

VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM - LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: I

PAPER I: Differential Equations
 CLASS: I B.Sc. (M.P.Cs)

NAME OF THE LECTURER: N.S.V. KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE									
2019-20									
1	4 TH WEEK	6	Orientation Class Differential equations Reducible to Linear Form		Orientation Class Teaching Classes PSS	1 3 2			
2	5 TH WEEK	6	Exact differential Equations, Integrating factors.		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : JULY									
2019-20									
3	1 ST WEEK	6	Integrating factors, Change of variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	5	Orthogonal Trajectories		Teaching Classes PSS	3 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	3 2	Class room seminar	1	
6	4 TH WEEK	6	Equations solvable for y I MID Examinations		Teaching Classes PSS	2 1			
7	5 TH WEEK	3	Equations that do not contain x (or y)		Teaching Classes PSS	2 1			
MONTH : AUGUST									
2019-20									
8	1 ST WEEK	3	Equations of first degree in x and y -Clairaut's Equations.		Teaching Classes PSS	2 1			
9	2 ND WEEK	5	Solution of homogeneous linear equations of order n with constant coefficient		Teaching Classes PSS	3 2			

9	3 RD WEEK	4	Solution of homogeneous linear differential with constant coefficients by means of polynomial operators. P.I of $f(D)y = Q$ where Q is an exponential function		Teaching Classes PSS	2 2			
10	4 TH WEEK	5	P.I of $f(D)y = Q$ where Q is $b \sin ax$ or $b \cos ax$. General solution of $f(D)y = Q$ where Q is a function of x		Teaching Classes PSS	2 3			
11	5 TH WEEK	6	P.I of $f(D)y = Q$ where $Q = bx^k$ P.I of $f(D)y = Q$ where $Q = e^{ax}V$		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : SEPTEMBER									2019-20
12	1 ST WEEK	5	Problem solving session		Teaching Classes PSS	3 2			
13	2 ND WEEK	4	P.I of $f(D)y = Q$ where $Q = X^v$		Teaching Classes PSS	2 2			
14	3 RD WEEK	6	P.I of $f(D)y = Q$ where $Q = xm^v$ II-MID Examinations		Teaching Classes PSS	1 1	Class room seminar	1	
15	4 TH WEEK	6	Methods of variation of parameters		Teaching Classes PSS	4 2			
MONTH : OCTOBER									2019-20
16	1 ST WEEK	4	Linear differential equations with non-constant coefficient		Teaching Classes PSS	2 2			
17	2 ND WEEK		DASARA HOLIDAYS						
18	3 RD WEEK	5	The Cauchy-Euler equations		Teaching Classes PSS	2 2	Class room seminar	1	
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
23	3 RD WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						


SIGNATURE OF THE LECTURER


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VSM COLLEGE (A):: RAMACHANDRAPURAM

TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: V

PAPER V: RING THEORY AND VECTOR CALCULUS

CLASS: III B.Sc (M.P.Cs)

NAME OF THE LECTURER: N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE									
2019-20									
1	3 RD WEEK	3	Definition of Ring and basic properties, Boolean Rings,		Teaching Classes PSS	2 1			
2	4 TH WEEK	5	divisors of zero and cancellation laws, Rings Integral Domains,		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Division Ring and Fields, The characteristic of a ring.The characteristic of an Integral Domain.		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : JULY									
2019-20									
4	1 ST WEEK	5	The characteristic of a Field, Sub Rings, Ideals		Teaching Classes PSS	3 2			
5	2 ND WEEK	4	Definition of Homomorphism – Homomorphic Image – Elementary Properties of Homomorphism –		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Kernel of a Homomorphism – Fundamental theorem of Homomorphism		Teaching Classes PSS	2 2	Classroom seminar	1	
7	4 TH WEEK	5	I MID EXAMS Maximal Ideals		Teaching Classes PSS	1 1			
8	5 TH WEEK	2	Prime ideals		Teaching Classes PSS	1 1			
MONTH : AUGUST									
2019-20									
9	1 ST WEEK	2	Vector Differentiation, Ordinary derivatives of vectors,		Teaching Classes PSS	1 1			
10	2 ND WEEK	4	Differentiability		Teaching Classes PSS	1 2	Classroom seminar	1	
11	3 RD WEEK	3	Gradient, Divergence		Teaching Classes	2			

					PSS	1			
12	4 TH WEEK	4	Curl operators		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Formulae Involving these operators Line Integral		Teaching Classes PSS	2 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	4	Surface Integral		Teaching Classes PSS	2 1	Classroom seminar	1	
15	2 ND WEEK	4	Volume integral with examples		Teaching Classes PSS	2 2			
16	3 RD WEEK	4	MID II EXAMS Gauss theorem		Teaching Classes PSS	1			
17	4 TH WEEK	5	Gauss theorem in plane and applications of these theorems		Teaching Classes PSS	2 2	Classroom seminar	1	
18	5 TH WEEK	4	Stokes theorem in plane and applications of these theorems		Teaching Classes PSS	2 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	3	Green's theorem in plane and applications of these theorems		Teaching Classes PSS	2 1			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	5	RIVISION		Teaching Classes PSS	3 2			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: VI

PAPER IV: NUMERICAL ANALYSIS
CLASS: III B.Sc. (M.P.Cs)

NAME OF THE LECTURER: N.S.V. KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 RD WEEK	2	Errors and their Accuracy, Mathematical preliminaries,		Teaching Classes PSS	1 1			
2	4 RD WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	2 2	Classroom seminar	1	
3	5 TH WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3. 2			
MONTH : DECEMBER									2019-20
4	1 ST WEEK	5	The bisection method ,Theiteration method The method of false position		Teaching Classes PSS	3 2			
5	2 ST WEEK	4	Newton Raphson method ,Generalized Newton Raphson method.		Teaching Classes PSS	2 1	Classroom seminar	1	
6	3 RD WEEK	5	I MID EXAMINATIONS Muller's method		Teaching Classes PSS	2 2	QUIZ		
7	4 TH WEEK	2	CHRISTMAS HOLIDAYS Central Differences		Teaching Classes PSS	1 1			
MONTH : JANUARY									2019-20
9	1 ST WEEK	3	Symbolic relations ,Detection of errors by use of differences Tables, Differences of a polynomial		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Newton's formulae for interpolation		Teaching Classes PSS	2 2			MID I EXAMS CONDUCTED

11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	5	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 2	Classroom seminar	1	
13	5 TH WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	2 2			
2019-20									
MONTH : FEBRUARY									
15	2 RD WEEK	4	Interpolation With unevenly spaced points, Lagrange's formula		Teaching Classes PSS	2 2			
16	3 TH WEEK	5	Error in Lagrange's formula Divided differences and their properties		Teaching Classes PSS	2 2	Classroom seminar	1	
17	4 TH WEEK	4	Relation between divided differences and forward differences,		Teaching Classes PSS	2 2			
18	5 TH WEEK	5	II MID EXAMS Relation between divided differences and backward differences		Teaching Classes PSS	1 1	Foss workshop Conducted		
2019-20									
MONTH : MARCH									
19	1 ND WEEK	5	Relation between Divided differences and central differences		Teaching Classes PSS	2 2	Classroom seminar	1	
20	2 ND WEEK	4	Newton's general interpolation Formula		Teaching Classes PSS	2 2			
21	3 ND WEEK	5	Inverse interpolation REVISION		Teaching Classes PSS	3 2			MID II EXAMS CONDUCTED
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
2019-20									
MONTH : APRIL									
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019						
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM

TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: I

PAPER I: Differential Equations

CLASS: I B.Sc., (M.P.Cs)

NAME OF THE LECTURER: N.L.N.MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE									
2019-20									
1	4 TH WEEK	6	Orientation Class Differential equations Reducible to Linear Form		OrientationClass Teaching Classes PSS	1 3 2			
2	5 TH WEEK	6	Exact differential Equations, Integrating factors.		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : JULY									
2019-20									
3	1 ST WEEK	6	Integrating factors, Change of variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	5	Orthogonal Trajectories		Teaching Classes PSS	3 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	3 2	Class room seminar	1	
6	4 TH WEEK	6	Equations solvable for y I MID Examinations		Teaching Classes PSS	2 1			
7	5 TH WEEK	3	Equations that do not contain x (or y)		Teaching Classes PSS	2 1			
MONTH : AUGUST									
2019-20									
8	1 ST WEEK	3	Equations of first degree in x and y -Clairaut's Equations.		Teaching Classes PSS	2 1			
9	2 ND WEEK	5	Solution of homogeneous linear equations of order n with constant coefficient		Teaching Classes PSS	3 2			

9	3 RD WEEK	4	Solution of homogeneous linear differential with constant coefficients by means of polynomial operators. P.I of $f(D)y = Q$ where Q is an exponential function		Teaching Classes PSS	2 2			
10	4 TH WEEK	5	P.I of $f(D)y = Q$ where Q is $b \sin ax$ or $b \cos ax$. General solution of $f(D)y = Q$ where Q is a function of x		Teaching Classes PSS	2 3			
11	5 TH WEEK	6	P.I of $f(D)y = Q$ where $Q = bx^k$ P.I of $f(D)y = Q$ where $Q = e^{ax}$		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : SEPTEMBER									2019-20
12	1 ST WEEK	5	Problem solving session		Teaching Classes PSS	3 2			
13	2 ND WEEK	4	P.I of $f(D)y = Q$ where $Q = x^v$		Teaching Classes PSS	2 2			
14	3 RD WEEK	6	P.I of $f(D)y = Q$ where $Q = xm^v$ II-MID Examinations		Teaching Classes PSS	1 1	Class room seminar	1	
15	4 TH WEEK	6	Methods of variation of parameters		Teaching Classes PSS	4 2			
MONTH : OCTOBER									2019-20
16	1 ST WEEK	4	Linear differential equations with non-constant coefficient		Teaching Classes PSS	2 2			
17	2 ND WEEK		DASARA HOLIDAYS						
18	3 RD WEEK	5	The Cauchy-Euler equations		Teaching Classes PSS	2 2	Class room seminar	1	
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
23	3 RD WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						

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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: III

PAPER III: ABSTRACT ALGEBRA
 CLASS: II B.Sc (M.P.Cs)

NAME OF THE LECTURER: N.L.N.MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : JUNE									
1	3 RD WEEK	4	Binary operation – Algebraic structure – semi group – monoid - Group definition		Teaching Classes PSS	2 2			
2	4 TH WEEK	6	Problems solved on group definition		Teaching Classes PSS	4 2			
3	5 TH WEEK	6	Elementary properties finite and infinite groups – examples		Teaching Classes PSS	3 2	Class room seminar	1	
2019-20									
MONTH : JULY									
4	1 ST WEEK	6	Order of a group. Composition tables with examples		Teaching Classes PSS	4 2			
5	2 ND WEEK	5	Union and intersection of subgroups .cosets definition properties of cosets		Teaching Classes PSS	3 2			
6	3 RD WEEK	6	Index of subgroups of a finite groups – Lagrange’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
7	4 TH WEEK	6	I MID EXAMS Definition of normal subgroup – proper and improper normal subgroup- Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	2 1			
8	5 TH WEEK	3	Intersection of two normal subgroup – sub group of index 2 is a normal sub group		Teaching Classes PSS	2 1			

MONTH : AUGUST										2019-20
9	1 ST WEEK	3	simple group- quotient group –criteria for the existence of a quotient group.		Teaching Classes PSS	2 1				
10	2 ND WEEK	5	Definition of homomorphism – image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	3 2	Classroom seminar	1		
11	3 RD WEEK	4	Isomorphism –automorphism definitions and elementary properties –kernel of a homomorphism		Teaching Classes PSS	3 1				
12	4 TH WEEK	5	Fundamental theorem on homomorphism and applications.		Teaching Classes PSS	3 2				
13	5 TH WEEK	6	Definition of permutation- permutation multiplication		TeachingClasses PSS	3 3				
MONTH : SEPTEMBER										2019-20
14	1 ST WEEK	5	Problems solving session		Teaching Classes PSS	2 2	Classroom seminar	1		
15	2 ND WEEK	4	Inverse of a permutation –cyclic permutations-		Teaching Classes PSS	2 2				
16	3 RD WEEK	5	II MID Exams Transpositions		Teaching Classes PSS	1 1				
17	4 TH WEEK	6	Even and odd permutations – Cayley’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1		
18	5 TH WEEK	5	Definition of cyclic group –elementary properties		Teaching Classes PSS	3 2				
MONTH : OCTOBER										2019-20
19	1 ST WEEK	4	Classification of cyclic groups		Teaching Classes PSS	2 2				
20	2 ND WEEK		DASARA HOLIDAYS							
21	3 RD WEEK	6	RIVISION		Teaching Classes PSS	3 2	Classroom seminar	1		
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019							
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019							
MONTH : NOVEMBER										2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019							
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019							
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019							

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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: II

PAPER II: SOLID GEOMETRY
CLASS: I B.Sc., (M.P.Cs)

NAME OF THE LECTURER: N.L.N. MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 ND WEEK	3	Equation of a plane in terms of its intercept on the axis , Equation of the plane through the given points		Teaching Classes PSS	2 1			
2	4 RD WEEK	6	Length of the perpendicular from a given point to a given plane, Bisectors of angle between two planes		Teaching Classes PSS	3 3			
3	5 TH WEEK	6	Combined equation of two planes ,orthogonal projection on a plane		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : DECEMBER									2019-20
4	1 ST WEEK	6	Equation of a line, angle between a line and a plane		Teaching Classes PSS	3 3			
5	2 ND WEEK	5	The condition that a given line may lie in a given plane , The condition that two given lines are coplanar		Teaching Classes PSS	2 2	Classroom seminar	1	
6	3 RD WEEK	6	Number of arbitrary constants in the equation of a straight line, Sets of conditions which determine a line I MID examinations		Teaching Classes PSS	1 1	QUIZ	1	
7	4 TH WEEK	3	Christmas Holidays The length and equation of the line of shortest distance between two Straight lines		Teaching Classes PSS	2 1			
MONTH : JANUARY									2019-20
8	1 ST WEEK	4	Length of the perpendicular from a given point to a given line		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Definition and equation of the sphere, equation of the sphere through Four given points, plane sections of a sphere		Teaching Classes PSS	3 2			MID I EXAMS CONDUCTED
10	3 ND		PONGAL HOLIDAYS						

	WEEK								
11	4 ND WEEK	6	Intersection of two sphere ,equation of a circle, sphere through a givenCircle ,intersection of a sphere and lie , power of a point		Teaching Classes PSS	3 3			
12	5 RD WEEK	5	Tangent plane ,plane of contact , polar plane Pole of a plane , conjugate points, conjugate planes, Angle of intersections of two spheres		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : FEBRUARY									2019-20
13	2 TH WEEK	5	Conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres, simplified from of the equations of two spheres.		Teaching Classes PSS	3 2			
14	3 ND WEEK	6	Definitions of a cone ,vertex , guiding curve , generators, equation of the cone with a given vertex and guiding curve , enveloping cone of a sphere , Equations of cones with vertex at origin are homogenous.		Teaching Classes PSS	2 1			
15	4 RD WEEK	5	Condition that the general equation of the second degree should represent a cone ,		Teaching Classes PSS	4 2			
16	5 TH WEEK	6	II Mid exams condition that a cone may have three mutually perpendicular generators		Teaching Classes PSS	1 1	Class room seminar	1	FOSS Workshop Conducted
MONTH : MARCH									2019-20
	1 ST WEEK	6	Intersections of a line and a quadric cone , tangent lines and tangent plane at a point		Teaching Classes PSS	1 1			
17	2 ND WEEK	5	Condition that a plane may touch a cone , reciprocal cones,		Teaching Classes PSS	3 1	Class room seminar	1	
18	3 RD WEEK	6	intersections of two cones with a common vertex RIVISION		Teaching Classes PSS	4 2			MID II EXAMS CONDUCTED
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END EXAMINATIONS-2019						
23	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						

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TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: IV

PAPER IV: REAL ANALYSIS
CLASS: II B.Sc. (M.P.Cs)

NAME OF THE LECTURER: N.L.N.MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 RD WEEK	3	The algebraic and order properties of R, absolute value and real line , completeness property of R ,Applications of supreme property ; intervals . No Question is to be set from this portion		Teaching Classes PSS	2 1			
2	4 RD WEEK	6	Sequence and their limits , range and boundedness of sequences,Limit of a sequence . the Cauchy's criterion , properly divergent sequences		Teaching Classes PSS	3 2	Classroom seminar	1	
3	5 TH WEEK	6	Monotone sequence , necessary and sufficient condition for convergence of monotone sequence , limit point f sequence ,subsequences and the Bolzano- weierstrass theorem –Cauchy sequences – cauchy's general principle of convergence theorem.		Teaching Classes PSS	4. 2			
MONTH : DECEMBER									2019-20
4	1 ST WEEK	6	Introduction to series , convergence of series . Cauchy's general principle of convergence of series tests for convergence of series , series of non-negative terms .		Teaching Classes PSS	3 3			
5	2 ST WEEK	5	1P-test 2.cauchy's root test or root test .3. D' Alembert's test or ratio test .		Teaching Classes PSS	3 2	Classroom seminar	1	
6	3 RD WEEK	6	I MID EXAMINATIONS 4. Alternating series.		Teaching Classes PSS	2 1	QUIZ		
7	4 RD WEEK	3	Leibnitz test. Absolute convergence and conditional convergence CHRISTMAS HOLIDAYS		Teaching Classes PSS	2 1			
8	5 TH WEEK	2	Llimit concept Real valued functions. Roundedness of a function		Teaching Classes PSS	1 1			
MONTH : JANUARY									2019-20

9	1 ST WEEK	4	Limits of functions Limits of functions. Some extensions of the limit concept		Teaching Classes PSS	2 2			
10	2 ND WEEK	5	Infinite limit at infinity. No. question is to be set from this portion continuous functions:	<i>Add-on-Programme started 30 days</i>	Teaching Classes PSS	3 2			MID I EXAMS CONDUCTED
11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	6	Continuous functions on intervals Uniform continuity		Teaching Classes PSS	3 2	Classroom seminar	1	
13	5 TH WEEK	5	The derivability of a function , on an interval at a point ,derivability and continuity of function , graphical meaning of the derivative		Teaching Classes PSS	3 2			
MONTH : FEBRAUARY									2019-20
15	2 ND WEEK	5	Mean value theorems		Teaching Classes PSS	3 2			
16	3 TH WEEK	6	Role's theorem , Lagrange's theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
17	4 TH WEEK	5	Cauchy 's Cauchy's mean value theorem ,	<i>Add-on-Programme Ended.</i>	Teaching Classes PSS	3 2			
18	5 TH WEEK	6	II MID EXAMS Riemann integral functions		Teaching Classes PSS	2 1			<i>FOSSWORKSHOP Conducted</i>
MONTH : MARCH									2019-20
19	1 ND WEEK	6	darboux theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
20	2 ND WEEK	5	necessary and sufficient condition for R - inerrability ,Properties of integrals function s		Teaching Classes PSS	3 2			
21	3 ND WEEK	6	Integral as the limit of a sum , mean value theorems		Teaching Classes PSS	3 3			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						MID II EXAMS CONDUCTED
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019						
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019						

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VSM COLLEGE (A):: RAMACHANDRAPURAM

TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: V

PAPER VI: LINEAER ALGEBRA

CLASS: III B.Sc (M.P.C &M.P.Cs)


NAME OF THE LECTURER: S.MANIKANTA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE									
2019-20									
1	3 RD WEEK	3	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 1			
2	4 TH WEEK	5	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : JULY									
2019-20									
4	1 ST WEEK	5	Basis of Vector space, Finite dimensional Vector spaces		Teaching Classes PSS	3 2			
5	2 ND WEEK	4	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2	Classroom seminar	1	
7	4 TH WEEK	5	I MID EXAMS Algebra of Linear Operators		Teaching Classes PSS	1 1			
8	5 TH WEEK	2	Range and null space of linear transformation		Teaching Classes PSS	1 1			
MONTH : AUGUST									
2019-20									
9	1 ST WEEK	2	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	1 1			

10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix.		Teaching Classes PSS	1 2	Classroom seminar	1	
11	3 RD WEEK	3	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes PSS	2 1			
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix..		TeachingClasses PSS	2 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	4	Inner product spaces		Teaching Classes PSS	2 1	Classroom seminar	1	
15	2 ND WEEK	4	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes PSS	2 2			
16	3 RD WEEK	4	MID II EXAMS Schwartz inequality, Triangle in Inequality, Parallelogram law.		Teaching Classes PSS	1			
17	4 TH WEEK	5	Orthogonality, Orthonormal set. complete orthonormal set,		Teaching Classes PSS	2 2	Classroom seminar	1	
18	5 TH WEEK	4	Gram – Schmidt orthogonalisation process		Teaching Classes PSS	2 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	3	Bessel's inequality and Parseval's Identity		Teaching Classes PSS	2 1			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	5	RIVISION		Teaching Classes PSS	3 2			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM - LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: II


PAPER II; SOLID GEOMETRY
 CLASS: I B.Sc. (M.P.C)


NAME OF THE LECTURER: S.MANIKANTA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 ND WEEK	3	Equation of a plane in terms of its intercept on the axis , Equation of the plane through the given points		Teaching Classes PSS	2 1			
2	4 RD WEEK	6	Length of the perpendicular from a given point to a given plane, Bisectors of angle between two planes		Teaching Classes PSS	3 3			
3	5 TH WEEK	6	Combined equation of two planes ,orthogonal projection on a plane		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : DECEMBER									2019-20
4	1 ST WEEK	6	Equation of a line, angle between a line and a plane		Teaching Classes PSS	3 3			
5	2 ND WEEK	5	The condition that a given line may lie in a given plane , The condition that two given lines are coplanar		Teaching Classes PSS	2 2	Class room seminar	1	
6	3 RD WEEK	6	Number of arbitrary constants in the equation of a straight line, Sets of conditions which determine a lines I MID examinations		Teaching Classes PSS	1 1	QUIZ	1	
7	4 TH WEEK	3	Christmas Holidays The length and equation of the line of shortest distance between two Straight lines		Teaching Classes PSS	2 1			
MONTH : JANUARY									2019-20
8	1 ST WEEK	4	Length of the perpendicular from a given point to a given line		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Definition and equation of the sphere , equation of the sphere through Four given points , plane sections of a sphere		Teaching Classes PSS	3 2			MID I EXAMS CONDUCTED
10	3 ND		PONGAL HOLIDAYS						

