

ANNUAL CURRICULAR				PLAN I (Year)									
NAME OF THE LECTURER: N. Chitti Syamili				CLASS: ^{B.Sc} IMPG I & II Semester: 2				Paper: ^{Mathematics - Part II} Solid Geometry					
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
NOV	4 th	7	syllabus, Model Papers unit: I: The plane: Eq. of the plane in terms of its intercepts on the axis, Eqs of the plane through the given points, length of the \perp from a given point to a given plane.	-	Teaching	7	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	5 th	7	Bisectors of angles between two planes, combined eq. of two planes, orthogonal projection on a plane	-	Teaching	7	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
Dec	1 st	7	unit: II: The Line: Eq. of a line, angle between a line and a plane	-	Teaching	6	Yes	-	quiz	1	Yes	-	-
	2 nd	6	The condition that a given line may lie in a given plane, the constants in the eqs. of straight line, sets of conditions which determine a line	-	Teaching	5	Yes	-	class room seminar	1	Yes	-	-
				-	-	-	-	-	-	-	-	-	-
	3 rd	4 + 3	I-Mid Exams, The s.o between two lines, the length and eqs. of the line of	-	Teaching	6	Yes	-	class room seminar	1	Yes	-	-

N. Chitti Syamili
Signature of the Lecturer

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ANNUAL CURRICULAR					ANNUAL CURRICULAR PLAN - I (Year)								
NAME OF THE LECTURER: N. Chitti syamili					CLASS: BSC IMPC-R&TNECA Semester: 2				Paper: Mathematics-II Solid Geometry				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Dec	3 rd		S.D. between two straight lines	-	-	-	-	-	-	-	-	-	-
	4 th	3	Length of the \perp from a given point to a given line	Area of triangle Dihedral angle volume of the tetrahedron	Teaching & Showing in PPT	3	Yes	-	-	-	-	-	-
	5 th	2	unit: III sphere Def. & Eq. of the sphere, Eq. of the sphere through four given points	-	Teaching	2	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
Jan	1 st	5	plane section of a sphere, intersection of two spheres Eq. of a circle, sphere through a given circle	-	Teaching	5	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	2 nd	6	Intersection of a sphere and a line, power of a point, tangent plane	-	Teaching	6	Yes	-	-	-	-	-	-
	3 rd	0		-	-	-	-	-	-	-	-	-	-
	4 th	7	plane of contact, polar plane, pole of a plane, conjugate points, conjugate plane	-	Teaching	6	Yes	-	Assignment	1	Yes	-	-

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ANNUAL CURRICULAR					PLAN - I (Year)							
NAME OF THE LECTURER <i>N.chitti syamili</i>					CLASS : <i>B.Sc</i> <i>IMPCT&INFC</i> Semester : <i>2</i>				Paper : <i>Mathematics-II</i> <i>Solid Geometry</i>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Jan	5 th	6	Unit:IV: sphere: Angle of intersection of two spheres, conditions for two spheres to be orthogonal, radical plane, coaxial system of spheres	—	Teaching	5	Yes	—	class room Seminar	1	Yes	—
			Simplified form of the eqs. of two spheres.	—	—	—	—	—	—	—	—	—
Feb	1 st	1	Cone: definitions of a cone, vertex, guiding curve, generators, eq of the cone with given vertex and guiding curve.	—	Teaching	1	Yes	—	—	—	—	—
			Enveloping cone of a sphere, eqs. of the cones with vertex at origin	—	Teaching	5	Yes	—	Group Discussion	1	Yes	—
	2 nd	6	are homogeneous, condition that the general eq of the second degree should represent a cone, condition that a cone may have three mutually perpendicular generators.	—	—	—	—	—	—	—	—	—
				—	—	—	—	—	—	—	—	—

