep-19	confocal conicoid
	Sunday	29-Sep-19	
12th week	1	30-Sep-19	confocal conicoid
	2	1-Oct-19	confocal conicoid
	3	2-Oct-19	Holiday
	4	3-Oct-19	reduction of second degree equation
	5	4-Oct-19	reduction of second degree equation
	6	5-Oct-19	reduction of second degree equation
	Sunday	6-Oct-19	
13th week	1	7-Oct-19	rivision of unit 4
	2	8-Oct-19	Holiday
	3	9-Oct-19	circular section
	4	10-Oct-19	plane section
	5	11-Oct-19	plane section
	6	12-Oct-19	generating line
	Sunday	13-Oct-19	
14th week	1	14-Oct-19	generating line
	2	15-0ct-19	
	3	16-0ct-19	
	4	17-0ct-19	Holiday
	5	18-0ct-19	generating line
	0 Cundou	19-0ct-19	
	Sunday	20-001-19	
1 Eth woold	1	21 Oct 10	nrahlam of unit 4
15th week	1	21-0(l-19	problem of unit 4
	2	22-001-19	problem of unit 4
	<u></u> л	23-001-19	
	4 C	24-001-19	
	5	25-001-19	
	Ø	20-001-19	

	Sunday	27-Oct-19	Vacations
			Vacations
16th week	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	test of unit 4
	5	1-Nov-19	Holiday
	6	2-Nov-19	rivision unit 1
	Sunday	3-Nov-19	
17th week	1	4-Nov-19	problem unit 1
	2	5-Nov-19	test unit 1
	3	6-Nov-19	rivision unit 2
	4	7-Nov-19	problem unit 2
	5	8-Nov-19	test unit 2
	6	9-Nov-19	rivision unit 3
	Sunday	10-Nov-19	
18th week	1	11-Nov-19	problem unit 3
	2	12-Nov-19	test unit 3
	3	13-Nov-19	rivision unit 4
	4	14-Nov-19	problem unit 4
	5	15-Nov-19	problem unit 4
	6	16-Nov-19	test unit 4
	Sunday	17-Nov-19	