	WEEK								
11	4 ND WEEK	6	Intersection of two sphere ,equation of a circle, sphere through a givenCircle ,intersection of a sphere and lie , power of a point		Teaching Classes PSS	3 3			
12	5 RD WEEK	5	Tangent plane ,plane of contact , polar plane Pole of a plane , conjugate points, conjugate planes, Angle of intersections of two spheres		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : FEBRUARY									2019-20
13	2 TH WEEK	5	Conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres, simplified from of the equations of two spheres.		Teaching Classes PSS	3 2			
14	3 ND WEEK	6	Definitions of a cone ,vertex , guiding curve , generators, equation of the cone with a given vertex and guiding curve , enveloping cone of a sphere , Equations of cones with vertex at origin are homogenous.		Teaching Classes PSS	2 1			
15	4 RD WEEK	5	Condition that the general equation of the second degree should represent a cone ,		Teaching Classes PSS	4 2			
16	5 TH WEEK	6	II Mid exams condition that a cone may have three mutually perpendicular generators		Teaching Classes PSS	1 1	Class room seminar	1	FOSS workshop Conducted
MONTH : MARCH									2019-20
	1 ST WEEK	6	Intersections of a line and a quadric cone , tangent lines and tangent plane at a point		Teaching Classes PSS	3 3			
17	2 ND WEEK	5	Condition that a plane may touch a cone , reciprocal cones,		Teaching Classes PSS	3 1	Class room seminar	1	
18	3 RD WEEK	6	intersections of two cones with a common vertex RIVISION		Teaching Classes PSS	4 2			MID II EXAMS CONDUCTED
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END EXAMINATIONS-2019						
23	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: IV


PAPER VII : NUMERICAL ANALYSIS
 CLASS: III B.Sc. (M.P.C)


NAME OF THE LECTURER: S.MANIKANTA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 RD WEEK	2	Errors and their Accuracy, Mathematical preliminaries,		TeachingClasses PSS	1 1			
2	4 RD WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	2 2	Classroom seminar	1	
3	5 TH WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3. 2			
MONTH : DECEMBER									2019-20
4	1 ST WEEK	5	The bisection method ,Theiteration method The method of false position		Teaching Classes PSS	3 2			
5	2 ST WEEK	4	Newton Raphson method ,Generalized Newton Raphson method.		Teaching Classes PSS	2 1	Classroom seminar	1	
6	3 RD WEEK	5	I MID EXAMINATIONS Muller's method		Teaching Classes PSS	2 2	QUIZ	1	
7	4 RD WEEK	2	CHRISTMAS HOLIDAYS Central Differences		Teaching Classes PSS	1 1			
MONTH : JANUARY									2019-20
9	1 ST WEEK	3	Symbolic relations ,Detection of errors by use of differences Tables, Differences of a polynomial		Teaching Classes PSS	2 1			

10	2 ND WEEK	4	Newton's formulae for interpolation		Teaching Classes PSS	2 2			MID I EXAMS CONDUCTED
11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	5	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 2	Classroom seminar	1	
13	5 TH WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	2 2			
MONTH : FEBRUARY									2019-20
15	2 RD WEEK	4	Interpolation With unevenly spaced points, Lagrange's formula		Teaching Classes PSS	2 2			
16	3 TH WEEK	5	Error in Lagrange's formula Divided differences and their properties		Teaching Classes PSS	2 2	Classroom seminar	1	
17	4 TH WEEK	4	Relation between divided differences and forward differences,		Teaching Classes PSS	2 2			
18	5 TH WEEK	5	II MID EXAMS Relation between divided differences and backward differences		Teaching Classes PSS	1 1			FOSS WORK SHOP CONDUCTED
MONTH : MARCH									2019-20
19	1 ND WEEK	5	Relation between Divided differences and central differences		Teaching Classes PSS	2 2	Classroom seminar	1	
20	2 ND WEEK	4	Newton's general interpolation Formula		Teaching Classes PSS	2 2			
21	3 ND WEEK	5	Inverse interpolation REVISION		Teaching Classes PSS	3 2			MID II EXAMS CONDUCTED
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019						
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019						


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TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: I


PAPER I: Differential Equations
CLASS: I B.Sc., (M.P.C)

NAME OF THE LECTURER: G.T.SWARNA LATA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : JUNE									
1	4 TH WEEK	6	Orientation Class Differential equations Reducible to Linear Form		Teaching Classes PSS	1 3 2			
2	5 TH WEEK	6	Exact differential Equations, Integrating factors.		Teaching Classes PSS	3 2	Class room seminar	1	
2019-20									
MONTH : JULY									
3	1 ST WEEK	6	Integrating factors, Change of variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	5	Orthogonal Trajectories		Teaching Classes PSS	3 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	3 2	Class room seminar	1	
6	4 TH WEEK	6	Equations solvable for y I MID Examinations		Teaching Classes PSS	2 1			
7	5 TH WEEK	3	Equations that do not contain x (or y)		Teaching Classes PSS	2 1			
2019-20									
MONTH : AUGUST									
8	1 ST WEEK	3	Equations of first degree in x and y -Clairaut's Equations.		Teaching Classes PSS	2 1			
9	2 ND WEEK	5	Solution of homogeneous linear equations of order n with constant coefficient		Teaching Classes PSS	3 2			

9	3 RD WEEK	4	Solution of homogeneous linear differential with constant coefficients by means of polynomial operators. P.I of $f(D)y = Q$ where Q is an exponential function	Teaching Classes PSS	2 2			
10	4 TH WEEK	5	P.I of $f(D)y = Q$ where Q is $b \sin ax$ or $b \cos ax$. General solution of $f(D)y = Q$ where Q is a function of x	Teaching Classes PSS	2 3			
11	5 TH WEEK	6	P.I of $f(D)y = Q$ where $Q = bx^k$ P.I of $f(D)y = Q$ where $Q = e^{ax}V$	Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : SEPTEMBER								2019-20
12	1 ST WEEK	5	Problem solving session	Teaching Classes PSS	3 2			
13	2 ND WEEK	4	P.I of $f(D)y = Q$ where $Q = xV$	Teaching Classes PSS	2 2			
14	3 RD WEEK	6	P.I of $f(D)y = Q$ where $Q = xmV$ II-MID Examinations	Teaching Classes PSS	1 1	Class room seminar	1	
15	4 TH WEEK	6	Methods of variation of parameters	Teaching Classes PSS	4 2			
MONTH : OCTOBER								2019-20
16	1 ST WEEK	4	Linear differential equations with non-constant coefficient	Teaching Classes PSS	2 2			
17	2 ND WEEK		DASARA HOLIDAYS					
18	3 RD WEEK	5	The Cauchy-Euler equations	Teaching Classes PSS	2 2	Class room seminar	1	
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019					
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019					
MONTH : NOVEMBER								2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019					
22	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019					
23	3 RD WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019					


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TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: III

PAPER III: ABSTRACT ALGEBRA
CLASS: II B.Sc (M.P.C & M.P.Cs)

NAME OF THE LECTURER: G.T. SWARNALATA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2019-20				
1	3 RD WEEK	4	Binary operation – Algebraic structure – semi group – monoid -Group definition		Teaching Classes PSS	2 2			
2	4 TH WEEK	6	Problems solved on group definition		Teaching Classes PSS	4 2			
3	5 TH WEEK	6	Elementary properties finite and infinite groups – examples		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : JULY					2019-20				
4	1 ST WEEK	6	Order of a group. Composition tables with examples		Teaching Classes PSS	4 2			
5	2 ND WEEK	5	Union and intersection of subgroups .cosets definition properties of cosets		Teaching Classes PSS	3 2			
6	3 RD WEEK	6	Index of subgroups of a finite groups – Lagrange’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
7	4 TH WEEK	6	I MID EXAMS Definition of normal subgroup – proper and improper normal subgroup- Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	2 1			
8	5 TH WEEK	3	Intersection of two normal subgroup – sub group of index 2 is a normal sub group		Teaching Classes PSS	2 1			

MONTH : AUGUST										2019-20
9	1 ST WEEK	3	simple group- quotient group –criteria for the existence of a quotient group.		Teaching Classes PSS	2 1				
10	2 ND WEEK	5	Definition of homomorphism – image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	3 2	Classroom seminar	1		
11	3 RD WEEK	4	Isomorphism –automorphism definitions and elementary properties –kernel of a homomorphism		Teaching Classes PSS	3 1				
12	4 TH WEEK	5	Fundamental theorem on homomorphism and applications.		Teaching Classes PSS	3 2				
13	5 TH WEEK	6	Definition of permutation- permutation multiplication		TeachingClasses PSS	3 3				
MONTH : SEPTEMBER										2019-20
14	1 ST WEEK	5	Problems solving session		Teaching Classes PSS	2 2	Classroom seminar	1		
15	2 ND WEEK	4	Inverse of a permutation –cyclic permutations-		Teaching Classes PSS	2 2				
16	3 RD WEEK	5	II MID Exams Transpositions		Teaching Classes PSS	1 1				
17	4 TH WEEK	6	Even and odd permutations – Cayley’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1		
18	5 TH WEEK	5	Definition of cyclic group –elementary properties		Teaching Classes PSS	3 2				
MONTH : OCTOBER										2019-20
19	1 ST WEEK	4	Classification of cyclic groups		Teaching Classes PSS	2 2				
20	2 ND WEEK		DASARA HOLIDAYS							
21	3 RD WEEK	6	RIVISION		Teaching Classes PSS	3 2	Classroom seminar	1		
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019							
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019							
MONTH : NOVEMBER										2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019							
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019							
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019							


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: II


PAPER II; SOLID GEOMETRY
CLASS: I B.Sc. (M.P.Cs)


NAME OF THE LECTURER: G.T.SWARNA LATA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									2019-20
1	3 RD WEEK	3	Equation of a plane in terms of its intercept on the axis , Equation of the plane through the given points		Teaching Classes PSS	2 1			
2	4 RD WEEK	6	Length of the perpendicular from a given point to a given plane, Bisectors of angle between two planes		Teaching Classes PSS	3 3			
3	5 TH WEEK	6	Combined equation of two planes ,orthogonal projection on a plane		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : DECEMBER									2019-20
4	1 ST WEEK	6	Equation of a line, angle between a line and a plane		Teaching Classes PSS	3 3			
5	2 ND WEEK	5	The condition that a given line may lie in a given plane , The condition that two given lines are coplanar		Teaching Classes PSS	2 2	Class room seminar	1	
6	3 RD WEEK	6	Number of arbitrary constants in the equation of a straight line, Sets of conditions which determine a line I MID examinations		Teaching Classes PSS	1 1	QUIZ	1	
7	4 TH WEEK	3	Christmas Holidays The length and equation of the line of shortest distance between two Straight lines		Teaching Classes PSS	2 1			
MONTH : JANUARY									2019-20
8	1 ST WEEK	4	Length of the perpendicular from a given point to a given line		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Definition and equation of the sphere, equation of the sphere through Four given points, plane sections of a sphere		Teaching Classes PSS	3 2			MID I EXAMS CONDUCTED
10	3 RD WEEK		PONGAL HOLIDAYS						

11	4 ND WEEK	6	Intersection of two sphere ,equation of a circle, sphere through a given Circle ,intersection of a sphere and lie , power of a point		Teaching Classes PSS	3 3			
12	5 RD WEEK	5	Tangent plane ,plane of contact , polar plane Pole of a plane , conjugate points, conjugate planes, Angle of intersections of two spheres		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : FEBRUARY									2019-20
13	2 TH WEEK	5	Conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres, simplified from of the equations of two spheres.		Teaching Classes PSS	3 2			
14	3 ND WEEK	6	Definitions of a cone ,vertex , guiding curve , generators, equation of the cone with a given vertex and guiding curve , enveloping cone of a sphere , Equations of cones with vertex at origin are homogenous.		Teaching Classes PSS	2 1			
15	4 RD WEEK	5	Condition that the general equation of the second degree should represent a cone ,		Teaching Classes PSS	4 2			
16	5 TH WEEK	6	II Mid exams condition that a cone may have three mutually perpendicular generators		Teaching Classes PSS	1 1	Class room seminar	1	
MONTH : MARCH									2019-20
	1 ST WEEK	6	Intersections of a line and a quadric cone , tangent lines and tangent plane at a point		Teaching Classes PSS	1 1			
17	2 ND WEEK	5	Condition that a plane may touch a cone , reciprocal cones,		Teaching Classes PSS	3 1	Class room seminar	1	
18	3 RD WEEK	6	intersections of two cones with a common vertex RIVISION		Teaching Classes PSS	4 2			MID II EXAMS CONDUCTED
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END EXAMINATIONS-2019						
23	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM

TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: IV

PAPER IV: REAL ANALYSIS


CLASS: II B.Sc. (M.P.Cs)

NAME OF THE LECTURER: G.T.SWARNA LATA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS										
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED											
MONTH : NOVEMBER										2019-20									
1	3 RD WEEK	3	The algebraic and order properties of R, absolute value and real line , completeness property of R ,Applications of supreme property ; intervals . No Question is to be set from this portion		TeachingClassesPSS	2 1													
2	4 RD WEEK	6	Sequence and their limits , range and boundedness of sequences,Limit of a sequence . the Cauchy’s criterion , properly divergent sequences		Teaching ClassesPSS	3 2	Classroom seminar	1											
3	5 TH WEEK	6	Monotone sequence , necessary and sufficient condition for convergence of monotone sequence , limit point f sequence ,subsequences and the Bolzano- weierstrass theorem –Cauchy sequences – cauchy’s general principle of convergence theorem.		Teaching ClassesPSS	4. 2													
MONTH : DECEMBER										2019-20									
4	1 ST WEEK	6	Introduction to series , convergence of series . Cauchy’s general principle of convergence of series tests for convergence of series , series of non-negative terms .		Teaching Classes PSS	3 3													
5	2 ST WEEK	5	1P-test 2.cauchy’s root test or root test .3. D’ Alembert’s test or ratio test .		Teaching Classes PSS	3 2	Classroom seminar	1											
6	3 RD WEEK	6	I MID EXAMINATIONS 4. Alternating series.		Teaching Classes PSS	2 1	QUIZ												
7	4 RD WEEK	3	Leibnitz test. Absolute convergence and conditional convergence CHRISTMAS HOLIDAYS		Teaching Classes PSS	2 1													
8	5 TH WEEK	2	Llimit concept Real valued functions. Roundedness of a function		Teaching Classes PSS	1 1													
MONTH : JANUARY										2019-20									
9	1 ST	4	Limits of functions		Teaching Classes	2													

	WEEK		Limits of functions. Some extensions of the limit concept		PSS	2			
10	2 ND WEEK	5	Infinite limit at infinity. No. question is to be set from this portion continuous functions:		Teaching Classes PSS	3 2			MID I EXAMS CONDUCTED
11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	6	Continuous functions on intervals Uniform continuity		Teaching Classes PSS	3 2	Classroom seminar	1	
13	5 TH WEEK	5	The derivability of a function , on an interval at a point ,derivability and continuity of function , graphical meaning of the derivative		Teaching Classes PSS	3 2			
MONTH : FEBRAUARY									2019-20
15	2 RD WEEK	5	Mean value theorems		Teaching Classes PSS	3 2			
16	3 TH WEEK	6	Role's theorem , Lagrange's theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
17	4 TH WEEK	5	Cauchy 's Cauchy's mean value theorem ..		Teaching Classes PSS	3 2			
18	5 TH WEEK	6	II MID EXAMS Riemann integral functions		Teaching Classes PSS	2 1			
MONTH : MARCH									2019-20
19	1 ND WEEK	6	darboux theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
20	2 ND WEEK	5	necessary and sufficient condition for R -inerrability ,Properties of integrals function s		Teaching Classes PSS	3 2			
21	3 ND WEEK	6	Integral as the limit of a sum , mean value theorems		Teaching Classes PSS	3 3			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						MID II EXAMS CONDUCTED
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019						
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM

TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: III

PAPER III: ABSTRACT ALGEBRA

CLASS: II B.Sc (M.P.C & M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS										
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED											
MONTH : JUNE										2019-20									
1	3 RD WEEK	4	Binary operation – Algebraic structure – semi group – monoid - Group definition		Teaching Classes PSS	2 2													
2	4 TH WEEK	6	Problems solved on group definition		Teaching Classes PSS	4 2													
3	5 TH WEEK	6	Elementary properties finite and infinite groups – examples		Teaching Classes PSS	3 2	Class room seminar	1											
MONTH : JULY										2019-20									
4	1 ST WEEK	6	Order of a group. Composition tables with examples		Teaching Classes PSS	4 2													
5	2 ND WEEK	5	Union and intersection of subgroups .cosets definition properties of cosets		Teaching Classes PSS	3 2													
6	3 RD WEEK	6	Index of subgroups of a finite groups – Lagrange’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1											
7	4 TH WEEK	6	I MID EXAMS Definition of normal subgroup – proper and improper normal subgroup- Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	2 1													
8	5 TH WEEK	3	Intersection of two normal subgroup – sub group of index 2 is a normal sub group		Teaching Classes PSS	2 1													
MONTH : AUGUST										2019-20									
9	1 ST	3	simple group- quotient group –criteria for the existence of a		Teaching Classes	2													

	WEEK		quotient group.		PSS	1			
10	2 ND WEEK	5	Definition of homomorphism – image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	3 2	Classroom seminar	1	
11	3 RD WEEK	4	Isomorphism –automorphism definitions and elementary properties –kernel of a homomorphism		Teaching Classes PSS	3 1			
12	4 TH WEEK	5	Fundamental theorem on homomorphism and applications.		Teaching Classes PSS	3 2			
13	5 TH WEEK	6	Definition of permutation- permutation multiplication		TeachingClasses PSS	3 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	5	Problems solving session		Teaching Classes PSS	2 2	Classroom seminar	1	
15	2 ND WEEK	4	Inverse of a permutation –cyclic permutations-		Teaching Classes PSS	2 2			
16	3 RD WEEK	5	II MID Exams Transpositions		Teaching Classes PSS	1 1			
17	4 TH WEEK	6	Even and odd permutations – Cayley’s theorem		Teaching Classes PSS	3 2	Classroom seminar	1	
18	5 TH WEEK	5	Definition of cyclic group –elementary properties		Teaching Classes PSS	3 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	4	Classification of cyclic groups		Teaching Classes PSS	2 2			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	6	RIVISION		Teaching Classes PSS	3 2	Classroom seminar	1	
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: V

PAPER VI: LINEAR ALGEBRA

CLASS: III B.Sc (M.P.C &M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : JUNE									
1	3 RD WEEK	3	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 1			
2	4 TH WEEK	5	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	2 2	Class room seminar	1	
2019-20									
MONTH : JULY									
4	1 ST WEEK	5	Basis of Vector space, Finite dimensional Vector spaces		Teaching Classes PSS	3 2			
5	2 ND WEEK	4	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2	Classroom seminar	1	
7	4 TH WEEK	5	I MID EXAMS Algebra of Linear Operators		Teaching Classes PSS	1 1			
8	5 TH WEEK	2	Range and null space of linear transformation		Teaching Classes PSS	1 1			
2019-20									
MONTH : AUGUST									
9	1 ST WEEK	2	Rank and Nullity of linear transformations – Rank Nullity Theorem.		Teaching Classes PSS	1 1			

10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix.		Teaching Classes PSS	1 2	Classroom seminar	1	
11	3 RD WEEK	3	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes PSS	2 1			
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix..		TeachingClasses PSS	2 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	4	Inner product spaces		Teaching Classes PSS	2 1	Classroom seminar	1	
15	2 ND WEEK	4	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes PSS	2 2			
16	3 RD WEEK	4	MID II EXAMS Schwartz inequality, Triangle in Inequality, Parallelogram law.		Teaching Classes PSS	1			
17	4 TH WEEK	5	Orthogonality, Orthonormal set. complete orthonormal set,		Teaching Classes PSS	2 2	Classroom seminar	1	
18	5 TH WEEK	4	Gram – Schmidt orthogonalisation process		Teaching Classes PSS	2 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	3	Bessel's inequality and Parseval's Identity		Teaching Classes PSS	2 1			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	5	RIVISION		Teaching Classes PSS	3 2			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						

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TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: II

PAPER II; SOLID GEOMETRY
CLASS: I B.Sc., (M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									
2019-20									
1	3 ND WEEK	3	Equation of a plane in terms of its intercept on the axis , Equation of the plane through the given points		Teaching Classes PSS	2 1			
2	4 RD WEEK	6	Length of the perpendicular from a given point to a given plane, Bisectors of angle between two planes		Teaching Classes PSS	3 3			
3	5 TH WEEK	6	Combined equation of two planes ,orthogonal projection on a plane		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : DECEMBER									
2019-20									
4	1 ST WEEK	6	Equation of a line, angle between a line and a plane		Teaching Classes PSS	3 3			
5	2 ND WEEK	5	The condition that a given line may lie in a given plane , The condition that two given lines are coplanar		Teaching Classes PSS	2 2	Class room seminar	1	
6	3 RD WEEK	6	Number of arbitrary constants in the equation of a straight line, Sets of conditions which determine a lines I MID examinations		Teaching Classes PSS	1 1	QUIZ	1	
7	4 TH WEEK	3	Christmas Holidays The length and equation of the line of shortest distance between two Straight lines		Teaching Classes PSS	2 1			
MONTH : JANUARY									
2019-20									
8	1 ST WEEK	4	Length of the perpendicular from a given point to a given line		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Definition and equation of the sphere , equation of the sphere through Four given points , plane sections of a sphere		TeachingClassesPSS	3 2			MID I EXAMS CONDUCTED

10	3 RD WEEK		PONGAL HOLIDAYS						
11	4 ND WEEK	6	Intersection of two sphere ,equation of a circle, sphere through a given Circle ,intersection of a sphere and lie , power of a point		Teaching Classes PSS	3 3			
12	5 RD WEEK	5	Tangent plane ,plane of contact , polar plane Pole of a plane , conjugate points, conjugate planes, Angle of intersections of two spheres		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : FEBRUARY									2019-20
13	2 TH WEEK	5	Conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres, simplified from of the equations of two spheres.		Teaching Classes PSS	3 2			
14	3 ND WEEK	6	Definitions of a cone ,vertex , guiding curve , generators, equation of the cone with a given vertex and guiding curve , enveloping cone of a sphere , Equations of cones with vertex at origin are homogenous.		Teaching Classes PSS	3 3			
15	4 RD WEEK	5	Condition that the general equation of the second degree should represent a cone ,		Teaching Classes PSS	3 2			
16	5 TH WEEK	6	II Mid exams condition that a cone may have three mutually perpendicular generators		Teaching Classes PSS	1 1	Class room seminar	1	
MONTH : MARCH									2019-20
	1 ST WEEK	6	Intersections of a line and a quadric cone , tangent lines and tangent plane at a point		Teaching Classes PSS	1 1			
17	2 ND WEEK	5	Condition that a plane may touch a cone , reciprocal cones,		Teaching Classes PSS	3 1	Class room seminar	1	
18	3 RD WEEK	6	intersections of two cones with a common vertex RIVISION		Teaching Classes PSS	4 2			MID II EXAMS CONDUCTED
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
22	2 ND WEEK		SEMESTER END EXAMINATIONS-2019						
23	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						

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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: IV

