

SVRK GOVERNMENT DEGREE COLLEGE :: NIDADAVOILE
TABLE - A - CURRICULAR PLAN - LECTURERE WISE: 2022-23

NAME OF THE LECTURER: N.U.K.DEVI

CLASS: I B.Sc.

YEAR: I

SEMESTER: II

DEPARTMENT: Mathematics

PAPER: II, Solid Geometry

SERIAL NUMBER		MONTH & WEEK		HOURS AVAILABLE		SYLLABUS TOPIC		ADDITIONAL INPUT /VALUE ADDITION		CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14						
1	June 1 st week	4+ 2	UNIT: I The Plane : Equation of plane in terms of its intercepts on the axis.	Real life Examples of a Plane in Geometry	Theory and practical ICT (Digital class Room)	4 2													
2	June 2 nd week	4+ 2			ICT	4 2													
3	June 3 rd week	4+ 2			ICT	3 2					International YOGA day 21-06-2023	1							

[illegible]

10	August 2 nd week	4+	2	Definitions of a cone: vertex, guiding curve; generators; Equation of the cone with a given vertex and guiding Curve		Teaching II MID Examinations	3 2 1									
11	August 3 rd week	4+	2	Equations of cones with vertex at origin are homogenous; Condition that the general equation of the Second degree should represent a cone.		ICT	3 2			Quiz on Solid Geometry	1					
12	August 4 th week	4+	2	UNIT-V Cones : Enveloping cone of a sphere; right circular cone: equation of the right circular cone with a given vertex, axis and semi vertical angle; Condition that a cone may have three mutually perpendicular generators.		ICT	3 2			Assignment on Cones	1					
13	September 1 st Week	4+	2	Intersection of a line and a quadric cone; Tangent lines and tangent plane at a point.		ICT	3 2			Student seminar	1					
14	September 2 nd Week	4+	2	Condition that a plane may touch a cone; Reciprocal cones; Intersection of two cones with a common vertex.		Digital class Room	4 2									
15	September 3 rd Week	4+	2	Revision		Teaching	4 2									

N. C. K. 

SIGNATURE OF THE LECTURER



SIGNATURE OF THE DEPARTMENT INCHARGE



SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEGREE COLLEGE :: NIDAVOILE
TABLE - A - CURRICULAR PLAN - LECTURER WISE

NAME OF THE LECTURER : G.PRAKASAM BABU
DEPARTMENT : MATHEMATICS
SEMESTER : IV -A

CLASS: II BSC
Paper : Real Analysis

YEAR: 2022-2023

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT /VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCT ED	IF NOT, ALTERNA TIVE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCT ED	IF NOT, ALTERNA TIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	March 3 rd Week	6	Real Sequences: Sequences and their limits, Range and Boundedness of Sequences. Limit of a sequence and Convergent sequence.		ICT& Digital Class room	6							
2	March 4 th Week	6	The Cauchy's criterion, properly divergent sequences, Monotone sequences, Necessary and Sufficient condition for Convergence of Monotone Sequence.		ICT& Digital Class room	6							
3	April 1 st Week	6	Limit Point of Sequence, Subsequences, Cauchy Sequences – Cauchy's general principle of convergence theorem.	Application of Sequences in Real life	ICT& Digital Class room	5			Assignm ent	1			
4	April 2 nd Week	6	INFINITE SERIES : Series : Introduction to series, convergence of series, Cauchy's general principle of convergence for series tests for convergence of series.		ICT& Digital Class room	6							
5	April 3 rd Week	6	Series of Non-Negative Terms. 1. P-test 2. Cauchy's nth root test or Root Test.		ICT& Digital Class room	6							
6	April 4 th Week	6	3. D'-Alemberts' Test or Ratio Test. 4. Alternating Series – Leibnitz Test.	Application of Infinite Series in Real life	Teaching MID EXAMINATION-1	4 1			Student Seminars	1			

7	May 1 st Week	6	Limits: Real valued functions, Boundedness of a function, Limits of functions, , Infinite Limits, Limits at infinity. Continuous functions: Continuous functions	Application oriented examples and properties of continuous functions	ICT & Digital Class room	6													
8	May 2 nd Week	3	Combinations of continuous functions, Continuous Functions on interval.		ICT & Digital Class room	3													
9	June 1 st Week	6	DIFFERENTIATION AND MEAN VALUE THEOREMS: The derivability of a function on an interval, at a point. Derivability and continuity of a function	Provided material on Errors in Numerical computations	ICT & Digital Class room	6													
10	June 2 nd Week	6	Graphical meaning of the Derivative, Mean value Theorems: Rolle's Theorem, Lagrange's Theorem, Cauchy's Mean value Theorem		ICT & Digital Class room	5													
11	June 3 rd Week	6	RIEMANN INTEGRATION : Riemann Integral, Riemann integral functions, Darboux theorem. Necessary and sufficient condition for R – integrability.	Application oriented examples and properties of Riemann Integration	ICT & Digital Class room	5													
12	June 4 th Week	6	. Properties of integrable functions, Fundamental theorem of integral calculus,		ICT & Digital Class room	6													
13	July 1 st Week	6	First mean value Theorem	MID EXAMINATION-2 Teaching		1													
14	July 2 nd Week	6	Revision		Teaching	5													
15	July 3 rd Week	6	Revision		Teaching	6													

SIGNATURE OF THE LECTURER

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE PRINCIPAL

SVRK GOVERNMENT DEGREE COLLEGE :: NIDAVAYOLE
TABLE - A - CURRICULAR PLAN - LECTURER WISE

NAME OF THE LECTURER : G. PRAKASAM BABU
DEPARTMENT : MATHEMATICS

CLASS: II BSC PAPER : LINEAR ALGEBRA
YEAR: 2022-2023

SERIAL NUMBER	MONTH & WEEK	HOURS AVAILABLE	SYLLABUS TOPIC	ADDITIONAL INPUT / VALUE ADDITION	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				REMARKS
					ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	ACTIVITY	HOURS ALLOTTED	WHETHER CONDUCTED	IF NOT, ALTERNATIVE DATE	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	March 3 rd Week	6	UNIT I: Vector Spaces-I: Vector Spaces, General properties of vector spaces, n-dimensional Vectors	Material to be provided	ICT & Digital Class room	6							
2	March 4 th Week	6	Addition and scalar multiplication of Vectors, internal and external composition, Null space, Vector subspaces, Algebra of subspaces		ICT & Digital Class room	6							
3	April 1 st Week	6	Linear Sum of two subspaces, linear combination of Vectors, Linear span Linear independence and Linear dependence of Vectors.		ICT & Digital Class room	5			Assignment	1			
4	April 2 nd Week	6	UNIT II: Vector Spaces-II: Basis of Vector space, Finite dimensional Vector spaces	Material to be provided	ICT & Digital Class room	6							
5	April 3 rd Week	6	Basis extension, coordinates, Dimension of a Vector space, Dimension of a subspace		ICT & Digital Class room	6							
6	April 4 th Week	6	Quotient space and Dimension of Quotient space.		Teaching MID EXAMINATION-1	4			Student Seminars	1			