PAPER VII : NUMERICAL ANALYSIS
 CLASS: III B.Sc. (M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									
2019-20									
1	3 ND WEEK	2	Errors and their Accuracy, Mathematical preliminaries,		Teaching Classes PSS	1 1			
2	4 ND WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	2 2	Classroom seminar	1	
3	5 TH WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3. 2			
MONTH : DECEMBER									
2019-20									
4	1 ST WEEK	5	The bisection method ,Theiteration method The method of false position		Teaching Classes PSS	3 2			
5	2 ST WEEK	4	Newton Raphson method ,Generalized Newton Raphson method.		Teaching Classes PSS	2 1	Classroom seminar	1	
6	3 ND WEEK	5	I MID EXAMINATIONS Muller's method		Teaching Classes PSS	2 2	QUIZ	1	
7	4 RD WEEK	2	CHRISTMAS HOLIDAYS Central Differences		Teaching Classes PSS	1 1			
MONTH : JANUARY									
2019-20									
9	1 ST WEEK	3	Symbolic relations ,Detection of errors by use of differences Tables, Differences of a polynomial		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Newton's formulae for interpolation		Teaching Classes PSS	2 2			MID 1 EXAMS CONDUCTED

11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	5	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 2	Classroom seminar	1	
13	5 TH WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	2 2			
MONTH : FEBRUARY									2019-20
15	2 ND WEEK	4	Interpolation With unevenly spaced points, Lagrange's formula		Teaching Classes PSS	2 2			
16	3 TH WEEK	5	Error in Lagrange's formula Divided differences and their properties		Teaching Classes PSS	2 2	Classroom seminar	1	
17	4 TH WEEK	4	Relation between divided differences and forward differences,		Teaching Classes PSS	2 2			
18	5 TH WEEK	5	II MID EXAMS Relation between divided differences and backward differences		Teaching Classes PSS	1 1			
MONTH : MARCH									2019-20
19	1 ND WEEK	5	Relation between Divided differences and central differences		Teaching Classes PSS	2 2	Classroom seminar	1	
20	2 ND WEEK	4	Newton's general interpolation Formula		Teaching Classes PSS	2 2			
21	3 ND WEEK	5	Inverse interpolation REVISION		Teaching Classes PSS	3 2			MID II EXAMS CONDUCTED
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : APRIL									2019-20
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019						
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019						
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019						

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TABLE -A-CURCULUM - LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: V

PAPER V: RING THEORY AND VECTOR CALCULUS
 CLASS: III B.Sc (M.P.Cs)

NAME OF THE LECTURER: K.V.D.S.PRASANNA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : JUNE									
1	3 RD WEEK	3	Definition of Ring and basic properties, Boolean Rings,		Teaching Classes PSS	2 1			
2	4 TH WEEK	5	divisors of zero and cancellation laws, Rings Integral Domains,		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Division Ring and Fields, The characteristic of a ring. The characteristic of an Integral Domain.		Teaching Classes PSS	2 2	Class room seminar	1	
2019-20									
MONTH : JULY									
4	1 ST WEEK	5	The characteristic of a Field, Sub Rings, Ideals		Teaching Classes PSS	3 2			
5	2 ND WEEK	4	Definition of Homomorphism – Homomorphic Image – Elementary Properties of Homomorphism –		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Kernel of a Homomorphism – Fundamental theorem of Homomorphism		Teaching Classes PSS	2 2	Classroom seminar	1	
7	4 TH WEEK	5	I MID EXAMS Maximal Ideals		Teaching Classes PSS	1 1			
8	5 TH WEEK	2	Prime ideals		Teaching Classes PSS	1 1			
2019-20									
MONTH : AUGUST									
9	1 ST WEEK	2	Vector Differentiation, Ordinary derivatives of vectors,	<i>Add-on program created 30-Days.</i>	Teaching Classes PSS	1 1			

10	2 ND WEEK	4	Differentiability		Teaching Classes PSS	1 2	Classroom seminar	1	
11	3 RD WEEK	3	Gradient, Divergence		Teaching Classes PSS	2 1			
12	4 TH WEEK	4	Curl operators		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Formulae Involving these operators Line Integral		Teaching Classes PSS	2 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	4	Surface Integral		Teaching Classes PSS	2 1	Classroom seminar	1	
15	2 ND WEEK	4	Volume integral with examples		Teaching Classes PSS	2 2			
16	3 RD WEEK	4	MID II EXAMS Gauss theorem		Teaching Classes PSS	1			
17	4 TH WEEK	5	Gauss theorem in plane and applications of these theorems	Add-on program End of	Teaching Classes PSS	2 2	Classroom seminar	1	
18	5 TH WEEK	4	Stokes theorem in plane and applications of these theorems		Teaching Classes PSS	2 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	3	Green's theorem in plane and applications of these theorems		Teaching Classes PSS	2 1			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	5	RIVISION		Teaching Classes PSS	3 2			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						

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TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS

Semester: V

PAPER VI: LINEAER ALGEBRA


CLASS: III B.Sc (M.P.C &M.P.Cs)

NAME OF THE LECTURER: K.V.D.S.PRASANNA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : JUNE									
1	3 RD WEEK	3	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 1			
2	4 TH WEEK	5	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	2 2	Class room seminar	1	
2019-20									
MONTH : JULY									
4	1 ST WEEK	5	Basis of Vector space, Finite dimensional Vector spaces		Teaching Classes PSS	3 2			
5	2 ND WEEK	4	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2	Classroom seminar	1	
7	4 TH WEEK	5	I MID EXAMS Algebra of Linear Operators		Teaching Classes PSS	1 1			
8	5 TH WEEK	2	Range and null space of linear transformation		Teaching Classes PSS	1 1			
2019-20									
MONTH : AUGUST									
9	1 ST WEEK	2	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	1 1			

10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix.		Teaching Classes PSS	1 2	Classroom seminar	1	
11	3 RD WEEK	3	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes PSS	2 1			
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix..		TeachingClasses PSS	2 3			
MONTH : SEPTEMBER									2019-20
14	1 ST WEEK	4	Inner product spaces		Teaching Classes PSS	2 1	Classroom seminar	1	
15	2 ND WEEK	4	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes PSS	2 2			
16	3 RD WEEK	4	MID II EXAMS Schwartz inequality, Triangle in Inequality, Parallelogram law.		Teaching Classes PSS	1			
17	4 TH WEEK	5	Orthogonality, Orthonormal set. complete orthonormal set,		Teaching Classes PSS	2 2	Classroom seminar	1	
18	5 TH WEEK	4	Gram – Schmidt orthogonalisation process		Teaching Classes PSS	2 2			
MONTH : OCTOBER									2019-20
19	1 ST WEEK	3	Bessel's inequality and Parseval's Identity		Teaching Classes PSS	2 1			
20	2 ND WEEK		DASARA HOLIDAYS						
21	3 RD WEEK	5	RIVISION		Teaching Classes PSS	3 2			
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019						
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019						
MONTH : NOVEMBER									2019-20
24	1 ST WEEK		SEMESTER END EXAMINATIONS-2019						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2019 PRATCICAL EXAMINATIONS-2019						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2019						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: IV

PAPER VII : NUMERICAL ANALYSIS
CLASS: III B.S., (M.P.Cs&M.P.C)

NAME OF THE LECTURER: K.V.D.S.PRASANNA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
2019-20									
MONTH : NOVEMBER									
1	3 RD WEEK	2	Errors and their Accuracy, Mathematical preliminaries,		Teaching Classes PSS	1 1			
2	4 RD WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	2 2	Classroom seminar	1	
3	5 TH WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3. 2			
2019-20									
MONTH : DECEMBER									
4	1 ST WEEK	5	The bisection method ,Theiteration method The method of false position		Teaching Classes PSS	3 2			
5	2 ST WEEK	4	Newton Raphson method ,Generalized Newton Raphson method.		Teaching Classes PSS	2 1	Classroom seminar	1	
6	3 RD WEEK	5	I MID EXAMINATIONS Muller's method		Teaching Classes PSS	2 2	QUIZ	1	
7	4 RD WEEK	2	CHRISTMAS HOLIDAYS Central Differences		Teaching Classes PSS	1 1			
2019-20									
MONTH : JANUARY 3									
9	1 ST WEEK	3	Symbolic relations ,Detection of errors by use of differences Tables, Differences of a polynomial		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Newton's formulae for interpolation		Teaching Classes PSS	2 2			MID 1 EXAMS

										CONDUCTED
11	3 RD WEEK		PONGAL HOLIDAYS							
12	4 TH WEEK	5	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 2	Classroom seminar	1		
13	5 TH WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	2 2				
MONTH : FEBRUARY										2019-20
15	2 RD WEEK	4	Interpolation With unevenly spaced points, Lagrange's formula		Teaching Classes PSS	2 2				
16	3 TH WEEK	5	Error in Lagrange's formula Divided differences and their properties		Teaching Classes PSS	2 2	Classroom seminar	1		
17	4 TH WEEK	4	Relation between divided differences and forward differences,		Teaching Classes PSS	2 2				
18	5 TH WEEK	5	II MID EXAMS Relation between divided differences and backward differences		Teaching Classes PSS	1 1				
MONTH : MARCH										2019-20
19	1 ND WEEK	5	Relation between Divided differences and central differences		Teaching Classes PSS	2 2	Classroom seminar	1		
20	2 ND WEEK	4	Newton's general interpolation Formula		Teaching Classes PSS	2 2				
21	3 ND WEEK	5	Inverse interpolation REVISION		Teaching Classes PSS	3 2				MID II EXAMS CONDUCTED
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2019							
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2019							
MONTH : APRIL										2019-20
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2019							
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2019							
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2019							
26	4 TH WEEK		PRATCICAL EXAMINATIONS-2019							

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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: V

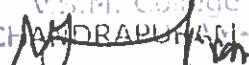
PAPER VI: LINEAER ALGEBRA
 CLASS: III B.Sc., (M.P.Cs)

NAME OF THE LECTURER: N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2018-19				
1	2 ND WEEK	4	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 2			
2	3 RD WEEK	4	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 1			
3	4 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	3 2			
4	5 TH WEEK	5	Basis of Vector space, Finite dimensional Vector spaces.		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : JULY					2018-19				
5	1 ST WEEK	5	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	3 2			
6	2 ND WEEK	4	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2			
7	3 RD WEEK	5	Linear transformations, linear operators, Properties of L.T, sum and product of LTs.		Teaching Classes PSS	3 2			
8	4 TH WEEK	2	Algebra of Linear Operators, Range and null space of linear transformation. I MID Exam		Teaching Classes	1	Class room seminar	1	
MONTH : AUGUST					2018-19				
9	1 ST WEEK	3	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices,		Teaching Classes	2			

	WEEK		Rank of Matrix.		PSS	2			
11	3 RD WEEK	4	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes	3			
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		PSS	1			
13	5 TH WEEK	4	Inner product spaces.		Teaching Classes	2			
					PSS	1	Class room seminar	1	
MONTH : SEPTEMBER									
14	2 ND WEEK	3	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes	2			
15	3 RD WEEK	1	Schwartz inequality, Triangle in Inequality, Parallelogram law. II-MID		PSS	1			
16	4 TH WEEK	4	Orthogonality, Orthonormal set.		Teaching Classes	2			
17	5 TH WEEK	5	complete orthonormal set, Gram – Schmidt orthogonalisation process. Bessel's inequality and Parseval's Identity.		PSS	2			
					Teaching Classes	3	Class room seminar	1	
					PSS	1			
MONTH : OCTOBER									
18	1 ST WEEK	4	Bessel's inequality and Parseval's Identity		Teaching Classes	3			
19	2 ND WEEK	4	REVISION		PSS	1			
20	3 RD WEEK		DASARA HOLIDAYS		Teaching Classes	1	Class room seminar	1	
21	4 TH WEEK		SEMESTER END EXAMINATIONS-2018		PSS	2			
22	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : NOVEMBER									
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2018						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: VI

PAPER VII: Numerical Analysis
CLASS: III B.Sc., (M.P.Cs)

NAME OF THE LECTURER: N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER									
2018-19									
1	3 RD WEEK	5	Errors and their Accuracy, Mathematical preliminaries,		Teaching Classes PSS	3 2			
2	4 RD WEEK	4	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	3 1			
3	5 TH WEEK	4	A general error formula , Error in a series approximation.		Teaching Classes PSS	2 1	Class room seminar	1	
MONTH :DECEMBER									
2018-19									
5	2 ND WEEK	4	The bisection method ,The iteration method The method of false position , Newton Raphson method		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Generalized Newton Raphson method. Muller's method		Teaching Classes PSS	3 2			
7	4 TH WEEK	5	Your own styles, properties and values in styles, style sheet		Teaching Classes PSS	3 1	Class room seminar	1	
8	5 TH WEEK	5	CHRISTMAS HOLIDAYS and I mid exams		Teaching Classes PSS	3 2			
MONTH:JANUARY									
2018-19									
9	1 ST WEEK	3	Introduction to java script: what is DHTMLN , Java script, basics,		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Central Differences, Symbolic relations		Teaching Classes PSS	2 2			
11	3 RD WEEK	5	PONGAL HOLIDAYS		Teaching Classes PSS	3 2			
12	4 TH WEEK	4	Detection of errors by use of differences Tables, Differences of a polynomial.		Teaching Classes PSS	2 2			

13	5 TH WEEK	3	Newton's formulae for interpolation		Teaching Classes PSS	1 1	Class room seminar	1	
MONTH : FEBRAURY									
14	1 ST WEEK	2	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2			
15	2 ND WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	3 1			
16	3 RD WEEK	3	II Mid exams		Teaching Classes PSS	2 1			
17	4 TH WEEK	5	Interpolation With unevenly spaced points, Lagrange's formula, Error in Lagrange's formula		Teaching Classes PSS	3 1	Class room seminar	1	
18	5 TH WEEK	3	Divided differences and their properties, Relation between divided differences and forward differences,		Teaching Classes PSS	2 1			
MONTH : MARCH									
19	1 ST WEEK	2	Relation between divided differences and backward differences		Teaching Classes PSS	2			
20	2 ND WEEK	4	Relation between Divided differences and central differences		Teaching Classes PSS	2 2			
21	3 RD WEEK	5	Newton's general interpolation Formula, inverse interpolation		Teaching Classes PSS	3 2			
22	4 TH WEEK	4	REVISION		Teaching Classes PSS	1 2	Class room seminar	1	
23	5 TH WEEK		SEMESTER END EXAMINATIONS - 2018						
MONTH : APRIL									
24	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018						
25	2 ND WEEK		SEMESTER END EXAMINATIONS - 2018						
26	3 RD WEEK		PRATCICAL EXAMINATIONS - 2018						


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TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: I


PAPER I: differential equations
CLASS: I B.Sc., (M.P.Cs & M.P.C)

NAME OF THE LECTURER: N.L.N.MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2018-19				
1	4 TH WEEK	6	Orientation Class, Differential equations Reducible to Linear Form		Orientation Class Teaching Classes PSS	1 3 2			
2	5 TH WEEK	6	Exact differential Equations, Integrating factors.		Teaching Classes PSS	3 2	Class room seminar	1	
MONTH : JULY					2017-18				
3	1 ST WEEK	6	Integrating factors, Change of variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	5	Orthogonal Trajectories		Teaching Classes PSS	3 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	3 2	Class room seminar	1	
6	4 TH WEEK	3	Equations solvable for y I MID Examinations		Teaching Classes PSS	2 1			
7	5 TH WEEK	2	Equations that do not contain x (or y)		Teaching Classes PSS	1 1			
MONTH : AUGUST					2018-19				
8	1 ST WEEK	4	Equations of first degree in x and y - Clairaut's Equations.		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Solution of homogeneous linear equations of order n with constant coefficient		Teaching Classes PSS	3 2			
9	3 RD WEEK	5	Solution of homogeneous linear differential with constant coefficients by means of polynomial operators. P.I of $f(D)y = Q$ where Q is an exponential function		Teaching Classes PSS	3 2			
10	4 TH WEEK	5	P.I of $f(D)y = Q$ where Q is $b \sin ax$ or $b \cos ax$. General		Teaching Classes	2			

	WEEK		solution of $f(D)y = Q$ where Q is a function of x		PSS	3			
11	5 TH WEEK	5	P.I of $f(D)y = Q$ where $Q = bx^k$ P.I of $f(D)y = Q$ where $Q = e^{ax}V$		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : SEPTEMBER					2018-19				
12	2 ND WEEK	4	Problem solving session		Teaching Classes PSS	2 2			
13	3 RD WEEK	2	P.I of $f(D)y = Q$ where $Q = x^k$ II-MID Examinations		Teaching Classes PSS	1 1			
14	4 TH WEEK	5	P.I of $f(D)y = Q$ where $Q = xm^k$		Teaching Classes PSS	2 2	Class room seminar	1	
15	5 TH WEEK	6	Methods of variation of parameters		Teaching Classes PSS	4 2			
MONTH : OCTOBER					2018-19				
16	1 ST WEEK	5	Linear differential equations with non-constant coefficient		Teaching Classes PSS	3 2			
17	2 ND WEEK	5	The Cauchy-Euler equations		Teaching Classes PSS	2 2	Class room seminar	1	
18	3 RD WEEK	1	DASARA HOLIDAYS						
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2018						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : NOVEMBER					2018-19				
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						
22	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2018						


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TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: II



PAPER II; SOLID GEOMETRY
CLASS: I B.Sc., (M.P.Cs &M.P.C)

NAME OF THE LECTURER: N.L.N. MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER					2018-19				
1	3 ND WEEK	6	Equation of a plane in terms of its intercept on the axis , Equation of the plane through the given points		Teaching Classes PSS	4 2			
2	4 RD WEEK	5	Length of the perpendicular from a given point to a given plane, Bisectors of angle between two planes		Teaching Classes PSS	3 2			
3	5 TH WEEK	5	Combined equation of two planes ,orthogonal projection on a plane		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : DECEMBER					2018-19				
4	2 TH WEEK	5	Equation of a line, angle between a line and a plane		Teaching Classes PSS	3 2			
5	3 ST WEEK	6	The condition that a given line may lie in a given plane , The condition that two given lines are coplanar		Teaching Classes PSS	4 2			
6	4 ND WEEK	6	Number of arbitrary constants in the equation of a straight line, Sets of conditions which determine a lines		Teaching Classes PSS	3 2	Class room seminar	1	
7	5 RD WEEK	1	Christmas Holidays I MID examinations.		Teaching Classes	1			
MONTH : JANUARY					2018-19				
8	1 ST WEEK	4	The length and equation of the line of shortest distance between two Straight lines		Teaching Classes PSS	2 2			
9	2 ND WEEK	5	Length of the perpendicular from a given point to a given line		Teaching Classes PSS	3 2			
10	3 ND WEEK		PONGAL HOLIDAYS						

11	4 ND WEEK	5	Definition and equation of the sphere , equation of the sphere through Four given points , plane sections of a sphere,		Teaching Classes PSS	3 2			
12	5 RD WEEK	4	Intersection of two sphere ,equation of a circle, sphere through a given Circle ,intersection of a sphere and lie , power of a point		Teaching Classes PSS	2 1	Class room seminar	1	
MONTH : FEBRUARY									
2018-19									
	1 ST WEEK	2	Tangent plane ,plane of contact , polar plane		Teaching Classes PSS	1 1			
13	2 TH WEEK	5	Pole of a plane , conjugate points, conjugate planes, Angle of intersections of two spheres,		Teaching Classes PSS	3 2			
14	3 ND WEEK	3	II Mid exams Conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres, simplified from of the equations of two spheres.		Teaching Classes PSS	2 1			
15	4 RD WEEK	6	Definitions of a cone ,vertex , guiding curve , generators, equation of the cone with a given vertex and guiding curve , enveloping cone of a sphere , Equations of cones with vertex at origin are homogenous.		Teaching Classes PSS	4 2			
16	5 TH WEEK	4	Condition that the general equation of the second degree should represent a cone ,		Teaching Classes PSS	2 1	Class room seminar	1	
MONTH : MARCH									
2018-19									
	1 ST WEEK	2	condition that a cone may have three mutually perpendicular generators		Teaching Classes PSS	1 1			
17	2 ND WEEK	4	Intersections of a line and a quadric cone , tangent lines and tangent plane at a point		Teaching Classes PSS	3 1			
18	3 RD WEEK	6	. Condition that a plane may touch a cone , reciprocal cones, intersections of two cones with a common vertex		Teaching Classes PSS	4 2			
19	4 TH WEEK	5	RIVISION		Teaching Classes PSS	2 2	Class room seminar	1	
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : APRIL									
2018-19									
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						
22	2 ND WEEK		SEMESTER END EXAMINATIONS-2018						
23	3 RD WEEK		PRATCICAL EXAMINATIONS-2018						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM - LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: V


PAPER VI: LINEAER ALGEBRA
 CLASS: III B.Sc., (M.P.Cs)

NAME OF THE LECTURER: S.MANIKANTA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2018-19				
1	2 ND WEEK	4	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 2			
2	3 RD WEEK	4	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 1			
3	4 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	3 2			
4	5 TH WEEK	5	Basis of Vector space, Finite dimensional Vector spaces.		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : JULY					2018-19				
5	1 ST WEEK	5	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	3 2			
6	2 ND WEEK	4	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2			
7	3 RD WEEK	5	Linear transformations, linear operators, Properties of L.T, sum and product of LTs.		Teaching Classes PSS	3 2			
8	4 TH WEEK	2	Algebra of Linear Operators, Range and null space of linear transformation. I MID Examinations		Teaching Classes	1	Class room seminar	1	
MONTH : AUGUST					2018-19				
9	1 ST WEEK	3	Rank and Nullity of linear transformations – Rank – Nullity Theorem.	<i>Add-on program started</i>	Teaching Classes PSS	2 1			

10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix.		Teaching Classes PSS	2 2			
11	3 RD WEEK	4	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes PSS	3 1			
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		Teaching Classes PSS	2 2			
13	5 TH WEEK	4	Inner product spaces.		Teaching Classes PSS	2 1	Class room seminar	1	
MONTH : SEPTEMBER									
14	2 ND WEEK	3	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes PSS	2 1			2018-19
15	3 RD WEEK	1	Schwartz inequality, Triangle in Inequality, Parallelogram law. II-MID Examiations	Add-on Solved	Teaching Classes PSS	1			
16	4 TH WEEK	4	Orthogonality, Orthonormal set.		Teaching Classes PSS	2 2			
17	5 TH WEEK	5	complete orthonormal set, Gram – Schmidt orthogonalisation process. Bessel's inequality and Parseval's Identity.		Teaching Classes PSS	3 1	Class room seminar	1	
MONTH : OCTOBER									
18	1 ST WEEK	4	Bessel's inequality and Parseval's Identity		Teaching Classes PSS	3 1			2018-19
19	2 ND WEEK	4	REVISION		Teaching Classes PSS	(2) 2	Class room seminar	1	
20	3 RD WEEK	1	DASARA HOLIDAYS						
21	4 TH WEEK		SEMESTER END EXAMINATIONS-2018						
22	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : NOVEMBER									
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						2018-19
24	2 ND WEEK		PRATCICAL EXAMINATIONS-2018						


SIGNATURE OF THE LECTURER


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: VI


PAPER VII: Numerical Analysis
 CLASS: III B.Sc (M.P.C & M.P.Cs)

NAME OF THE LECTURER: S.MANIKANTA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER					2018-19				
1	3 RD WEEK	5	Errors and their Accuracy, Mathematical preliminaries,		Teaching Classes PSS	3 2			
2	4 RD WEEK	4	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	3 1			
3	5 TH WEEK	4	A general error formula , Error in a series approximation.		Teaching Classes PSS	2 1	Class room seminar	1	
MONTH :DECEMBER					2018-19				
5	2 ND WEEK	4	The bisection method ,The iteration method The method of false position , Newton Raphson method		Teaching Classes PSS	2 2			
6	3 RD WEEK	5	Generalized Newton Raphson method. Muller's method		Teaching Classes PSS	3 2			
7	4 TH WEEK	5	Your own styles, properties and values in styles, style sheet		Teaching Classes PSS	3 1	Class room seminar	1	
8	5 TH WEEK	1	CHRISTMAS HOLIDAYS and I mid exams		Teaching Classes	1			
MONTH:JANUARY					2018-19				
9	1 ST WEEK	3	Introduction to java script: what is DHTMLN , Java script, basics,		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Central Differences, Symbolic relations		Teaching Classes PSS	2 2			
11	3 RD WEEK	5	PONGAL HOLIDAYS		Teaching Classes PSS	3 2			
12	4 TH WEEK	4	Detection of errors by use of differences Tables, Differences of a polynomial.		Teaching Classes PSS	2 2			

13	5 TH WEEK	3	Newton's formulae for interpolation		Teaching Classes PSS	1 1	Class room seminar	1	
MONTH : FEBRAURY									
2018-19									
14	1 ST WEEK	2	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2			
15	2 ND WEEK	4	Stirling's central difference formula, Bessel's formula, Everett's Formula		Teaching Classes PSS	3 1			
16	3 RD WEEK	3	II Mid exams		Teaching Classes PSS	2 1			
17	4 TH WEEK	5	Interpolation With unevenly spaced points, Lagrange's formula, Error in Lagrange's formula		Teaching Classes PSS	3 2			
18	5 TH WEEK	3	Divided differences and their properties, Relation between divided differences and forward differences,		Teaching Classes PSS	1 1	Class room seminar	1	
MONTH : MARCH									
2018-19									
19	1 ST WEEK	2	Relation between divided differences and backward differences		Teaching Classes PSS	2			
20	2 ND WEEK	4	Relation between Divided differences and central differences		Teaching Classes PSS	2 2			
21	3 RD WEEK	5	Newton's general interpolation Formula, inverse interpolation		Teaching Classes PSS	2 2	Class room seminar	1	
22	4 TH WEEK	4	REVISION		Teaching Classes PSS	2 2			
23	5 TH WEEK		SEMESTER END EXAMINATIONS - 2018						
MONTH : APRIL									
2018-19									
24	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018						
25	2 ND WEEK		SEMESTER END EXAMINATIONS - 2018						
26	3 RD WEEK		PRATCICAL EXAMINATIONS - 2018						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM - LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: I


PAPER I: Differential Equations
 CLASS: I B.Sc (M.P.Cs)

NAME OF THE LECTURER: G.T.SWARNALATA


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2018-19				
1	4 TH WEEK	6	Orientation Class, Differential equations Reducible to Linear Form		Orientation Class	1			
					Teaching Classes	3			
					PSS	2			
2	5 TH WEEK	6	Exact differential Equations, Integrating factors.		Teaching Classes	3	Class room seminar	1	
					PSS	2			
MONTH : JULY					2017-18				
3	1 ST WEEK	6	Integrating factors, Change of variables		Teaching Classes	4			
					PSS	2			
4	2 ND WEEK	5	Orthogonal Trajectories		Teaching Classes	3			
					PSS	2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes	3	Class room seminar	1	
					PSS	2			
6	4 TH WEEK	3	Equations solvable for y I MID Examinations		Teaching Classes	2			
					PSS	1			
7	5 TH WEEK	2	Equations that do not contain x (or y)		Teaching Classes	1			
					PSS	1			
MONTH : AUGUST					2018-19				
8	1 ST WEEK	4	Equations of first degree in x and y - Clairaut's Equations.		Teaching Classes	2			
					PSS	2			
9	2 ND WEEK	5	Solution of homogeneous linear equations of order n with constant coefficient		Teaching Classes	3			
					PSS	2			
9	3 RD WEEK	5	Solution of homogeneous linear differential with constant coefficients by means of polynomial operators. P.I of $f(D)y = Q$ where Q is an exponential function		Teaching Classes	3			
					PSS	2			

10	4 TH WEEK	5	P.I of $f(D)y = Q$ where Q is $b \sin ax$ or $b \cos ax$. General solution of $f(D)y = Q$ where Q is a function of x		Teaching Classes PSS	2 3			
11	5 TH WEEK	5	P.I of $f(D)y = Q$ where $Q = bx^k$ P.I of $f(D)y = Q$ where $Q = e^{ax}V$		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : SEPTEMBER 2018-19									
12	2 ND WEEK	4	Problem solving session		Teaching Classes PSS	2 2			
13	3 RD WEEK	2	P.I of $f(D)y = Q$ where $Q = x^V$ II-MID Examinations		Teaching Classes PSS	1 1			
14	4 TH WEEK	5	P.I of $f(D)y = Q$ where $Q = xm^V$		Teaching Classes PSS	2 2	Class room seminar	1	
15	5 TH WEEK	6	Methods of variation of parameters		Teaching Classes PSS	4 2			
MONTH : OCTOBER 2018-19									
16	1 ST WEEK	5	Linear differential equations with non-constant coefficient		Teaching Classes PSS	3 2			
17	2 ND WEEK	5	The Cauchy-Euler equations		Teaching Classes PSS	2 2	Class room seminar	1	
18	3 RD WEEK	1	DASARA HOLIDAYS						
19	4 TH WEEK		SEMESTER END EXAMINATIONS-2018						
20	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : NOVEMBER 2018-19									
21	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						
22	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2018						


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: III

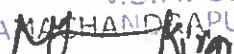
PAPER III: ABSTRACT ALGEBRA
 CLASS: II B.Sc (M.P.C & M.P.Cs)


NAME OF THE LECTURER: G.T. SWARNALATA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2017-18				
1	2 ND WEEK	5	Binary operation – Algebraic structure – semi group – monoid - Group definition		Teaching Classes PSS	4 1			
2	3 RD WEEK	6	Problems solved on group definition		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	Elementary properties finite and infinite groups – examples		Teaching Classes PSS	3 2	Class room seminar	1	
4	5 TH WEEK	6	Order of a group. Composition tables with examples		Teaching Classes PSS	4 2			
MONTH : JULY					2017-18				
5	1 ST WEEK	6	Union and intersection of subgroups . cosets definition properties of cosets		Teaching Classes PSS	4 2			
6	2 ND WEEK	5	Index of subgroups of a finite groups – Lagrange’s theorem		Teaching Classes PSS	3 2			
7	3 RD WEEK	6	Definition of normal subgroup – proper and improper normal subgroup- Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	3 2	Classroom seminar	1	
8	4 TH WEEK	3	Intersection of two normal subgroup – sub group of index 2 is a normal sub group		Teaching Classes PSS	2 1			
MONTH : AUGUST					2017-18				
9	1 ST WEEK	4	1 MID EXAMS . simple group- quotient group –criteria for the existence of a quotient group.		Teaching Classes PSS	3 1			

10	2 ND WEEK	5	Definition of homomorphism – image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	3 2			
11	3 RD WEEK	5	Isomorphism – automorphism definitions and elementary properties – kernel of a homomorphism		Teaching Classes PSS	3 1	Classroom seminar	1	
12	4 TH WEEK	4	Fundamental theorem on homomorphism and applications.		Teaching Classes PSS	2 2			
13	5 TH WEEK	5	Definition of permutation- permutation multiplication		TeachingClasses PSS	3 2			
MONTH : SEPTEMBER					2017-18				
14	2 ND WEEK	4	Problems solving session		Teaching Classes PSS	2 1	Classroom seminar	1	
15	3 RD WEEK	2	II MID Exams Inverse of a permutation –cyclic permutations- transposition		Teaching Classes PSS	1 1			
16	4 TH WEEK	5	Even and odd permutations – Cayley’s theorem		Teaching Classes PSS	2 2			
MONTH : OCOBER					2017-18				
17	1 ST WEEK	5	Definition of cyclic group –elementary properties		Teaching Classes PSS	2 2	Classroom seminar	1	
18	2 ND WEEK	5	Classification of cyclic groups		Teaching Classes PSS	3 2			
19	3 RD WEEK	1	DASARA HOLIDAYS						
20	4 TH WEEK		SEMESTER END EXAMINATIONS-2018						
21	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : NOVEMBER					2017-18				
22	1 ST WEEK		SEMESTER END EXAMINATIONS-2018						
23	2 ND WEEK		PRATCICAL EXAMINATIONS-2018						


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TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: IV

PAPER IV: REAL ANALYSIS
CLASS: I B.Sc., (M.P.Cs &M.P.C)

NAME OF THE LECTURER: G.T.SWARNA LATHA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : NOVEMBER					2018-19				
1	3 ND WEEK	5	The algebraic and order properties of R, absolute value and real line , completeness property of R ,Applications of supreme property ; intervals . No Question is to be set from this portion		Teaching Classes PSS	3 2			
2	4 RD WEEK	6	Sequence and their limits , range and boundedness of sequences,Limit of a sequence . the Cauchy's criterion , properly divergent sequences		Teaching Classes PSS	3 2	Classroom seminar	1	
3	5 TH WEEK	6	Monotone sequence , necessary and sufficient condition for convergence of monotone sequence , limit point f sequence ,subsequences and the Bolzano- weierstrass theorem –Cauchy sequences – cauchy's general principle of convergence theorem.		Teaching Classes PSS	4. 2			
MONTH : DECEMBER					2018-19				
5	2 ST WEEK	5	Introduction to series , convergence of series . Cauchy's general principle of convergence of series tests for convergence of series , series of non-negative terms .		Teaching Classes PSS	3 2			
6	3 ND WEEK	6	1P-test 2.cauchy's root test or root test .3. D' Alembert's test or ratio test .		Teaching Classes PSS	3 2	Classroom seminar	1	
7	4 RD WEEK	6	4. Alternating series. Leibnitz test. Absolute convergence and conditional convergence limit concept		Teaching Classes PSS	4 2			
8	5 TH WEEK		CHRISTMAS HOLIDAYS and I MID EXAMINATIONS		Teaching Classes PSS				
MONTH : JANUARY					2018-19				
9	1 ST	4	Real valued functions. Roundedness of a function, limits of functions	<i>Add-on-program</i> <i>Started 30 Day .</i>	Teaching Classes	2			

	WEEK		Limits of functions. Some extensions of the limit concept ,		PSS	2				
10	2 ND WEEK	5	Infinite limit at infinity. No. question is to be set from this portion continuous functions:		Teaching Classes PSS	2 2	Classroom seminar	1		
11	3 RD WEEK		PONGAL HOLIDAYS		Teaching Classes PSS					
12	4 TH WEEK	5	Continuous functions on intervals		Teaching Classes PSS	3 2				
13	5 TH WEEK	4	Uniform continuity		Teaching Classes PSS	2 2				
MONTH : FEBRUARY							2018-19			
14	1 ND WEEK	2	The derivability of a function , on an interval at a point ,derivability and continuity of function , graphical meaning of the derivative ,		Teaching Classes PSS	1 1				
15	2 ND WEEK	5	Mean value theorems		Teaching Classes PSS	2 2	Classroom seminar	1		
16	3 TH WEEK	3	Role's theorem II MID EXAMS	Add-no Program ended	Teaching Classes PSS	2 1				
17	4 TH WEEK	6	Lagrange's theorem , Cauchy 's Cauchy's mean value theorem ,.		Teaching Classes PSS	4 2				
18	5 TH WEEK	4	Riemann integral functions		Teaching Classes PSS	2 2				
MONTH : MARCH							2018-19			
19	1 ND WEEK	2	darboux theorem		Teaching Classes PSS	1 1				
20	2 ND WEEK	4	necessary and sufficient condition for R -inerrability ,Properties of integrals function s		Teaching Classes PSS	2 2				
21	3 ND WEEK	6	Integral as the limit of a sum , mean value theorems		Teaching Classes PSS	3 2	Classroom seminar	1		
22	4 TH WEEK	5	REVISION		Teaching Classes PSS	3 2				
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2018							
MONTH : APRIL							2018-19			
23	1 ND WEEK		SEMESTER END EXAMINATIONS-2018							
24	2 ND WEEK		SEMESTER END AND PRATCICAL EXAMINATIONS-2018							
25	3 ND WEEK		PRATCICAL EXAMINATIONS-2018							


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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: III

PAPER III: ABSTRACT ALGEBRA
 CLASS: II B.Sc (M.P.C & M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2017-18				
1	2 ND WEEK	5	Binary operation – Algebraic structure – semi group – monoid - Group definition		Teaching Classes PSS	4 1			
2	3 RD WEEK	6	Problems solved on group definition		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	Elementary properties finite and infinite groups – examples		Teaching Classes PSS	3 2	Class room seminar	1	
4	5 TH WEEK	6	Order of a group. Composition tables with examples		Teaching Classes PSS	4 2			
MONTH : JULY					2017-18				
5	1 ST WEEK	6	Union and intersection of subgroups . cosets definition properties of cosets		Teaching Classes PSS	4 2			
6	2 ND WEEK	5	Index of subgroups of a finite groups – Lagrange’s theorem		Teaching Classes PSS	3 2			
7	3 RD WEEK	6	Definition of normal subgroup – proper and improper normal subgroup- Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	3 2	Classroom seminar	1	
8	4 TH WEEK	3	Intersection of two normal subgroup – sub group of index 2 is a normal sub group		Teaching Classes PSS	2 1			
MONTH : AUGUST					2017-18				
9	1 ST	4	I MID EXAMS . simple group- quotient group –criteria for		Teaching Classes PSS	3			

	WEEK		the existence of a quotient group.			1				
10	2 ND WEEK	5	Definition of homomorphism – image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	3 2				
11	3 RD WEEK	5	Isomorphism –automorphism definitions and elementary properties –kernel of a homomorphism		Teaching Classes PSS	3 1	Classroom seminar	1		
12	4 TH WEEK	4	Fundamental theorem on homomorphism and applications.		Teaching Classes PSS	2 2				
13	5 TH WEEK	5	Definition of permutation- permutation multiplication		Teaching Classes PSS	3 2				
MONTH : SEPTEMBER							2017-18			
14	2 ND WEEK	4	Problems solving session		Teaching Classes PSS	2 1	Classroom seminar	1		
15	3 RD WEEK	2	II MID Exams Inverse of a permutation –cyclic permutations- transposition		Teaching Classes PSS	1 1				
16	4 TH WEEK	5	Even and odd permutations – Cayley's theorem		Teaching Classes PSS	3 2				
MONTH : OCOBER							2017-18			
17	1 ST WEEK	5	Definition of cyclic group –elementary properties		Teaching Classes PSS	2 2	Classroom seminar	1		
18	2 ND WEEK	5	Classification of cyclic groups		Teaching Classes PSS	3 2				
19	3 RD WEEK		DASARA HOLIDAYS							
20	4 TH WEEK		SEMESTER END EXAMINATIONS-2018							
21	5 TH WEEK		SEMESTER END EXAMINATIONS-2018							
MONTH : NOVEMBER							2017-18			
22	1 ST WEEK		SEMESTER END EXAMINATIONS-2018							
23	2 ND WEEK		PRATCICAL EXAMINATIONS-2018							

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TABLE –A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
 Semester: V

PAPER V: Ring theory And Vector Calculus
 CLASS: III B.Sc (M.P.C & M.P.Cs)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH : JUNE					2018-19				
1	2 ND WEEK	4	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null space.		Teaching Classes PSS	2 2			
2	3 RD WEEK	4	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors.		Teaching Classes PSS	3 1			
3	4 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	3 2			
4	5 TH WEEK	5	Basis of Vector space, Finite dimensional Vector spaces.		Teaching Classes PSS	2 2	Class room seminar	1	
MONTH : JULY					2018-19				
5	1 ST WEEK	5	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace.		Teaching Classes PSS	3 2			
6	2 ND WEEK	4	Quotient space and Dimension of Quotient space.		Teaching Classes PSS	2 2			
7	3 RD WEEK	5	Linear transformations, linear operators, Properties of L.T, sum and product of LTs.		Teaching Classes PSS	3 2			
8	4 TH WEEK	2	Algebra of Linear Operators, Range and null space of linear transformation. I MID Exam		Teaching Classes	1	Class room seminar	1	
MONTH : AUGUST					2018-19				
9	1 ST WEEK	3	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	2 1			
10	2 ND WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices,		Teaching Classes	2			

	WEEK		Rank of Matrix.		PSS	2				
11	3 RD WEEK	4	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix.		Teaching Classes PSS	3 1				
12	4 TH WEEK	4	Cayley – Hamilton Theorem and Problems.		Teaching Classes PSS	2 2				
13	5 TH WEEK	4	Inner product spaces.		Teaching Classes PSS	2 1	Class room seminar	1		
MONTH : SEPTEMBER							2018-19			
14	2 ND WEEK	3	Euclidean and unitary spaces, Norm or length of a Vector.		Teaching Classes PSS	2 1				
15	3 RD WEEK	1	Schwartz inequality, Triangle in Inequality, Parallelogram law. II-MID		Teaching Classes PSS	1				
16	4 TH WEEK	4	Orthogonality, Orthonormal set.		Teaching Classes PSS	2 2				
17	5 TH WEEK	5	complete orthonormal set, Gram – Schmidt orthogonalisation process. Bessel's inequality and Parseval's Identity.		Teaching Classes PSS	3 1	Class room seminar	1		
MONTH : OCTOBER							2018-19			
18	1 ST WEEK	4	Bessel's inequality and Parseval's Identity		Teaching Classes PSS	3 1				
19	2 ND WEEK	4	REVISION		Teaching Classes PSS	1 2	Class room seminar	1		
20	3 RD WEEK	5	DASARA HOLIDAYS							
21	4 TH WEEK		SEMESTER END EXAMINATIONS-2018							
22	5 TH WEEK		SEMESTER END EXAMINATIONS-2018							
MONTH : NOVEMBER							2018-19			
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2018							
24	2 ND WEEK		PRATCICAL EXAMINATIONS-2018							

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RAMACHANDRAPURAM-533 255

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VSM COLLEGE (A):: RAMACHANDRAPURAM
TABLE -A-CURCULUM – LECTURER WISE

DEPARTMENT: MATHEMATICS
Semester: IV

PAPER IV: REAL ANALYSIS
CLASS: I B.Sc., (M.P.Cs &M.P.C)

NAME OF THE LECTURER: CH.TANUJA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT/ VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTE D	ACTIVITY	HOURS ALLOTE D	
MONTH : NOVEMBER					2018-19				
1	3 ND WEEK	5	The algebraic and order properties of R, absolute value and real line , completeness property of R ,Applications of supreme property ; intervals . No Question is to be set from this portion		Teaching Classes PSS	3 2			
2	4 RD WEEK	6	Sequence and their limits , range and boundedness of sequences,Limit of a sequence . the Cauchy's criterion , properly divergent sequences		Teaching Classes PSS	3 2	Classroom seminar	1	
3	5 TH WEEK	6	Monotone sequence , necessary and sufficient condition for convergence of monotone sequence , limit point f sequence ,subsequences and the Bolzano- weierstrass theorem –Cauchy sequences – cauchy's general principle of convergence theorem.		Teaching Classes PSS	4. 2			
MONTH : DECEMBER					2018-19				
5	2 ST WEEK	5	Introduction to series , convergence of series . Cauchy's general principle of convergence of series tests for convergence of series , series of non-negative terms .		Teaching Classes PSS	3 2			
6	3 ND WEEK	6	1P-test 2.cauchy's root test or root test .3. D' Alembert's test or ratio test .		Teaching Classes PSS	3 2	Classroom seminar	1	
7	4 RD WEEK	6	4. Alternating series. Leibnitz test. Absolute convergence and conditional convergence limit concept		Teaching Classes PSS	4 2			
8	5 TH WEEK		CHRISTMAS HOLIDAYS and I MID EXAMINATIONS		Teaching Classes PSS				
MONTH : JANUARY					2018-19				
9	1 ST WEEK	4	Real valued functions. Boundedness of a function, limits of functions Limits of functions. Some extensions of the limit concept ,		Teaching Classes PSS	2 2			

10	2 ND WEEK	5	Infinite limit at infinity . no . question is to be set from this portion continuous functions:		Teaching Classes PSS	2 2	Classroom seminar	1	
11	3 RD WEEK		PONGAL HOLIDAYS						
12	4 TH WEEK	5	Continuous functions on intervals		Teaching Classes PSS	3 2			
13	5 TH WEEK	4	Uniform continuity		Teaching Classes PSS	2 2			
MONTH : FEBRUARY					2018-19				
14	1 ND WEEK	2	The derivability of a function , on an interval at a point ,derivability and continuity of function , graphical meaning of the derivative ,		Teaching Classes PSS	1 1			
15	2 RD WEEK	5	Mean value theorems		Teaching Classes PSS	2 2	Classroom seminar	1	
16	3 TH WEEK	3	Role's theorem II MID EXAMS		Teaching Classes PSS	2 1			
17	4 TH WEEK	6	Lagrange's theorem , Cauchy 's Cauchy's mean value theorem		Teaching Classes PSS	4 2			
18	5 TH WEEK	4	Riemann integral functions, darbox theorem . necessary and sufficient condition for R -inerrability		Teaching Classes PSS	2 2			
MONTH : MARCH					2018-19				
19	1 ND WEEK	2	Properties of integrals function s		Teaching Classes PSS	1 1			
20	2 ND WEEK	4	Properties of integrable functions		Teaching Classes PSS	2 2			
21	3 ND WEEK	6	Integral as the limit of a sum , mean value theorems		Teaching Classes PSS	3 2	Classroom seminar	1	
22	4 TH WEEK	5	REVISION		Teaching Classes PSS	3 2			
23	5 TH WEEK		SEMESTER END EXAMINATIONS-2018						
MONTH : APRIAL					2018-19				
24	1 ND WEEK		SEMESTER END EXAMINATIONS-2018						
25	2 ND WEEK		SEMESTER END EXAMINATIONS-2018						
26	3 RD WEEK		PRATCICAL EXAMINATIONS-2018						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER V: RING THEORY AND VECTOR CALCULUS

Semester : V


CLASS: III B.Sc., (M.P.Cs. & M.P.C.)


NAME OF THE LECTURER : N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE 2017-18									
1	2 ND WEEK	5	Definition of Ring and basic properties, Boolean Rings, divisors of zero and cancellation laws, Rings, Integral Domains		Orientation Class Teaching Classes PSS	1 2 2			
2	3 RD WEEK	5	Division Ring and Fields, The characteristic of a ring. The characteristic of an Integral Domain.		Teaching Classes PSS	3 2			
3	4 TH WEEK	5	The characteristic of a Field. Sub Rings, Ideals.		Teaching Classes PSS	3 2			
4	5 TH WEEK	4	Definition of Homomorphism – Homomorphic Image – Elementary Properties of Homomorphism		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY 2017-18									
5	1 ST WEEK	5	Kernel of a Homomorphism – Fundamental theorem of Homomorphism		Teaching Classes PSS	3 2			
6	2 ND WEEK	5	Maximal Ideals – Prime Ideals		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	Vector Differentiation, Ordinary derivatives of vectors		Teaching Classes PSS	3 2			
8	4 TH WEEK	5	Differentiability, Gradient, Divergence,		Teaching Classes PSS	3 1	Class Room Seminar	1	
MONTH: AUGUST 2017-18									
9	1 ST WEEK	3	I Mid Exams Curl operators,	<i>Add-on program started 30-days</i>	Teaching Classes PSS	2 1			

10	2 ND WEEK	5	Formulae Involving these operators		Teaching Classes PSS	3 2			
11	3 RD WEEK	4	Line Integral		Teaching Classes PSS	3 1			
12	4 TH WEEK	5	Surface Integral		Teaching Classes PSS	3 2			
13	5 th WEEK	4	Volume integral with examples		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: SEPTEMBER									
2017-18									
14	1 ST WEEK	1	Theorem of Gauss		PSS	1			
15	2 ND WEEK	2	II Mid Exams Gauss applications	Add on program ended.	Teaching Classes PSS	2 0			
16	3 RD WEEK	5	Gauss applications. Theorems of Stokes and applications		Teaching Classes PSS	3 1	Guest Lecture	1	
17	4 th WEEK	5	Stokes applications		Teaching Classes PSS	3 1	Class Room Seminar	1	
18	5 th WEEK	0	Dasara Holidays						
MONTH: OCTOBER									
2017-18									
19	1 ST WEEK	5	Green's theorem in plane and applications		Teaching Classes PSS	3 2			
20	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1	
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER									
2017-18									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER VI: LINEAR ALGEBRA

Semester : V

CLASS: III B.Sc., (M.P.CS.)


NAME OF THE LECTURER: N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE									
2017-18									
1	2 ND WEEK	5	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null		Orientation Class Teaching Classes PSS	1 2 2			
2	3 RD WEEK	5	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors		Teaching Classes PSS	3 2			
3	4 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	3 2			
4	5 th WEEK	4	Basis of Vector space, Finite dimensional Vector spaces		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY									
2017-18									
5	1 ST WEEK	5	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace		Teaching Classes PSS	2 2	Guest Lecture	1	
6	2 ND WEEK	5	Quotient space and Dimension of Quotient space		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	Linear transformations, linear operators, Properties of L.T, sum and product of LTs		Teaching Classes PSS	3 2			

8	4 TH WEEK	5	Algebra of Linear Operators, Range and null space of linear transformation		Teaching Classes PSS	3 1	Class Room Seminar	1	
MONTH: AUGUST					2017-18				
9	1 ST WEEK	3	I MID Exams		Teaching Classes PSS	2 1			
10	2 ND WEEK	5	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	3 2			
11	3 RD WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix		Teaching Classes PSS	3 1			
12	4 TH WEEK	5	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix		Teaching Classes PSS	3 2			
13	5 th WEEK	4	Cayley – Hamilton Theorem and problems		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: SEPTEMBER					2017-18				
14	1 ST WEEK	1	Inner product spaces		PSS	1			
15	2 ND WEEK	2	II Mid Exams Euclidean and unitary spaces, Norm or length of a Vector		Teaching Classes PSS	1 0	Guest Lecture	1	
16	3 RD WEEK	5	Schwartz inequality, Triangle in Inequality, Parallelogram law		Teaching Classes PSS	3 2			
17	4 th WEEK	5	Orthogonality, Orthonormal set		Teaching Classes PSS	3 1	Class Room Seminar	1	
18	5 th WEEK	0	Dasara Holidays						

MONTH: OCTOBER						2017-18				
19	1 ST WEEK	5	Complete orthonormal set, Gram – Schmidt orthogonalisation process. Bessel's inequality and Parseval's Identity		Teaching Classes PSS	3 2				
20	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1		
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017							
22	4 TH WEEK		SEMESTER END EXAMINATIONS - 2017							
MONTH: NOVEMBER						2017-18				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER VII(B): NUMERICAL ANALYSIS

Semester : VI

CLASS: III B.Sc., (M.P.Cs. & M.P.C)

NAME OF THE LECTURER : N.S.V.KIRAN KUMAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	2 nd WEEK	3	Errors and their Accuracy, Mathematical Preliminaries,		Teaching Classes PSS	2 1			
2	3 rd WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	3 2			
3	4 th WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3 2			
4	5 th WEEK	4	The bisection method, The iteration method		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: DECEMBER					2017-18				
5	1 ST WEEK	1	The method of false position, Newton Raphson method		Teaching Classes PSS	1 0			
6	2 ND WEEK	5	Generalized Newton Raphson method. Muller's Method		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	your own styles, properties and values in styles, style sheet		Teaching Classes PSS	3 2			
8	4 TH WEEK	2	I Mid Exams		Teaching Classes PSS	1 0	QUIZ		
9	5 th WEEK	4	Errors in polynomial interpolation, Finite Differences, Forward differences, Backward differences		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JANUARY					2017-18				
10	1 ST WEEK	5	Introduction to JavaScript: What is DHTML, JavaScript, basics,		Teaching Classes PSS	3 2			


11	2 ND WEEK	4	Central Differences, Symbolic relations		Teaching Classes PSS	3 1			
12	3 RD WEEK	0	PONGAL HOLIDAYS						
13	4 TH WEEK	5	Detection of errors by use of Differences Tables, Differences of a polynomial.		Teaching Classes PSS	3 2			
14	5 th WEEK	3	Newton's formulae for interpolation		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: FEBRUARY 2017-18									
15	1 ST WEEK	3	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 1			
16	2 ND WEEK	2	II Mid Exams		Teaching Classes PSS	1 1			
17	3 RD WEEK	5	Stirling's central difference formula, Bessel's Formula, Everett's Formula		Teaching Classes PSS	3 2			
18	4 th WEEK	5	Interpolation with unevenly spaced points, Lagrange's formula, Error in Lagrange's formula		Teaching Classes PSS	3 2			
19	5 th WEEK	3	Divided differences and their properties, Relation between divided differences and forward differences, Relation between divided differences and backward differences		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: MARCH 2017-18									
20	1 ST WEEK	2	Relation between divided differences and central differences, Newton's general interpolation Formula, Inverse interpolation		Teaching Classes PSS	1 1	Study Project		
21	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 2	Book Reviews		
22	3 RD WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1	

23	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL				2017-18						
24	1 st WEEK		SEMESTER END EXAMINATIONS - 2018							
25	2 nd WEEK		PRACTICAL EXAMINATIONS - 2018							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER V: RING THEORY AND VECTOR CALCULUS

Semester : V

CLASS: III B.Sc., (M.P.Cs. & M.P.C.)

NAME OF THE LECTURER : G.N.UMA MAHESWARI

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	5	Definition of Ring and basic properties, Boolean Rings, divisors of zero and cancellation laws, Rings, Integral Domains		Orientation Class Teaching Classes PSS	1 2 2			
2	3 RD WEEK	5	Division Ring and Fields, The characteristic of a ring. The characteristic of an Integral Domain.		Teaching Classes PSS	3 2			
3	4 TH WEEK	5	The characteristic of a Field. Sub Rings, Ideals.		Teaching Classes PSS	3 2			
4	5 TH WEEK	4	Definition of Homomorphism – Homomorphic Image – Elementary Properties of Homomorphism		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Kernel of a Homomorphism – Fundamental theorem of Homomorphism		Teaching Classes PSS	3 2			
6	2 ND WEEK	5	Maximal Ideals – Prime Ideals		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	Vector Differentiation, Ordinary derivatives of vectors		Teaching Classes PSS	3 2			
8	4 TH WEEK	5	Differentiability, Gradient, Divergence,		Teaching Classes PSS	3 1	Class Room Seminar	1	
MONTH: AUGUST					2017-18				
9	1 ST WEEK	3	I Mid Exams Curl operators,		Teaching Classes PSS	2 1			

10	2 ND WEEK	5	Formulae Involving these operators		Teaching Classes PSS	3 2			
11	3 RD WEEK	4	Line Integral		Teaching Classes PSS	3 1			
12	4 TH WEEK	5	Surface Integral		Teaching Classes PSS	3 2			
13	5 th WEEK	4	Volume integral with examples		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: SEPTEMBER									
2017-18									
14	1 ST WEEK	1	Theorem of Gauss		PSS	1			
15	2 ND WEEK	2	II Mid Exams Gauss applications		Teaching Classes PSS	2 0			
16	3 RD WEEK	5	Gauss applications. Theorems of Stokes and applications		Teaching Classes PSS	3 1	Guest Lecture	1	
17	4 th WEEK	5	Stokes applications		Teaching Classes PSS	3 1	Class Room Seminar	1	
18	5 th WEEK	0	Dasara Holidays						
MONTH: OCTOBER									
2017-18									
19	1 ST WEEK	5	Green's theorem in plane and applications		Teaching Classes PSS	3 2			
20	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1	
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER									
2017-18									
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER VI: LINEAR ALGEBRA

Semester : V

CLASS: III B.Sc., (M.P.CS.)

NAME OF THE LECTURER:G.N.UMA MAHESWARI

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	5	Vector Spaces, General properties of vector spaces, n-dimensional Vectors, addition and scalar multiplication of Vectors, internal and external composition, Null		Orientation Class Teaching Classes PSS	1 2 2			
2	3 RD WEEK	5	Vector subspaces, Algebra of subspaces, Linear Sum of two subspaces, linear combination of Vectors		Teaching Classes PSS	3 2			
3	4 TH WEEK	5	Linear span Linear independence and Linear dependence of Vectors.		Teaching Classes PSS	3 2			
4	5 th WEEK	4	Basis of Vector space, Finite dimensional Vector spaces		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY					2017-18				
5	1 ST WEEK	5	Basis extension, co-ordinates, Dimension of a Vector space, Dimension of a subspace		Teaching Classes PSS	2 2	Guest Lecture	1	
6	2 ND WEEK	5	Quotient space and Dimension of Quotient space		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	Linear transformations, linear operators, Properties of L.T, sum and product of LTs		Teaching Classes PSS	3 2			

8	4 TH WEEK	5	Algebra of Linear Operators, Range and null space of linear transformation		Teaching Classes PSS	3 1	Class Room Seminar	1	
MONTH: AUGUST									
2017-18									
9	1 ST WEEK	3	I MID Exams		Teaching Classes PSS	2 1			
10	2 ND WEEK	5	Rank and Nullity of linear transformations – Rank – Nullity Theorem.		Teaching Classes PSS	3 2			
11	3 RD WEEK	4	Matrices, Elementary Properties of Matrices, Inverse Matrices, Rank of Matrix		Teaching Classes PSS	3 1			
12	4 TH WEEK	5	Linear Equations, Characteristic Roots, Characteristic Values & Vectors of square Matrix		Teaching Classes PSS	3 2			
13	5 th WEEK	4	Cayley – Hamilton Theorem and problems		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: SEPTEMBER									
2017-18									
14	1 ST WEEK	1	Inner product spaces		PSS	1			
15	2 ND WEEK	2	II Mid Exams Euclidean and unitary spaces, Norm or length of a Vector		Teaching Classes PSS	1 0	Guest Lecture	1	
16	3 RD WEEK	5	Schwartz inequality, Triangle in Inequality, Parallelogram law		Teaching Classes PSS	3 2			
17	4 th WEEK	5	Orthogonality, Orthonormal set		Teaching Classes PSS	3 1	Class Room Seminar	1	
18	5 th WEEK	0	Dasara Holidays						

MONTH: OCTOBER					2017-18				
19	1 ST WEEK	5	Complete orthonormal set, Gram – Schmidt orthogonalisation process. Bessel's inequality and Parseval's Identity		Teaching Classes PSS	3 2			
20	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1	
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
22	4 TH WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER					2017-18				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						

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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER VII(B): NUMERICAL ANALYSIS

Semester : VI

CLASS: III B.Sc., (M.P.Cs. & M.P.C)

NAME OF THE LECTURER : G.N.UMA MAHESWARI

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	2 nd WEEK	3	Errors and their Accuracy, Mathematical Preliminaries,		Teaching Classes PSS	2 1			
2	3 rd WEEK	5	Mathematical Preliminaries, Errors and their Analysis, Absolute, Relative and Percentage Errors		Teaching Classes PSS	3 2			
3	4 th WEEK	5	A general error formula, Error in a series approximation.		Teaching Classes PSS	3 2			
4	5 th WEEK	4	The bisection method, The iteration method		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: DECEMBER					2017-18				
5	1 ST WEEK	1	The method of false position, Newton Raphson method		Teaching Classes PSS	1 0			
6	2 ND WEEK	5	Generalized Newton Raphson method. Muller's Method		Teaching Classes PSS	3 2			
7	3 RD WEEK	5	your own styles, properties and values in styles, style sheet		Teaching Classes PSS	3 2			
8	4 TH WEEK	2	I Mid Exams		Teaching Classes PSS	1 0	QUIZ		
9	5 th WEEK	4	Errors in polynomial interpolation, Finite Differences, Forward differences, Backward differences		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JANUARY					2017-18				
10	1 ST WEEK	5	Introduction to JavaScript: What is DHTML, JavaScript, basics,		Teaching Classes PSS	3 2			

11	2 ND WEEK	4	Central Differences, Symbolic relations		Teaching Classes PSS	3 1			
12	3 RD WEEK	0	PONGAL HOLIDAYS						
13	4 TH WEEK	5	Detection of errors by use of Differences Tables, Differences of a polynomial.		Teaching Classes PSS	3 2			
14	5 th WEEK	3	Newton's formulae for interpolation		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: FEBRUARY									
2017-18									
15	1 ST WEEK	3	Central Difference Interpolation Formulae, Gauss's central difference formulae		Teaching Classes PSS	2 1			
16	2 ND WEEK	2	II Mid Exams		Teaching Classes PSS	1 1			
17	3 RD WEEK	5	Stirling's central difference formula, Bessel's Formula, Everett's Formula		Teaching Classes PSS	3 2			
18	4 th WEEK	5	Interpolation with unevenly spaced points, Lagrange's formula, Error in Lagrange's formula		Teaching Classes PSS	3 2			
19	5 th WEEK	3	Divided differences and their properties, Relation between divided differences and forward differences, Relation between divided differences and backward differences		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: MARCH									
2017-18									
20	1 ST WEEK	2	Relation between divided differences and central differences, Newton's general interpolation Formula, Inverse interpolation		Teaching Classes PSS	1 1	Study Project		
21	2 ND WEEK	5	REVISION		Teaching Classes PSS	3 2	Book Reviews		
22	3 RD WEEK	5	REVISION		Teaching Classes PSS	3 1	Class Room Seminar	1	

23	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL				2017-18						
24	1 st WEEK		SEMESTER END EXAMINATIONS - 2018							
25	2 nd WEEK		PRACTICAL EXAMINATIONS - 2018							

G.N.U. Mahi
SIGNATURE OF THE LECTURER

N.S.V. Kiran Kumar
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G. Mahi
15/3/18

VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER III: ABSTRACT ALGEBRA

Semester : III

CLASS: II B.Sc., (M.P.Cs. & M.P.C.)

NAME OF THE LECTURER: N.L.N.MALLIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	5	Binary Operation – Algebraic structure – semi group – monoid – Group definition		Orientation Class Teaching Classes PSS	1 3 1			
2	3 RD WEEK	6	Problems solved on Group definition		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	elementary properties Finite and Infinite groups – examples		Teaching Classes PSS	4 2			
4	5 TH WEEK	4	order of a group. Composition tables with examples		Teaching Classes PSS	3 0	Class Room Seminar	1	
MONTH: JULY					2017-18				
5	1 ST WEEK	6	Union and Intersection of subgroups. Cosets Definition – properties of Cosets		Teaching Classes PSS	4 2			
6	2 ND WEEK	6	Index of subgroups of a finite groups–Lagrange’s Theorem.		Teaching Classes PSS	4 2			
7	3 RD WEEK	6	Definition of normal subgroup – proper and improper normal subgroup–Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	4 2			

8	4 TH WEEK	6	Intersection of two normal subgroups – Sub group of index 2 is a normal sub group		Teaching Classes PSS	4 1	Class Room Seminar	1	
MONTH: AUGUST									
2017-18									
9	1 ST WEEK	5	I MID Exams. Simple group – quotient group – criteria for the existence of a quotient group.		Teaching Classes PSS	3 2			
10	2 ND WEEK	5	Definition of homomorphism – Image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	4 1			
11	3 RD WEEK	4	Isomorphism – automorphism definitions and elementary properties–kernel of a homomorphism		Teaching Classes PSS	2 2			
12	4 TH WEEK	5	fundamental theorem on Homomorphism and applications.		Teaching Classes PSS	3 2			
13	5 th WEEK	4	Definition of permutation – permutation multiplication		Teaching Classes PSS	3 0	Class Room Seminar	1	
MONTH: SEPTEMBER									
2017-18									
14	1 ST WEEK	1	Problems Solving Session		PSS	1			
15	2 ND WEEK	2	II MID Exams. Inverse of a permutation – cyclic permutations – transposition		Teaching Classes PSS	1 1			
16	3 RD WEEK	6	Even and odd permutations – Cayley's theorem		Teaching Classes PSS	4 2			
17	4 th WEEK	6	Problems Solved		PSS	5	Class Room Seminar	1	

18	5 TH WEEK	0	DASARA HOLIDAYS						
MONTH: OCTOBER						2017-18			
19	1 ST WEEK	5	Definition of cyclic group – elementary properties		Teaching Classes PSS	3 2			
20	2 ND WEEK	5	classification of cyclic groups		Teaching Classes PSS	3 1	Class Room Seminar	1	
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017						
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2017						
MONTH: NOVEMBER						2017-18			
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2017						


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER IV: REAL ANALYSIS

Semester : IV


CLASS: II B.Sc., (M.P.Cs. & M.P.C.)


NAME OF THE LECTURER: N.L.N.MALIKA


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	1 ST WEEK	3	The algebraic and order properties of R, Absolute value and Real line,		Teaching Classes PSS	2 1			
2	2 ND WEEK	6	Completeness property of R, Applications of supreme property; intervals. No. Question is to be set from this portion. Sequences and their limits, Range and Boundedness of Sequences		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	Limit of a sequence and Convergent sequence. The Cauchy's criterion, properly divergent sequences		Teaching Classes PSS	4 2			
4	5 th WEEK	4	Monotone sequences, Necessary and Sufficient condition for Convergence of Monotone Sequence, Limit Point of Sequence, Subsequences and the Bolzano-weierstrass theorem – Cauchy Sequences – Cauchy's general principle of convergence theorem.		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: DECEMBER					2017-18				
5	1 ST WEEK	1	Introduction to series, convergence of series. Cauchy's general principle of convergence for series tests for convergence of series, Series of Non-Negative Terms.		Teaching Classes PSS	0 1			
6	2 ND WEEK	5	1. P-test 2. Cauchy's n^{th} root test or Root Test. 3. D'Alemberts' Test or Ratio Test.		Teaching Classes PSS	3 2			

7	3 RD WEEK	6	4. Alternating Series . Leibnitz Test. Absolute convergence and conditional convergence, semi convergenceLimits:		Teaching Classes PSS	4 2	QUIZ			
8	4 TH WEEK	3	I MID Exams Real valued Functions, Boundedness of a function, Limits of functions. Some extensions of the limit concept,		Teaching Classes PSS	2 1				
9	5 th WEEK	4	Limits of functions. Some extensions of the limit concept,		Teaching Classes PSS	2 1	Class Room Seminar	1		
MONTH: JANUARY							2017-18			
10	1 ST WEEK	6	Infinite Limits. Limits at infinity. No. Question is to be set from this portion Continuous functions: Continuous functions, Combinations of continuous functions,		Teaching Classes PSS	4 2				
11	2 ND WEEK	4	Continuous Functions on intervals,		Teaching Classes PSS	2 2				
12	3 RD WEEK	0	PONGAL HOLIDAYS							
13	4 TH WEEK	5	Uniform continuity.		Teaching Classes PSS	3 2				
14	5 th WEEK	3	The derivability of a function, on an interval, at a point, Derivability and continuity of a function, Graphical meaning of the Derivative,		Teaching Classes PSS	1 1	Class Room Seminar	1		
MONTH: FEBRUARY							2017-18			
15	1 ST WEEK	3	Mean value Theorems; Role's Theorem,		Teaching Classes PSS	2 1				

16	2 ND WEEK	2	II Mid Exams		PSS	2				
17	3 RD WEEK	5	Lagrange's Theorem, Cauchy's Cauchy's Mean value Theorem		Teaching Classes PSS	3 2				
18	4 th WEEK	6	Riemann Integral, Riemann integral functions, Darboux theorem. Necessary and sufficient condition for R – integrability.		Teaching Classes PSS	4 2				
19	5 th WEEK	3	Properties of integrable functions		Teaching Classes PSS	1 1	Class Room Seminar	1		
MONTH: MARCH							2017-18			
20	1 ST WEEK	2	Properties of integrable functions	Computer System with LCD Projector / Black Board	Teaching Classes PSS	1 1	Study Project			
21	2 ND WEEK	5	Fundamental theorem of integral calculus	Computer System with LCD Projector / Black Board	Teaching Classes PSS	3 2	Book Reviews			
22	3 RD WEEK	6	Integral as the limit of a sum, Mean value Theorems.	Computer System with LCD Projector / Black Board	Teaching Classes PSS	4 1	Class Room Seminar	1		
23	4 th WEEK		SEMESTER END EXAMINATIONS - 2018							
MONTH: APRIL										
24	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018							
25	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018							


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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER I: DIFFERENTIAL EQUATIONS

Semester : I

CLASS: I B.Sc., (M.P.Cs. & M.P.C)


Name of the Lecturer : D.S.V.HARIKA


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE - 2017									
1	4 TH WEEK	6	Orientation Class, Differential Equations Reducible to Linear Form		Orientation Class Teaching Classes PSS	2 2 2			
2	5 TH WEEK	4	Exact Differential Equations, Integrating Factors		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY - 2017									
3	1 ST WEEK	6	Integrating Factors, Change of Variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	6	Orthogonal Trajectories		Teaching Classes PSS	4 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	4 2			
6	4 TH WEEK	6	Equations solvable for y, Equations that do not contain x (or y), Equations of the first degree in x and y – Clairaut's Equation		Teaching Classes PSS	4 1	Class Room Seminar	1	

MONTH: AUGUST - 2017									
7	1 ST WEEK	3	I MID Exams		Teaching Classes PSS	2 1			
8	2 ND WEEK	5	Solution of homogeneous linear differential equations of order n with constant coefficients		Teaching Classes PSS	4 1			
9	3 RD WEEK	4	Solution of the non-homogeneous linear differential equations with constant coefficients by means of polynomial operators. P.I. of $f(D)y = Q$ where Q is exponential function		Teaching Classes PSS	3 1			
10	4 TH WEEK	5	P.I. of $f(D)y = Q$ when Q is $b \sin ax$ or $b \cos ax$. General Solution of $f(D)y=Q$ when Q is a function of x.		Teaching Classes PSS	3 2			
11	5 th WEEK	4	P.I. of $f(D)y = Q$ when $Q = bx^k$, P.I. of $f(D)y = Q$ when $Q = e^{ax}V$		Teaching Classes PSS	3 0	Class Room Seminar	1	
MONTH: SEPTEMBER - 2017									
12	1 ST WEEK	1	Problems Solving Session		Teaching Classes PSS	1 0			
13	2 ND WEEK	2	II MID Exams P.I. of $f(D)y = Q$ when $Q = xV$,		Teaching Classes PSS	1 1			
14	3 RD WEEK	6	P.I. of $f(D)y = Q$ when $Q = xmV$		Teaching Classes PSS	4 2			

15	4 th WEEK	6	Method of variation of parameters		Teaching Classes PSS	4 1	Class Room Seminar	1	
16	5 th WEEK		Dasara Holidays						
MONTH: OCTOBER - 2017									
17	1 ST WEEK	5	Linear differential equations with non-constant coefficients		Teaching Classes PSS	3 2			
18	2 ND WEEK	5	The Cauchy-Euler equation		Teaching Classes PSS	4 1			
19	3 RD WEEK	5	Revision		PSS	4	Class Room Seminar	1	
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER - 2017									
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						
22	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017						


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TABLE - A - CURRICULUM PLAN - LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER II :SOLID GEOMETRY

Semester : II

CLASS: I B.Sc., (M.P.Cs. & M.P.C.)


NAME OF THE LECTURER:D.S.V.HARIKA

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	3 RD WEEK	6	Equation of a plane in terms of its intercepts on the axis, Equation of the plane through the given points		Teaching Classes PSS	4 2			
2	4 TH WEEK	6	Length of the perpendicular from a given point to a given plane, Bisectors of angles between two planes		Teaching Classes PSS	4 2			
3	5 th WEEK	4	Combined equation of two planes, Orthogonal projection on a plane		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: DECEMBER					2017-18				
4	1 ST WEEK	1	Equation of a line, Angle between a line and a plane		Teaching Classes PSS	0 1			
5	2 ND WEEK	5	The condition that a given line may lie in a given plane, The condition that two given lines are coplanar		Teaching Classes PSS	3 2			
6	3 RD WEEK	6	Number of arbitrary constants in the equations of a straight line, Sets of conditions which determine a line,		Teaching Classes PSS	4 2	QUIZ		
7	4 TH WEEK	3	I MID Exams. The shortest distance between two lines		Teaching Classes PSS	2 1			
8	5 th WEEK	4	The length and equations of the line of shortest distance between two straight lines		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JANUARY					2017-18				
9	1 ST WEEK	6	Length of the perpendicular from a given point to a given line	<i>Add-on program & started [30 Days]</i>	Teaching Classes PSS	4 2			

10	2 ND WEEK	4	Definition and equation of the sphere, Equation of the sphere through four given points, Plane sections of a sphere,		Teaching Classes PSS	2 2			
11	3 RD WEEK	0	PONGAL HOLIDAYS						
12	4 TH WEEK	5	Intersection of two spheres, Equation of a circle, Sphere through a given circle, Intersection of a sphere and line, Power of a point		Teaching Classes PSS	4 1			
13	5 TH WEEK	3	Tangent plane, Plane of contact, Polar plane, Pole of a plane, Conjugate points, Conjugate planes		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: FEBRUARY					2017-18				
14	1 ST WEEK	3	Angle of intersection of two spheres,		Teaching Classes PSS	2 1			
15	2 ND WEEK	2	II Mid Exams		Teaching Classes PSS	1 1			
16	3 RD WEEK	5	Conditions for two spheres to be orthogonal, Radical plane, Coaxial system of spheres, Simplified form of the equation of two spheres.	<i>Add-on program ended.</i>	Teaching Classes PSS	3 2			
17	4 TH WEEK	6	Definitions of a cone, vertex, guiding curve, generators, Equation of the cone with a given vertex and guiding curve, Enveloping cone of a sphere,		Teaching Classes PSS	4 2			
18	5 TH WEEK	3	Equations of cones with vertex at origin are homogenous, Condition that the general equation of the second degree should represent a cone, Condition that a cone may have three mutually perpendicular generators,		Teaching Classes PSS	2 0	Class Room Seminar	1	
MONTH: MARCH					2017-18				
19	1 ST WEEK	2	Intersection of a line and a quadric cone, Tangent lines and tangent plane at a point,		Teaching Classes PSS	2 0	Study Project		
20	2 ND WEEK	5	Condition that a plane may touch a cone, Reciprocal cones, Intersection of two cones with a common vertex, Right circular cone, Equation of the right circular cone with a given vertex, axis and semi-vertical angle.		Teaching Classes PSS	4 1	Book Reviews		

21	3 RD WEEK	6	Definition of a cylinder, Equation to the cylinder whose generators intersect a give conic and are parallel to a given line, Enveloping cylinder of a sphere, The right circular cylinder, Equation of the right circular cylinder with a given axis and radius.		Teaching Classes PSS	4 1	Class Room Seminar	1	
22	4 th WEEK		SEMESTER END EXAMINATIONS - 2018						
MONTH: APRIL					2017-18				
23	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018						
24	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018						


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VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER I: DIFFERENTIAL EQUATIONS

Semester : I

CLASS: I B.Sc., (M.P.Cs. & M.P.C)

Name of the Lecturer : V.L.SUDHAKAR

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE - 2017									
1	4 TH WEEK	6	Orientation Class, Differential Equations Reducible to Linear Form		Orientation Class Teaching Classes PSS	2 2 2			
2	5 TH WEEK	4	Exact Differential Equations, Integrating Factors		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: JULY - 2017									
3	1 ST WEEK	6	Integrating Factors, Change of Variables		Teaching Classes PSS	4 2			
4	2 ND WEEK	6	Orthogonal Trajectories		Teaching Classes PSS	4 2			
5	3 RD WEEK	6	Equations solvable for p, Equations solvable for x		Teaching Classes PSS	4 2			
6	4 TH WEEK	6	Equations solvable for y, Equations that do not contain x (or y), Equations of the first degree in x and y – Clairaut's Equation		Teaching Classes PSS	4 1	Class Room Seminar	1	

MONTH: AUGUST - 2017									
7	1 ST WEEK	3	I MID Exams		Teaching Classes PSS	2 1			
8	2 ND WEEK	5	Solution of homogeneous linear differential equations of order n with constant coefficients		Teaching Classes PSS	4 1			
9	3 RD WEEK	4	Solution of the non-homogeneous linear differential equations with constant coefficients by means of polynomial operators. P.I. of $f(D)y = Q$ where Q is exponential function		Teaching Classes PSS	3 1			
10	4 TH WEEK	5	P.I. of $f(D)y = Q$ when Q is $b \sin ax$ or $b \cos ax$. General Solution of $f(D)y=Q$ when Q is a function of x.		Teaching Classes PSS	3 2			
11	5 TH WEEK	4	P.I. of $f(D)y = Q$ when $Q = bx^k$, P.I. of $f(D)y = Q$ when $Q = e^{ax}V$		Teaching Classes PSS	3 0	Class Room Seminar	1	
MONTH: SEPTEMBER - 2017									
12	1 ST WEEK	1	Problems Solving Session		Teaching Classes PSS	1 0			
13	2 ND WEEK	2	II MID Exams P.I. of $f(D)y = Q$ when $Q = xV$,		Teaching Classes PSS	1 1			
14	3 RD WEEK	6	P.I. of $f(D)y = Q$ when $Q = xmV$		Teaching Classes PSS	4 2			

15	4 th WEEK	6	Method of variation of parameters		Teaching Classes PSS	4 1	Class Room Seminar	1	
16	5 th WEEK		Dasara Holidays						
MONTH: OCTOBER - 2017									
17	1 ST WEEK	5	Linear differential equations with non-constant coefficients		Teaching Classes PSS	3 2			
18	2 ND WEEK	5	The Cauchy-Euler equation		Teaching Classes PSS	4 1			
19	3 RD WEEK	5	Revision		PSS	4	Class Room Seminar	1	
20	4 th WEEK		SEMESTER END EXAMINATIONS - 2017						
MONTH: NOVEMBER - 2017									
21	1 ST WEEK		SEMESTER END EXAMINATIONS - 2017						
22	2 ND WEEK		PRACTICAL EXAMINATIONS - 2017						



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TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER III: ABSTRACT ALGEBRA

Semester : III

CLASS: II B.Sc., (M.P.Cs. & M.P.C.)

NAME OF THE LECTURER: V.L.SUDHAKAR

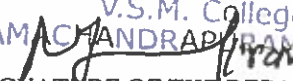
SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR ACTIVITY		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: JUNE					2017-18				
1	2 ND WEEK	5	Binary Operation – Algebraic structure – semi group – monoid – Group definition		Orientation Class Teaching Classes PSS	1 3 1			
2	3 RD WEEK	6	Problems solved on Group definition		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	elementary properties Finite and Infinite groups – examples		Teaching Classes PSS	4 2			
4	5 TH WEEK	4	order of a group. Composition tables with examples		Teaching Classes PSS	3 0	Class Room Seminar	1	
MONTH: JULY					2017-18				
5	1 ST WEEK	6	Union and Intersection of subgroups. Cosets Definition – properties of Cosets		Teaching Classes PSS	4 2			
6	2 ND WEEK	6	Index of subgroups of a finite groups–Lagrange’s Theorem.		Teaching Classes PSS	4 2			
7	3 RD WEEK	6	Definition of normal subgroup – proper and improper normal subgroup–Hamilton group – criterion for a subgroup to be a normal subgroup		Teaching Classes PSS	4 2			

8	4 TH WEEK	6	Intersection of two normal subgroups – Sub group of index 2 is a normal sub group		Teaching Classes PSS	4 1	Class Room Seminar	1		
MONTH: AUGUST							2017-18			
9	1 ST WEEK	5	I MID Exams. Simple group – quotient group – criteria for the existence of a quotient group.		Teaching Classes PSS	3 2				
10	2 ND WEEK	5	Definition of homomorphism – Image of homomorphism elementary properties of homomorphism		Teaching Classes PSS	4 1				
11	3 RD WEEK	4	Isomorphism – automorphism definitions and elementary properties–kernel of a homomorphism		Teaching Classes PSS	2 2				
12	4 TH WEEK	5	fundamental theorem on Homomorphism and applications.		Teaching Classes PSS	3 2				
13	5 th WEEK	4	Definition of permutation – permutation multiplication		Teaching Classes PSS	3 0	Class Room Seminar	1		
MONTH: SEPTEMBER							2017-18			
14	1 ST WEEK	1	Problems Solving Session		PSS	1				
15	2 ND WEEK	2	II MID Exams. Inverse of a permutation – cyclic permutations – transposition		Teaching Classes PSS	1 1				
16	3 RD WEEK	6	Even and odd permutations – Cayley's theorem		Teaching Classes PSS	4 2				
17	4 th WEEK	6	Problems Solved		PSS	5	Class Room Seminar	1		

18	5 TH WEEK	0	DASARA HOLIDAYS							
MONTH: OCTOBER								2017-18		
19	1 ST WEEK	5	Definition of cyclic group – elementary properties		Teaching Classes PSS	3 2				
20	2 ND WEEK	5	classification of cyclic groups		Teaching Classes PSS	3 1	Class Room Seminar	1		
21	3 RD WEEK		PRACTICAL EXAMINATIONS - 2017							
22	4 TH WEEK		SEMESTER END EXAMINATIONS-2017							
MONTH: NOVEMBER								2017-18		
23	1 ST WEEK		SEMESTER END EXAMINATIONS-2017							



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VSM COLLEGE(A) :: RAMACHANDRAPURAM

TABLE – A - CURRICULUM PLAN – LECTURER WISE

DEPARTMENT: MATHEMATICS

PAPER IV: REAL ANALYSIS

Semester : IV

CLASS: II B.Sc., (M.P.Cs. & M.P.C.)


NAME OF THE LECTURER: V.L.SUDHAKAR


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY		CO-CURRICULAR		REMARKS
					ACTIVITY	HOURS ALLOTTED	ACTIVITY	HOURS ALLOTTED	
MONTH: NOVEMBER					2017-18				
1	1 ST WEEK	3	The algebraic and order properties of R, Absolute value and Real line,		Teaching Classes PSS	2 1			
2	2 ND WEEK	6	Completeness property of R, Applications of supreme property; intervals. No. Question is to be set from this portion. Sequences and their limits, Range and Boundedness of Sequences		Teaching Classes PSS	4 2			
3	4 TH WEEK	6	Limit of a sequence and Convergent sequence. The Cauchy's criterion, properly divergent sequences		Teaching Classes PSS	4 2			
4	5 th WEEK	4	Monotone sequences, Necessary and Sufficient condition for Convergence of Monotone Sequence, Limit Point of Sequence, Subsequences and the Bolzano-weierstrass theorem – Cauchy Sequences – Cauchy's general principle of convergence theorem.		Teaching Classes PSS	2 1	Class Room Seminar	1	
MONTH: DECEMBER					2017-18				
5	1 ST WEEK	1	Introduction to series, convergence of series. Cauchy's general principle of convergence for series tests for convergence of series, Series of Non-Negative Terms.		Teaching Classes PSS	0 1			
6	2 ND WEEK	5	1. P-test 2. Cauchy's n^{th} root test or Root Test. 3. D'Alembert's Test or Ratio Test.		Teaching Classes PSS	3 2			

7	3 RD WEEK	6	4. Alternating Series . Leibnitz Test. Absolute convergence and conditional convergence, semi convergenceLimits:		Teaching Classes PSS	4 2	QUIZ			
8	4 TH WEEK	3	I MID Exams Real valued Functions, Boundedness of a function, Limits of functions. Some extensions of the limit concept,		Teaching Classes PSS	2 1				
9	5 th WEEK	4	Limits of functions. Some extensions of the limit concept,		Teaching Classes PSS	2 1	Class Room Seminar	1		
MONTH: JANUARY							2017-18			
10	1 ST WEEK	6	Infinite Limits. Limits at infinity. No. Question is to be set from this portion Continuous functions: Continuous functions, Combinations of continuous functions,		Teaching Classes PSS	4 2				
11	2 ND WEEK	4	Continuous Functions on intervals,		Teaching Classes PSS	2 2				
12	3 RD WEEK	0	PONGAL HOLIDAYS							
13	4 TH WEEK	5	Uniform continuity.		Teaching Classes PSS	3 2				
14	5 th WEEK	3	The derivability of a function, on an interval, at a point, Derivability and continuity of a function, Graphical meaning of the Derivative,		Teaching Classes PSS	1 1	Class Room Seminar	1		
MONTH: FEBRUARY							2017-18			
15	1 ST WEEK	3	Mean value Theorems; Role's Theorem,		Teaching Classes PSS	2 1				

16	2 ND WEEK	2	II Mid Exams		PSS	2			
17	3 RD WEEK	5	Lagrange's Theorem, Cauchy's Cauchy's Mean value Theorem		Teaching Classes PSS	3 2			
18	4 th WEEK	6	Riemann Integral, Riemann integral functions, Darboux theorem. Necessary and sufficient condition for R – integrability,		Teaching Classes PSS	4 2			
19	5 th WEEK	3	Properties of integrable functions		Teaching Classes PSS	1 1	Class Room Seminar	1	
MONTH: MARCH									
2017-18									
20	1 ST WEEK	2	Properties of integrable functions	Computer System with LCD Projector / Black Board	Teaching Classes PSS	1 1	Study Project		
21	2 ND WEEK	5	Fundamental theorem of integral calculus	Computer System with LCD Projector / Black Board	Teaching Classes PSS	3 2	Book Reviews		
22	3 RD WEEK	6	Integral as the limit of a sum, Mean value Theorems.	Computer System with LCD Projector / Black Board	Teaching Classes PSS	4 1	Class Room Seminar	1	
23	4 th WEEK		SEMESTER END EXAMINATIONS - 2018						
MONTH: APRIL									
24	1 ST WEEK		SEMESTER END EXAMINATIONS - 2018						
25	2 ND WEEK		PRACTICAL EXAMINATIONS - 2018						


SIGNATURE OF THE LECTURER


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V.S.M COLLEGE : : RAMACHANDRAPURAM

TABLE – A : : CURRICULUM PLAN – LECTURER –WISE FOR THE ACADEMIC YEAR 2016–17
DEPARTMENT : MATHEMATICS **PAPER : I (DIFFERENTIAL EQUATIONS)**

CLASS : I B.Sc. FIRST SEMESTER


NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JULY													
1	1 ST WEEK	2	Differential equations of first order and first degree		Teaching Classes	2	Conducted						
2	2 ND WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted						
3	3 RD WEEK	6	Differential equations of first order and first degree		Teaching Classes Mid Examination	5 1	Conducted						
4	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	5 1	Conducted						
5	5 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted		Classroom Seminar	1	Conducted		
MONTH : AUGUST													
6	1 ST WEEK	6	I MID EXAMINATIONS				Conducted						
7	2 ND WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						
8	3 RD WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						

32	2 ND WEEK	2	Right Line		Teaching Classes	2							
33	3 RD WEEK	4	Right Line		Teaching Classes Problem solving Session	3 1							
34	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
35	5 TH WEEK	2	The Sphere		Teaching Classes	1			Classroom Seminar	1			
MONTH : FEBRUARY													
36	1 ST WEEK	4	The Sphere		Teaching Classes Problem solving Session	3 1							
37	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
38	3 RD WEEK	6	II MID EXAMINATIONS		Teaching Classes Problem solving Session	4 1			Classroom Seminar	1			
39	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
40	5 TH WEEK	2	The Sphere		Teaching Classes	2							
MONTH : MARCH													
41	1 ST WEEK	4	The Cone		Teaching Classes Problem solving Session	3 1			Study Projects				
42	2 ND WEEK	5	The Cylinder		Teaching Classes Problem solving	4 1			Book Reviews				
43	3 RD WEEK	5	The Cylinder		Teaching Classes Problem solving Session	4 1							

44	4 TH WEEK	5	The Central Conicoid											
45	5 TH WEEK	5	REVISION											
MONTH : APRIL														
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS											
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS											
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS											


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V.S.M COLLEGE : : RAMACHANDRAPURAM

TABLE – A : : CURRICULUM PLAN – LECTURER –WISE FOR THE ACADEMIC YEAR 2016–17

DEPARTMENT : MATHEMATICS

PAPER : III (ABSTRACT ALGEBRA)

CLASS : II B.Sc. THIRD SEMESTER

NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JUNE													
1	3 RD WEEK	3	GROUPS		Teaching Classes	2	<i>Excluded</i>						
2	4 TH WEEK	6	GROUPS		Teaching Classes Problem solving Session	3 1	<i>Conducted</i>						
3	5 TH WEEK	4	GROUPS		Teaching Classes Mid Examination	5 1	<i>Conducted</i>						
MONTH : JULY													
1	1 ST WEEK	2	GROUPS		Teaching Classes	2	<i>Excluded</i>						
2	2 ND WEEK	4	GROUPS		Teaching Classes Problem solving Session	3 1	<i>Conducted</i>						
3	3 RD WEEK	6	GROUPS		Teaching Classes Mid Examination	5 1	<i>Excluded</i>						

4	4 th WEEK	6	SUB GROUPS		Teaching Classes Problem solving Session	5 1	Completed						
5	5 th WEEK	6	SUB GROUPS		Teaching Classes Problem solving Session	4 1	Completed	Classroom Seminar	1	Completed			
MONTH : AUGUST													
6	1 st WEEK	6	I MID EXAMINATIONS										
7	2 nd WEEK	5	NORMAL SUB GROUPS		Teaching Classes Problem solving Session	4 1	Completed						
8	3 rd WEEK	5	NORMAL SUB GROUPS		Teaching Classes Problem solving Session	4 1	Completed						
9	4 th WEEK	5	NORMAL SUB GROUPS		Teaching Classes Problem solving Session	4 1	Completed						
10	5 th WEEK	3	HOMOMORPHISM		Teaching Classes	2	Completed	Classroom Seminar	1	Completed			
MONTH : SEPTEMBER													
11	1 st WEEK	3	HOMOMORPHISM		Teaching Classes	3	Completed						
12	2 nd WEEK	4	HOMOMORPHISM		Teaching Classes Problem solving Session	3 1	Completed						
13	3 rd WEEK	5	HOMOMORPHISM		Teaching Classes Problem solving Session	4 1	Completed						
14	4 th WEEK	6	II MID EXAMINATIONS										
15	5 th WEEK	5	HOMOMORPHISM		Teaching Classes Problem solving Session	3 1	Completed	Classroom Seminar	1	Completed			

MONTH : OCTOBER

16	1 ST WEEK	1	PERMUTATION GROUPS		Teaching Classes	1	Excluded						
17	2 ND WEEK	5	PERMUTATION GROUPS		Teaching Classes Problem solving Session	4 1	Excluded						
18	3 RD WEEK		Dasara Holidays										
19	4 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	5 1	Excluded						
20	5 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	4 1	Excluded	Classroom Seminar	1	Excluded			

MONTH : NOVEMBER

21	1 ST WEEK	5	REVISION										
22	2 ND WEEK	5	SEMESTER END EXAMINATIONS										
23	3 RD WEEK	6	SEMESTER END EXAMINATIONS										
24	4 TH WEEK	6	SEMESTER END EXAMINATIONS										

PAPER - IV (REAL ANALYSIS)

CLASS : II B.Sc. FOURTH SEMESTER

MONTH : NOVEMBER

25	5 TH WEEK	3	REAL NUMBERS		Teaching Classes	3	Excluded						
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MONTH : DECEMBER

26	1 ST WEEK	3	REAL SEQUENCES		Teaching Classes Problem solving Session	2 1	Excluded						
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38	3 RD WEEK	6	II MID EXAMINATIONS		Teaching Classes Problem solving Session	4 1			Classroom Seminar	1			
39	4 TH WEEK	5	DIFFERENTIATION AND MEAN VALUE THEORMS		Teaching Classes Problem solving Session	4 1							
40	5 TH WEEK	2	DIFFERENTIATION AND MEAN VALUE THEORMS		Teaching Classes	2							
MONTH : MARCH													
41	1 ST WEEK	4	RIEMANN INTEGRATION		Teaching Classes Problem solving Session	3 1			Study Projects				
42	2 ND WEEK	5	RIEMANN INTEGRATION		Teaching Classes Problem solving	4 1			Book Reviews				
43	3 RD WEEK	5	RIEMANN INTEGRATION		Teaching Classes Problem solving Session	4 1							
44	4 TH WEEK	5	RIEMANN INTEGRATION										
45	5 TH WEEK	5	REVISION										
MONTH : APRIL													
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS										
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS										
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS										


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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE - A : : CURRICULUM PLAN - LECTURER - WISE FOR THE ACADEMIC YEAR 2016-17

DEPARTMENT : MATHEMATICS

PAPER : III (LINEAR ALGEBRA AND VECTOR CALCULUS)

CLASS : III B.Sc.

NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JUNE													
1	3 RD WEEK	4	TEACHING PAPER - IV										
2	4 TH WEEK	8											
3	5 TH WEEK	5											
MONTH : JULY													
4	1 ST WEEK	3	TEACHING PAPER - IV										
5	2 ND WEEK	5											
6	3 RD WEEK	8											
7	4 TH WEEK	8											
8	5 TH WEEK	8											
MONTH : AUGUST													
9	1 ST WEEK	8	TEACHING PAPER - IV										
10	2 ND WEEK	7											
11	3 RD WEEK	7											
12	4 TH WEEK	7											
13	5 TH WEEK	4											

*Add-on Program
Started on
Aug 1-2016*

MONTH : SEPTEMBER

16	1 ST WEEK	4
17	2 ND WEEK	6
18	3 RD WEEK	7
19	4 TH WEEK	8
20	5 TH WEEK	7

TEACHING PAPER - IV

*Add on program
Entire on
Sep-09-2016*

MONTH : OCTOBER

21	1 ST WEEK	2	Vectorspace		Teaching Classes	2	<i>Excluded</i>						
22	2 ND WEEK	7	General properties of Vectorspaces, problems on vectorspace		Teaching Classes Problem solving Session	6 1	<i>Excluded</i>						
23	3 RD WEEK	3	Subspaces. Linear combination of vectors.		Teaching Classes Mid Examination	2 1	<i>Excluded</i>						
24	4 TH WEEK	8	Linear Span and Properties of Linear Span, Linear independence and dependence of vectors. Basis and Dimensions		Teaching Classes Problem solving Session	7 1	<i>Excluded</i>						
25	5 TH WEEK	8	Basis and Dimensions		Teaching Classes	7	<i>Excluded</i>		Classroom Seminar	1	<i>Excluded</i>		

MONTH : NOVEMBER

26	1 ST WEEK	6	Linear Transformations		Teaching Classes Problem solving Session	5 1	<i>Excluded</i>						
27	2 ND WEEK	7	Linear Transformations		Teaching Classes Problem solving Session	6 1	<i>Excluded</i>						
28	3 RD WEEK	8	Vector Space Isomorphism		Teaching Classes Problem solving Session	7 1	<i>Excluded</i>						
29	4 TH WEEK	8	Matrix Linear Transformation		Teaching Classes	7	<i>Excluded</i>		Classroom Seminar	1	<i>Excluded</i>		
30	5 TH WEEK	4	Characteristic values and Characteristic vectors.		Teaching Classes	4	<i>Excluded</i>						

MONTH : DECEMBER													
31	1 ST WEEK	4	Half - Yealy Examinations										
32	2 ND WEEK	7	Characteristic values and Characteristic vectors.		Teaching Classes Problem solving Session	6 1	Conducted						
33	3 RD WEEK	8	Inner product space		Teaching Classes Problem solving Session	7 1	Conducted						
34	4 TH WEEK	7	Inner product space		Teaching Classes Problem solving Session	6 1	Conducted						
35	5 TH WEEK	6	Multiple Integrals		Teaching Classes	5	Conducted	Classroom Seminar	1	Conducted			
MONTH : JANUARY													
36	1 ST WEEK	8	Multiple Integrals		Teaching Classes Mid Examination	7 1							
37	2 ND WEEK	3	Multiple Integrals		Teaching Classes	3							
38	3 RD WEEK	4	Vector Differentiation		Teaching Classes	4							
39	4 TH WEEK	6	Vector Integration		Teaching Classes	6							
40	5 TH WEEK	3	REVISION		Teaching Classes	2		Classroom Seminar	1				

MONTH : FEBRUARY												
41	1 ST WEEK	5	REVISION							Study Projects		
42	2 ND WEEK	6	REVISION							Book Reviews		
43	3 RD WEEK	8	REVISION									
44	4 TH WEEK	6	REVISION									



SIGNATURE OF THE LECTURER



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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE – A :: CURRICULUM PLAN – LECTURER – WISE FOR THE ACADEMIC YEAR 2016–17

DEPARTMENT: MATHEMATICS

PAPER : IV (NUMERICAL ANALYSIS)

CLASS : III B.Sc.


NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JUNE													
1	3 RD WEEK	8	Errors and Their Accuracy		Teaching Classes Problem solving session	7 1	Conducted						
2	4 TH WEEK	8	Finite Differences and Interpolation		Teaching Classes Problem solving session	6 1	Conducted		Classroom Seminar	1	Conducted		
3	5 TH WEEK	2	Finite Differences and Interpolation		Teaching Classes	2	Conducted						
MONTH : JULY													
4	1 ST WEEK	8	Finite Differences and Interpolation		Teaching Classes Problem solving session	7 1	Conducted						
5	2 ND WEEK	6	Solutions of Algebraic and Transcendental Equations		Teaching Classes Problem solving session	5 1	Conducted						
6	3 RD WEEK	8	Solutions of Algebraic and Transcendental Equations		Teaching Classes Problem solving session	7 1	Conducted						
7	4 TH WEEK	8	Curve Fitting		Teaching Classes Problem solving session	7 1	Conducted						
8	5 TH WEEK	3	Curve Fitting		Teaching Classes	2	Conducted		Classroom Seminar	1	Conducted		

MONTH : AUGUST 2013										
9	1 ST WEEK	8	Curve Fitting		Teaching Classes Problem solving session	7 1	Conducted			
10	2 ND WEEK	7	Solutions of Simultaneous Linear System of Equations		Teaching Classes Problem solving session	6 1	Conducted			
11	3 RD WEEK	7	Solutions of Simultaneous Linear System of Equations		Teaching Classes Problem solving session	6 1	Conducted			
12	4 TH WEEK	8	Numerical Integration		Teaching Classes Problem solving session	6 1	Conducted	Classroom Seminar	1	Conducted
13	5 TH WEEK	2	Numerical Integration		Teaching Classes	2	Conducted			
MONTH : SEPTEMBER 2013										
16	1 ST WEEK	8	Numerical Integration Numerical Differentiation		Teaching Classes Problem solving session	7 1	Conducted			
17	2 ND WEEK	6	Numerical Solutions of Ordinary Differential Equations		Teaching Classes Problem solving session	5 1	Conducted			
18	3 RD WEEK	8	Numerical Solutions of Ordinary Differential Equations		Teaching Classes	7	Conducted	Classroom Seminar	1	Conducted
19	4 TH WEEK	8	REVISION		Teaching Classes	8	Conducted	Study Projects		Conducted
20	5 TH WEEK	3	REVISION		Teaching Classes	3	Conducted	Book Reviews		Conducted
MONTH : OCTOBER 2013										
21	1 ST WEEK	8	TEACHING PAPER - III							
22	2 ND WEEK	6								
23	3 RD WEEK	8								
24	4 TH WEEK	6								
25	5 TH WEEK	4								

MONTH : NOVEMBER2013																		
26	1 ST WEEK	6	TEACHING PAPER - III															
27	2 ND WEEK	6																
28	3 RD WEEK	8																
29	4 TH WEEK	8																
30	5 TH WEEK	2																
MONTH : DECEMBER2013																		
31	1 ST WEEK	8	TEACHING PAPER - III															
32	2 ND WEEK	6																
33	3 RD WEEK	8																
34	4 TH WEEK	4																
35	5 TH WEEK	4																
MONTH : JANUARY2014																		
36	1 ST WEEK	8	TEACHING PAPER - III															
37	2 ND WEEK	3																
38	3 RD WEEK	4																
39	4 TH WEEK	6																
40	5 TH WEEK	4																
MONTH : FEBRUARY2014																		
41	1 ST WEEK	5	REVISION															
42	2 ND WEEK	6	REVISION															
43	3 RD WEEK	8	REVISION															
44	4 TH WEEK	6	REVISION															


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TABLE – A : : CURRICULUM PLAN – LECTURER –WISE FOR THE ACADEMIC YEAR 2016–17
DEPARTMENT : MATHEMATICS **PAPER : I (DIFFERENTIAL EQUATIONS)**

CLASS : I B.Sc. FIRST SEMESTER

NAME OF THE LECTURER : Smt. K.NAGA MANI M.Sc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JULY													
1	1 ST WEEK	2	Differential equations of first order and first degree		Teaching Classes	2	Conducted						
2	2 ND WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted						
3	3 RD WEEK	6	Differential equations of first order and first degree		Teaching Classes Mid Examination	5 1	Conducted						
4	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	5 1	Conducted						
5	5 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted	Classroom Seminar	1	Conducted			
MONTH : AUGUST													
6	1 ST WEEK	6	I MID EXAMINATIONS										
7	2 ND WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						
8	3 RD WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						

32	2 ND WEEK	2	Right Line		Teaching Classes	2							
33	3 RD WEEK	4	Right Line		Teaching Classes Problem solving Session	3 1							
34	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
35	5 TH WEEK	2	The Sphere		Teaching Classes	1			Classroom Seminar	1			

MONTH : FEBRUARY

36	1 ST WEEK	4	The Sphere		Teaching Classes Problem solving Session	3 1							
37	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
38	3 RD WEEK	6	II MID EXAMINATIONS		Teaching Classes Problem solving Session	4 1			Classroom Seminar	1			
39	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
40	5 TH WEEK	2	The Sphere		Teaching Classes	2							

MONTH : MARCH

41	1 ST WEEK	4	The Cone		Teaching Classes Problem solving Session	3 1			Study Projects				
42	2 ND WEEK	5	The Cylinder		Teaching Classes Problem solving	4 1			Book Reviews				
43	3 RD WEEK	5	The Cylinder		Teaching Classes Problem solving Session	4 1							

44	4 TH WEEK	5	The Central Conicoid											
45	5 TH WEEK	5	REVISION											
MONTH : APRIL														
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS											
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS											
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS											

K.V. Deepa

SIGNATURE OF THE LECTURER

N.S.V. Kiran Kumar

SIGNATURE OF THE DEPARTMENT I/C

N.S.V. Kiran Kumar
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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE - A : : CURRICULUM PLAN - LECTURER -WISE FOR THE ACADEMIC YEAR 2016-17

DEPARTMENT : MATHEMATICS

PAPER : III (ABSTRACT ALGEBRA)

CLASS : II B.Sc. THIRD SEMESTER

NAME OF THE LECTURER : Smt. K.NAGA MANI M.Sc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED IF NOT, ALTERNATE DATE	
MONTH : JUNE											
1	3 RD WEEK	3	GROUPS		Teaching Classes	2	Conducted				
2	4 TH WEEK	6	GROUPS		Teaching Classes Problem solving Session	3 1	Conducted				
3	5 TH WEEK	4	GROUPS		Teaching Classes Mid Examination	5 1	Conducted				
MONTH : JULY											
1	1 ST WEEK	2	GROUPS		Teaching Classes	2	Conducted				
2	2 ND WEEK	4	GROUPS		Teaching Classes Problem solving Session	3 1	Conducted				
3	3 RD WEEK	6	GROUPS		Teaching Classes Mid Examination	5 1	Conducted				

4	4 TH WEEK	6	SUB GROUPS	Teaching Classes Problem solving Session	5 1	<i>Excluded</i>							
5	5 TH WEEK	6	SUB GROUPS	Teaching Classes Problem solving Session	4 1	<i>Excluded</i>	Classroom Seminar	1	<i>Excluded</i>				
MONTH : AUGUST													
6	1 ST WEEK	6	I MID EXAMINATIONS										
7	2 ND WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	<i>Excluded</i>							
8	3 RD WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	<i>Excluded</i>							
9	4 TH WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	<i>Excluded</i>							
10	5 TH WEEK	3	HOMOMORPHISM	Teaching Classes	2	<i>Excluded</i>	Classroom Seminar	1	<i>Excluded</i>				
MONTH : SEPTEMBER													
11	1 ST WEEK	3	HOMOMORPHISM	Teaching Classes	3	<i>Excluded</i>							
12	2 ND WEEK	4	HOMOMORPHISM	Teaching Classes Problem solving Session	3 1	<i>Excluded</i>							
13	3 RD WEEK	5	HOMOMORPHISM	Teaching Classes Problem solving Session	4 1	<i>Excluded</i>							
14	4 TH WEEK	6	II MID EXAMINATIONS										
15	5 TH WEEK	5	HOMOMORPHISM	Teaching Classes Problem solving Session	3 1	<i>Excluded</i>	Classroom Seminar	1	<i>Excluded</i>				

MONTH : OCTOBER													
16	1 ST WEEK	1	PERMUTATION GROUPS		Teaching Classes	1	Completed						
17	2 ND WEEK	5	PERMUTATION GROUPS		Teaching Classes Problem solving Session	4 1	Completed						
18	3 RD WEEK		Dasara Holidays										
19	4 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	5 1	Completed						
20	5 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	4 1	Completed	Classroom Seminar	1	Completed			
MONTH : NOVEMBER													
21	1 ST WEEK	5	REVISION										
22	2 ND WEEK	5	SEMESTER END EXAMINATIONS										
23	3 RD WEEK	6	SEMESTER END EXAMINATIONS										
24	4 TH WEEK	6	SEMESTER END EXAMINATIONS										
PAPER - IV REAL ANALYSIS)													
CLASS : II B.Sc. FOURTH SEMESTER													
MONTH : NOVEMBER													
25	5 TH WEEK	3	REAL NUMBERS		Teaching Classes	3	Completed						
MONTH : DECEMBER													
26	1 ST WEEK	3	REAL SEQUENCES		Teaching Classes Problem solving Session	2 1	Completed						

38	3 RD WEEK	6	II MID EXAMINATIONS		Teaching Classes Problem solving Session	4 1			Classroom Seminar	1			
39	4 TH WEEK	5	DIFFERENTIATION AND MEAN VALUE THEORMS		Teaching Classes Problem solving Session	4 1							
40	5 TH WEEK	2	DIFFERENTIATION AND MEAN VALUE THEORMS		Teaching Classes	2							
MONTH : MARCH													
41	1 ST WEEK	4	RIEMANN INTEGRATION		Teaching Classes Problem solving Session	3 1			Study Projects				
42	2 ND WEEK	5	RIEMANN INTEGRATION		Teaching Classes Problem solving	4 1			Book Reviews				
43	3 RD WEEK	5	RIEMANN INTEGRATION		Teaching Classes Problem solving Session	4 1							
44	4 TH WEEK	5	RIEMANN INTEGRATION										
45	5 TH WEEK	5	REVISION										
MONTH : APRIL													
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS										
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS										
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS										

K.V. Deepak
SIGNATURE OF THE LECTURER

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V.S.M COLLEGE : : RAMACHANDRAPURAM

TABLE – A : : CURRICULUM PLAN – LECTURER –WISE FOR THE ACADEMIC YEAR 2016–17

DEPARTMENT : MATHEMATICS

PAPER : I (DIFFERENTIAL EQUATIONS)

CLASS : I B.Sc. FIRST SEMESTER

NAME OF THE LECTURER : G.N.UMA MAHESWARI M.Sc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	
MONTH : JULY												
1	1 ST WEEK	2	Differential equations of first order and first degree		Teaching Classes	2	Conducted					
2	2 ND WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted					
3	3 RD WEEK	6	Differential equations of first order and first degree		Teaching Classes Mid Examination	5 1	Conducted					
4	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	5 1	Conducted					
5	5 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted		Classroom Seminar	1	Conducted	
MONTH : AUGUST												
6	1 ST WEEK	6	I MID EXAMINATIONS									
7	2 ND WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted					
8	3 RD WEEK	5	Differential Equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted					

22	2 ND WEEK	5	SEMESTER END EXAMINATIONS											
23	3 RD WEEK	6	SEMESTER END EXAMINATIONS											
24	4 TH WEEK	6	SEMESTER END EXAMINATIONS											

PAPER - II (SOLID GEOMETRY)

CLASS : I B.Sc. SECOND SEMESTER

MONTH : NOVEMBER

25	5 TH WEEK	3	The Plane		Teaching Classes	3	<i>Conducted</i>							
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MONTH : DECEMBER

26	1 ST WEEK	3	The Plane		Teaching Classes Problem solving Session	2 1	<i>Conducted</i>							
27	2 ND WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	<i>Conducted</i>							
28	3 RD WEEK	6	The Plane		Teaching Classes Problem solving Session	5 1	<i>Conducted</i>							
29	4 TH WEEK	5	Right Line		Teaching Classes Problem solving Session	4 1	<i>Conducted</i>							
30	5 TH WEEK	5	Right Line		Teaching Classes Problem solving Session	3 1	<i>Conducted</i>	Classroom Seminar	1	<i>Conducted</i>				

MONTH : JANUARY

31	1 ST WEEK	6	I MID EXAMINATIONS	<i>Add-on Program started 130 days</i>										
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130 days

32	2 ND WEEK	2	Right Line		Teaching Classes	2							
33	3 RD WEEK	4	Right Line		Teaching Classes Problem solving Session	3 1							
34	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
35	5 TH WEEK	2	The Sphere		Teaching Classes	1			Classroom Seminar	1			

MONTH : FEBRUARY

36	1 ST WEEK	4	The Sphere		Teaching Classes Problem solving Session	3 1							
37	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
38	3 RD WEEK	6	II MID EXAMINATIONS	<i>Add-on Program Ended.</i>	Teaching Classes Problem solving Session	4 1			Classroom Seminar	1			
39	4 TH WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1							
40	5 TH WEEK	2	The Sphere		Teaching Classes	2							

MONTH : MARCH

41	1 ST WEEK	4	The Cone		Teaching Classes Problem solving Session	3 1			Study Projects				
42	2 ND WEEK	5	The Cylinder		Teaching Classes Problem solving	4 1			Book Reviews				
43	3 RD WEEK	5	The Cylinder		Teaching Classes Problem solving Session	4 1							

44	4 TH WEEK	5	The Central Conicoid											
45	5 TH WEEK	5	REVISION											
MONTH : APRIL														
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS											
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS											
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS											

G.N.V. Mahi
SIGNATURE OF THE LECTURER

N.S.V. Kiran Kumar
SIGNATURE OF THE DEPARTMENT I/C

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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE - A : : CURRICULUM PLAN - LECTURER -WISE FOR THE ACADEMIC YEAR 2016-17

DEPARTMENT : MATHEMATICS

PAPER : III (ABSTRACT ALGEBRA)

CLASS : II B.Sc. THIRD SEMESTER

NAME OF THE LECTURER : G.N.UMA MAHESWARI M.Sc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY			CO-CURRICULAR ACTIVITY			REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED IF NOT, ALTERNATE DATE	
MONTH : JUNE											
1	3 RD WEEK	3	GROUPS		Teaching Classes	2	Conducted				
2	4 TH WEEK	6	GROUPS		Teaching Classes Problem solving Session	3 1	Conducted				
3	5 TH WEEK	4	GROUPS		Teaching Classes Mid Examination	5 1	Conducted				
MONTH : JULY											
1	1 ST WEEK	2	GROUPS		Teaching Classes	2	Conducted				
2	2 ND WEEK	4	GROUPS		Teaching Classes Problem solving Session	3 1	Conducted				
3	3 RD WEEK	6	GROUPS		Teaching Classes Mid Examination	5 1	Conducted				

4	4 TH WEEK	6	SUB GROUPS	Teaching Classes Problem solving Session	5 1	Excluded							
5	5 TH WEEK	6	SUB GROUPS	Teaching Classes Problem solving Session	4 1	Excluded	Classroom Seminar	1	Excluded				
MONTH : AUGUST													
6	1 ST WEEK	6	I MID EXAMINATIONS										
7	2 ND WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	Excluded							
8	3 RD WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	Excluded							
9	4 TH WEEK	5	NORMAL SUB GROUPS	Teaching Classes Problem solving Session	4 1	Excluded							
10	5 TH WEEK	3	HOMOMORPHISM	Teaching Classes	2	Excluded	Classroom Seminar	1	Excluded				
MONTH : SEPTEMBER													
11	1 ST WEEK	3	HOMOMORPHISM	Teaching Classes	3	Excluded							
12	2 ND WEEK	4	HOMOMORPHISM	Teaching Classes Problem solving Session	3 1	Excluded							
13	3 RD WEEK	5	HOMOMORPHISM	Teaching Classes Problem solving Session	4 1	Excluded							
14	4 TH WEEK	6	II MID EXAMINATIONS										
15	5 TH WEEK	5	HOMOMORPHISM	Teaching Classes Problem solving Session	3 1	Excluded	Classroom Seminar	1	Excluded				

MONTH : OCTOBER													
16	1 ST WEEK	1	PERMUTATION GROUPS		Teaching Classes	1	Graded						
17	2 ND WEEK	5	PERMUTATION GROUPS		Teaching Classes Problem solving Session	4 1	Graded						
18	3 RD WEEK		Dasara Holidays										
19	4 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	5 1	Graded						
20	5 TH WEEK	6	CYCLIC GROUPS		Teaching Classes Problem solving Session	4 1	Graded	Classroom Seminar	1	Graded			
MONTH : NOVEMBER													
21	1 ST WEEK	5	REVISION										
22	2 ND WEEK	5	SEMESTER END EXAMINATIONS										
23	3 RD WEEK	6	SEMESTER END EXAMINATIONS										
24	4 TH WEEK	6	SEMESTER END EXAMINATIONS										
PAPER - IV REAL ANALYSIS)													
CLASS : II B.Sc. FOURTH SEMESTER													
MONTH : NOVEMBER													
25	5 TH WEEK	3	REAL NUMBERS		Teaching Classes	3	Graded						
MONTH : DECEMBER													
26	1 ST WEEK	3	REAL SEQUENCES		Teaching Classes Problem solving Session	2 1	Graded						

27	2 ND WEEK	5	REAL SEQUENCES	Teaching Classes Problem solving Session	4 1	Conducted							
28	3 RD WEEK	6	REAL SEQUENCES	Teaching Classes Problem solving Session	5 1	Conducted							
29	4 TH WEEK	5	REAL SEQUENCES	Teaching Classes Problem solving Session	4 1	Conducted							
30	5 TH WEEK	5	INFINITE SERIES	Teaching Classes Problem solving Session	3 1	Conducted	Classroom Seminar	1	Conducted				

MONTH : JANUARY

31	1 ST WEEK	6	I MID EXAMINATIONS										
32	2 ND WEEK	2	INFINITE SERIES	Teaching Classes	2								
33	3 RD WEEK	4	INFINITE SERIES	Teaching Classes Problem solving Session	3 1								
34	4 TH WEEK	5	LIMITS AND CONTINUITY	Teaching Classes Problem solving Session	4 1								
35	5 TH WEEK	2	LIMITS AND CONTINUITY	Teaching Classes	1		Classroom Seminar	1					

MONTH : FEBRUARY

36	1 ST WEEK	4	LIMITS AND CONTINUITY	Teaching Classes Problem solving Session	3 1								
37	2 ND WEEK	5	DIFFERENTIATION AND MEAN VALUE THEORMS	Teaching Classes Problem solving Session	4 1								

38	3 RD WEEK	6	II MID EXAMINATIONS	Teaching Classes Problem solving Session	4 1			Classroom Seminar	1				
39	4 TH WEEK	5	DIFFERENTIATION AND MEAN VALUE THEORMS	Teaching Classes Problem solving Session	4 1								
40	5 TH WEEK	2	DIFFERENTIATION AND MEAN VALUE THEORMS	Teaching Classes	2								
MONTH : MARCH													
41	1 ST WEEK	4	RIEMANN INTEGRATION	Teaching Classes Problem solving Session	3 1			Study Projects					
42	2 ND WEEK	5	RIEMANN INTEGRATION	Teaching Classes Problem solving	4 1			Book Reviews					
43	3 RD WEEK	5	RIEMANN INTEGRATION	Teaching Classes Problem solving Session	4 1								
44	4 TH WEEK	5	RIEMANN INTEGRATION										
45	5 TH WEEK	5	REVISION										
MONTH : APRIL													
46	1 ST WEEK	1	SEMESTER END EXAMINATIONS										
47	2 ND WEEK	4	SEMESTER END EXAMINATIONS										
48	3 RD WEEK	5	SEMESTER END EXAMINATIONS										

G.N.V. Mah
SIGNATURE OF THE LECTURER

N.S.V. Kiran Kumar
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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE - A :: CURRICULUM PLAN - LECTURER - WISE FOR THE ACADEMIC YEAR 2015-16

DEPARTMENT : MATHEMATICS

PAPER : I (DIFFERENTIAL EQUATIONS)

CLASS : I B.Sc. FIRST SEMESTER

NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JULY													
4	1 ST WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted						
5	2 ND WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted						
6	3 RD WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted						
7	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	5 1	Conducted						
8	5 TH WEEK	5	Differential equations of first order but not of first degree		Teaching Classes Problem solving Session	3 1	Conducted	Classroom Seminar	1	Conducted			
MONTH : AUGUST													
9	1 ST WEEK	1	Differential equations of first order but not of first degree		Teaching Classes	1	Conducted						

10	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
11	3 RD WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
12	4 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted	Classroom Seminar	1	Conducted			
13	5 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	5 1	Conducted						

MONTH : SEPTEMBER

16	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2	Conducted						
17	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
18	3 RD WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
19	4 TH WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
20	5 TH WEEK	3	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes	2	Conducted	Classroom Seminar	1	Conducted			

MONTH : OCTOBER

21	1 ST WEEK	2	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Problem solving Session	2	Conducted						
22	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	2	Conducted						
23	3 RD WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	5 1	Conducted						

24	4 th WEEK	0	DASARA HOLIDAYS										
25	5 th WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	4 1	<i>Conducted</i>		Classroom Seminar	1	<i>Conducted</i>		

MONTH : NOVEMBER

26	1 ST WEEK	6	REVISION		Teaching Classes	6	<i>Conducted</i>		Book Reviews		<i>Conducted</i>		
27	2 ND WEEK	4	REVISION		Teaching Classes	4	<i>Conducted</i>						

PAPER - II (SOLID GEOMETRY)

CLASS : I B.Sc. SECOND SEMESTER

MONTH : DECEMBER

31	1 ST WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	<i>Conducted</i>						
32	2 ND WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	<i>Conducted</i>						
33	3 RD WEEK	6	The Plane		Teaching Classes Problem solving Session	5 1	<i>Conducted</i>						
34	4 th WEEK	3	Right Line		Teaching Classes Problem solving Session	2 1	<i>Conducted</i>		Quiz		<i>Conducted</i>		
35	5 th WEEK	4	Right Line		Teaching Classes Problem solving Session	2 1	<i>Conducted</i>		Classroom Seminar	1	<i>Conducted</i>		

MONTH : JANUARY


36	1 ST WEEK	2	Right Line		Teaching Classes	2		Conducted				
37	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	2		Conducted				
38	3 RD WEEK	0	PONGAL HOLIDAYS					Conducted				
39	4 TH WEEK	6	Right Line		Teaching Classes Problem solving Session	5 1		Conducted				
40	5 TH WEEK	5	Right Line		Teaching Classes Problem solving Session	3 1		Conducted	Classroom Seminar	1	Conducted	


MONTH : FEBRUARY

41	1 ST WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1		Conducted	Study Projects		Conducted	
42	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1		Conducted	Book Reviews		Conducted	
43	3 RD WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1		Conducted				
44	4 TH WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1		Conducted				
44	5 TH WEEK	1	The Sphere		Problem solving Session	1		Conducted				

MONTH : MARCH												
41	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2			Study Projects	Conducted		
42	2 ND WEEK	4	The Cone		Teaching Classes Problem solving	3 1			Book Reviews	Conducted		
43	3 RD WEEK	6	The Cone		Teaching Classes Problem solving Session	5 1						
44	4 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1						
44	5 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1						
MONTH : APRIL												
41	1 ST WEEK	2	The Central Conicoid		Teaching Classes	2			Study Projects			
42	2 ND WEEK	3	REVISION						Book Reviews			
43	3 RD WEEK	3	REVISION									


SIGNATURE OF THE LECTURER


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V.S.M COLLEGE : : RAMACHANDRAPURAM

TABLE - A : : CURRICULUM PLAN - LECTURER - WISE FOR THE ACADEMIC YEAR 2015-16

DEPARTMENT : MATHEMATICS

PAPER : III (LINEAR ALGEBRA AND VECTOR CALCULUS)

CLASS : III B.Sc.

NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JUNE													
1	3 RD WEEK	3	TEACHING PAPER - IV										
2	4 TH WEEK	6											
3	5 th WEEK	2											
MONTH : JULY													
4	1 ST WEEK	4	TEACHING PAPER - IV										
5	2 ND WEEK	5											
6	3 RD WEEK	5											
7	4 TH WEEK	6											
8	5 th WEEK	5											
MONTH : AUGUST													
9	1 ST WEEK	1	TEACHING PAPER - IV										
10	2 ND WEEK	5											
11	3 RD WEEK	5											
12	4 TH WEEK	6											
13	5 th WEEK	6											

MONTH : SEPTEMBER

16	1 ST WEEK	5	TEACHING PAPER - IV									
17	2 ND WEEK	5										
18	3 RD WEEK	5										
19	4 TH WEEK	5										
20	5 th WEEK	3										

MONTH : OCTOBER

21	1 ST WEEK	2	Vectorspace, General properties of Vectorspaces, problems on vectorspace		Teaching Classes	2	Conducted						
22	2 ND WEEK	5	Subspaces, Linear combination of vectors, Linear Span and Properties of Linear Span, Linear independence and dependence of vectors.		Teaching Classes Problem solving Session	4 1	Conducted						
23	3 RD WEEK	6	Basis and Dimensions.		Teaching Classes Mid Examination	4 2	Conducted						
24	4 th WEEK	0	DASARA HOLIDAYS										
25	5 th WEEK	6	Basis and Dimensions		Teaching Classes Mid Examination	4 1	Conducted	Classroom Seminar	1	Conducted			

MONTH : NOVEMBER

26	1 ST WEEK	6	Linear Transformations		Teaching Classes Problem solving Session	5 1	Conducted						
27	2 ND WEEK	4	Linear Transformations		Teaching Classes Problem solving Session	3 1	Conducted						
28	3 RD WEEK	6	Vector Space Isomorphism, Half Yearly Exams		Teaching Classes Problem solving Session	2 1	Conducted						
29	4 th WEEK	6	Half Yearly Exams, Vector Space Isomorphism		Teaching Classes Problem solving Session	2 1	Conducted	Classroom Seminar	1	Conducted			
30	5 th WEEK	1	Matrix Linear Transformation		Teaching Classes	1	Conducted						

MONTH : DECEMBER

31	1 ST WEEK	5	Characterstic values and Characterstic vectors.		Teaching Classes Problem solving Session	4 1	Conducted						
32	2 ND WEEK	5	Characterstic values and Characterstic vectors. Inner product space		Teaching Classes Problem solving Session	4 1	Conducted						
33	3 RD WEEK	6	Inner product space		Teaching Classes Problem solving Session	5 1	Conducted						
34	4 th WEEK	3	Inner product space		Teaching Classes Problem solving Session	2 1	Conducted		QUIZ		Conducted		
35	5 th WEEK	4	Multiple Integrals		Teaching Classes Problem solving Session	2 1	Conducted		Classroom Seminar	1	Conducted		

MONTH : JANUARY

36	1 ST WEEK	2	Multiple Integrals	Add-on Program Started Today	Mid Examination	2	Conducted						
37	2 ND WEEK	5	Multiple Integrals		Teaching Classes Problem solving Session	4 1	Conducted						
38	3 RD WEEK	0	PONGAL HOLIDAYS										
39	4 TH WEEK	6	Vector Differentiation		Teaching Classes Problem solving Session	5 1	Conducted						
40	5 th WEEK	5	Vector Integration		Teaching Classes Problem solving Session	3 1	Conducted		Classroom Seminar	1	Conducted		

MONTH : FEBRUARY												
41	1 ST WEEK	6	REVISION						Study Projects	<i>conducted</i>		
42	2 ND WEEK	5	REVISION	<i>Add-on Program Endet.</i>					Book Reviews	<i>conducted</i>		
43	3 RD WEEK		A.U. PRACTICAL EXAMINATIONS - 2016									
44	4 TH WEEK		A.U. PRACTICAL EXAMINATIONS - 2016									

N.S.V. Kiran Kumar
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TABLE – A :: CURRICULUM PLAN – LECTURER –WISE FOR THE ACADEMIC YEAR 2015–16

DEPARTMENT: MATHEMATICS

PAPER : IV (NUMERICAL ANALYSIS)

CLASS : III B.Sc.


NAME OF THE LECTURER : N.S.V.KIRAN KUMAR M.Sc., M.Phil., B.Ed.


SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JUNE													
1	3 RD WEEK	3	Errors and Their Accuracy		Teaching Classes Problem solving session	2 1	conducted						
2	4 TH WEEK	6	Errors and Their Accuracy Finite Differences and Interpolation		Teaching Classes Problem solving session	4 1	conducted	Classroom Seminar	1	conducted			
3	5 th WEEK	2	Finite Differences and Interpolation		Teaching Classes	2	conducted						
MONTH : JULY													
4	1 ST WEEK	4	Finite Differences and Interpolation		Teaching Classes Problem solving session	3 1	conducted						
5	2 ND WEEK	5	Solutions of Algebraic and Transcendental Equations		Teaching Classes Problem solving session	4 1	conducted						
6	3 RD WEEK	5	Solutions of Algebraic and Transcendental Equations		Teaching Classes Problem solving session	4 1	conducted						
7	4 TH WEEK	6	Curve Fitting		Teaching Classes Problem solving session	5 1	conducted						
8	5 th WEEK	5	Curve Fitting		Teaching Classes Problem solving session	3 1	conducted	Classroom Seminar	1	conducted			

MONTH : AUGUST										
9	1 ST WEEK	1	Curve Fitting		Teaching Classes	1	conducted			
10	2 ND WEEK	5	Solutions of Simultaneous Linear System of Equations		Teaching Classes Problem solving session	4 1	conducted			
11	3 RD WEEK	5	Solutions of Simultaneous Linear System of Equations		Teaching Classes Problem solving session	4 1	conducted			
12	4 TH WEEK	6	Numerical Integration		Teaching Classes Problem solving session	4 1	conducted	Classroom Seminar	1	conducted
13	5 TH WEEK	6	Numerical Integration		Teaching Classes Problem solving session	5 1	conducted			
MONTH : SEPTEMBER										
16	1 ST WEEK	5	Numerical Integration Numerical Differentiation		Teaching Classes Problem solving session	4 1	conducted			
17	2 ND WEEK	5	Numerical Solutions of Ordinary Differential Equations		Teaching Classes Problem solving session	4 1	conducted			
18	3 RD WEEK	5	Numerical Solutions of Ordinary Differential Equations		Teaching Classes	4	conducted	Classroom Seminar	1	conducted
19	4 TH WEEK	5	REVISION		Teaching Classes	5	conducted	Study Projects		conducted
20	5 TH WEEK	3	REVISION		Teaching Classes	3	conducted	Book Reviews		conducted
MONTH : OCTOBER										
21	1 ST WEEK	2	TEACHING PAPER - III & Mid Examination - I							
22	2 ND WEEK	5								
23	3 RD WEEK	6								
24	4 TH WEEK	0								
25	5 TH WEEK	6								

MONTH : NOVEMBER																		
26	1 ST WEEK	6	TEACHING PAPER - III, HALF YEAR EXAMINATIONS															
27	2 ND WEEK	4																
28	3 RD WEEK	6																
29	4 TH WEEK	6																
30	5 TH WEEK	1																
MONTH : DECEMBER																		
31	1 ST WEEK	5	TEACHING PAPER - III & QUIZ															
32	2 ND WEEK	5																
33	3 RD WEEK	6																
34	4 TH WEEK	3																
35	5 TH WEEK	4																
MONTH : JANUARY																		
36	1 ST WEEK	2	TEACHING PAPER - III & Mid Examination - II															
37	2 ND WEEK	5																
38	3 RD WEEK	0																
39	4 TH WEEK	6																
40	5 TH WEEK	5																
MONTH : FEBRUARY																		
41	1 ST WEEK	6	REVISION															
42	2 ND WEEK	5	REVISION															
43	3 RD WEEK		A.U. PRACTICAL EXAMINATIONS - 2016															
44	4 TH WEEK		A.U. PRACTICAL EXAMINATIONS - 2016															


SIGNATURE OF THE LECTURER


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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE - A : CURRICULUM PLAN - LECTURER - WISE FOR THE ACADEMIC YEAR 2015-16

DEPARTMENT : MATHEMATICS

PAPER : I (DIFFERENTIAL EQUATIONS)

CLASS : I B.Sc. FIRST SEMESTER

NAME OF THE LECTURER : Kum. K. NAGA MANI M.Sc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JULY													
4	1 ST WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted						
5	2 ND WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted						
6	3 RD WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted						
7	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted	Classroom Seminar	1	Conducted			
8	5 th WEEK	5	Differential equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						
MONTH : AUGUST													
9	1 ST WEEK	1	Differential equations of first order but not of first degree		Teaching Classes	1	Conducted						

10	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	conducted						
11	3 RD WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	conducted						
12	4 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	5 1	conducted						
13	5 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	conducted	Classroom Seminar	1	conducted			

MONTH : SEPTEMBER

16	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2	conducted						
17	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	conducted						
18	3 RD WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	4 1	conducted						
19	4 TH WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	3 1	conducted	Classroom Seminar	1	conducted			
20	5 TH WEEK	3	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes	3	conducted						

MONTH : OCTOBER

21	1 ST WEEK	2	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Problem solving Session	2	conducted						
22	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	2	conducted						
23	3 RD WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	4 1	conducted	Classroom Seminar	1	conducted			

24	4 th WEEK	0	DASARA HOLIDAYS											
25	5 th WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	5 1	<i>conducted</i>							
MONTH : NOVEMBER														
26	1 ST WEEK	6	REVISION		Teaching Classes	6	<i>conducted</i>		Book Reviews	<i>conducted</i>				
27	2 ND WEEK	4	REVISION		Teaching Classes	4	<i>conducted</i>							
PAPER - II (SOLID GEOMETRY)														
CLASS : I B.Sc. SECOND SEMESTER														
MONTH : DECEMBER														
31	1 ST WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	<i>conducted</i>							
32	2 ND WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	<i>conducted</i>							
33	3 rd WEEK	6	The Plane		Teaching Classes Problem solving Session	4 1	<i>conducted</i>		Classroom Seminar	1	<i>conducted</i>			
34	4 th WEEK	3	Right Line		Teaching Classes Problem solving Session	2 1	<i>conducted</i>		Quiz	<i>conducted</i>				
35	5 th WEEK	4	Right Line		Teaching Classes Problem solving Session	3 1	<i>conducted</i>							

MONTH : JANUARY

36	1 ST WEEK	2	Right Line		Teaching Classes	2	conducted						
37	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	2	conducted						
38	3 RD WEEK	0	PONGAL HOLIDAYS										
39	4 TH WEEK	6	Right Line		Teaching Classes Problem solving Session	4 1	conducted	Classroom Seminar	1	conducted			
40	5 TH WEEK	5	Right Line		Teaching Classes Problem solving Session	4 1	conducted						

MONTH : FEBRUARY

41	1 ST WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	conducted	Study Projects	conducted				
42	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1	conducted	Book Reviews	conducted				
43	3 RD WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	conducted						
44	4 TH WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	conducted						
44	5 TH WEEK	1	The Sphere		Problem solving Session	1	conducted						

MONTH : MARCH

41	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2			Study Projects	conducted		
42	2 ND WEEK	4	The Cone		Teaching Classes Problem solving	3 1			Book Reviews	conducted		
43	3 RD WEEK	6	The Cone		Teaching Classes Problem solving Session	5 1						
44	4 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1						
44	5 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1						

MONTH : APRIL

41	1 ST WEEK	2	The Central Conicoid		Teaching Classes	2			Study Projects			
42	2 ND WEEK	3	REVISION						Book Reviews			
43	3 RD WEEK	3	REVISION									

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V.S.M COLLEGE :: RAMACHANDRAPURAM

TABLE – A : : CURRICULUM PLAN – LECTURER – WISE FOR THE ACADEMIC YEAR 2015–16

DEPARTMENT : MATHEMATICS

PAPER : I (DIFFERENTIAL EQUATIONS)

CLASS : I B.Sc. FIRST SEMESTER

NAME OF THE LECTURER : Kum.G. NAGA UMA MAHESWARLSc.

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPICS	ADDITIONAL INPUTS / VALUES ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATE DATE	
MONTH : JULY													
4	1 ST WEEK	4	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted						
5	2 ND WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	4 1	Conducted						
6	3 RD WEEK	5	Differential equations of first order and first degree		Teaching Classes Problem solving Session	3 1	Conducted	Classroom Seminar	1	Conduct ed.			
7	4 TH WEEK	6	Differential equations of first order and first degree		Teaching Classes Problem solving Session	5 1	Conducted						
8	5 th WEEK	5	Differential equations of first order but not of first degree		Teaching Classes Problem solving Session	4 1	Conducted						
MONTH : AUGUST													
9	1 ST WEEK	1	Differential equations of first order but not of first degree		Teaching Classes	1	Conducted						

10	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
11	3 RD WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	3 1	Conducted	Classroom Seminar	1	Conducted			
12	4 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	5 1	Conducted						
13	5 TH WEEK	6	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	5 1	Conducted						

MONTH : SEPTEMBER

16	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2	Conducted						
17	2 ND WEEK	5	Higher Order Linear Differential Equations with Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
18	3 RD WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	4 1	Conducted						
19	4 TH WEEK	5	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes Problem solving Session	3 1	Conducted	Classroom Seminar	1	Conducted			
20	5 TH WEEK	3	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Teaching Classes	3	Conducted						

MONTH : OCTOBER

21	1 ST WEEK	2	Higher Order Linear Differential Equations with Non-Constant Co-efficients		Problem solving Session	2	Conducted						
22	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	1	Conducted	Classroom Seminar	1	Conducted			
23	3 RD WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	5 1	Conducted						

24	4 th WEEK	0	DASARA HOLIDAYS											
25	5 th WEEK	6	Partial Differential Equations		Teaching Classes Problem solving Session	5 1	Conducted							
MONTH : NOVEMBER														
26	1 ST WEEK	6	REVISION		Teaching Classes	6	Conducted		Book Reviews	Conducted				
27	2 ND WEEK	4	REVISION		Teaching Classes	4	Conducted							
PAPER - II (SOLID GEOMETRY)														
CLASS : I B.Sc. SECOND SEMESTER														
MONTH : DECEMBER														
31	1 ST WEEK	5	The Plane		Teaching Classes Problem solving Session	4 1	Conducted							
32	2 ND WEEK	5	The Plane		Teaching Classes Problem solving Session	3 1	Conducted		Classroom Seminar	1	Conducted			
33	3 RD WEEK	6	The Plane		Teaching Classes Problem solving Session	5 1	Conducted							
34	4 th WEEK	3	Right Line		Teaching Classes Problem solving Session	2 1	Conducted		Quiz		Conducted			
35	5 th WEEK	4	Right Line		Teaching Classes Problem solving Session	3 1	Conducted							

MONTH : JANUARY

36	1 ST WEEK	2	Right Line		Teaching Classes	2	Conducted						
37	2 ND WEEK	5	MID EXAMINATIONS		Problem solving Session	1	Conducted	Classroom Seminar	1	Conducted			
38	3 RD WEEK	0	PONGAL HOLIDAYS										
39	4 TH WEEK	6	Right Line		Teaching Classes Problem solving Session	5 1	Conducted						
40	5 TH WEEK	5	Right Line		Teaching Classes Problem solving Session	4 1	Conducted						

MONTH : FEBRUARY

41	1 ST WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	Conducted						
42	2 ND WEEK	5	The Sphere		Teaching Classes Problem solving Session	4 1	Conducted						
43	3 RD WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	Conducted	Book Reviews	Conducted				
44	4 TH WEEK	6	The Sphere		Teaching Classes Problem solving Session	5 1	Conducted	Study Projects	Conducted				
44	5 TH WEEK	1	The Sphere		Problem solving Session	1	Conducted						

MONTH : MARCH													
41	1 ST WEEK	5	MID EXAMINATIONS		Problem solving Session	2							
42	2 ND WEEK	4	The Cone		Teaching Classes Problem solving	3 1							
43	3 RD WEEK	6	The Cone		Teaching Classes Problem solving Session	5 1			Study Projects	<i>conducted</i>			
44	4 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1							
44	5 TH WEEK	4	The Cylinder		Teaching Classes Problem solving Session	3 1			Book Reviews	<i>conducted</i>			
MONTH : APRIL													
41	1 ST WEEK	2	The Central Conicoid		Teaching Classes	2			Study Projects				
42	2 ND WEEK	3	REVISION						Book Reviews				
43	3 RD WEEK	3	REVISION										

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