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ANNUAL CURRICULAR					PLAN I (Year)							
NAME OF THE LECTURER <i>N.chitti syamili</i>					CLASS : <i>BSC IMPC & INFC</i> Semester : <i>2</i>				Paper : <i>Mathematics - II</i> <i>Solid Geometry</i>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
<i>Feb</i>	<i>3rd</i>	<i>7</i>	<i>unit: V : cone: Intersection of a line & quadric cone, tangent lines and tangent plane at a point, condition that a plane may touch a cone, reciprocal cones, intersection of two</i>	<i>-</i>	<i>Teaching.</i>	<i>6</i>	<i>Yes</i>	<i>-</i>	<i>amiz</i>	<i>1</i>	<i>Yes</i>	<i>-</i>
			<i>cones with a common vertex, right circular cone, Eg. of right circular cone with a given vertex, axes and semi vertical angle</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

N.chitti s. i.
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Signature of the HOD *D. N. Kumar*

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ANNUAL CURRICULAR					PLAN <u>II</u> (Year) <u>Mathematics -</u>							
NAME OF THE LECTURER <u>S.S.I. SABARI KUMARI</u>					CLASS : <u>II B.Sc.NSUs, NSUs</u> Semester : <u>IV</u>				Paper : <u>4, REAL ANALYSIS</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Novem-ber	2 nd	2	Syllabus and Model papers.	-	Teaching	2	yes	-	-	-	-	-
	3 rd	7	Unit-I: Real Numbers: The algebraic & order properties of \mathbb{R} , Absolute value & Real line, Completeness property of \mathbb{R} , Applications of Supreme property, infer- -ences.	-	Teaching	7	yes	-	-	-	-	-
			Real sequences: sequences & their limits, Range & boundedness of sequences.	-	-	-	-	-	-	-	-	-
	4 th	7	Limit of a sequence & Convergent sequence. The Cauchy's criterion, properly divergent sequences, Monotone sequences, Necessary & Sufficient condition for convergence of Monotone sequence.	-	Teaching	7	yes	-	-	-	-	-
			Limit point of sequence, Subsequences & the Bolz- -ano-Weierstrass theorem	contractive sequences	-	-	-	-	-	-	-	-
	5 th	7	Cauchy sequences- Cauchy's general principle of convergence theorem.	-	Teaching & showing in PPT	6	yes	-	class room Seminar	1	-	-
				-	-	-	-	-	-	-	-	-

Signature of the Lecturer S.S.I. Sabari K.

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ANNUAL CURRICULAR					PLAN II (Year)								
NAME OF THE LECTURER: S.S.L.SABARI KUMARI					CLASS: B.Sc MSy-I & MSy-II Semester: IV				Mathematics Paper: REAL ANALYSIS				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Decem-ber	1st	7	Unit-II: Infinite series: Introduction to series, Convergence of series.	-	Teaching	7	Yes	-	-	-	-	-	-
			cauchy's general principle of convergence for series tests for convergence of series, series of non-negative terms.	-	-	-	-	-	-	-	-	-	-
	2nd	6	p-test, Cauchy's nth root test & Root test.	-	Teaching	5	Yes	-	Assignment	1	Yes	-	-
	3rd	7	I MID SEM D'Alembert's test & Ratio test.	-	Teaching	3	Yes	-	Quiz	1	Yes	-	-
	4th	3	Alternating series- Leibnitz test.	-	Teaching	3	Yes	-	-	-	-	-	-
	5th	2	Absolute convergence & conditional convergence, Semi convergence.	-	Teaching	2	Yes	-	-	-	-	-	-
Janu-ary	1st	5	Unit-III: Continuity: Limits: Real valued functions, Boundedness of a function, Limits of functions. Some extensions of the limit concept, infinite	-	Teaching	5	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer: S.S.L.Sabari K.

Signature of the HOD: D. N. K.

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ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER: S.S.L. SABARI KUMARI					CLASS : II B-SC NSCS & MYS & Semester : IV Paper : REAL ANALYSIS							
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
			Limits, limits at infinity, continuous functions.	-	-	-	-	-	-	-	-	-
			combinations of continuous functions.	-	-	-	-	-	-	-	-	-
	2nd	6	continuous functions on intervals. unif & m continuity.	-	5	yes	-	Power point presentation	1	yes	-	-
			Unit - IV: Differentiation & Mean value theorems: The derivability of a	-	-	-	-	-	-	-	-	-
			function, on an interval at a point, Derivability & continuity of a function.	-	-	-	-	-	-	-	-	-
			Graphical meaning of the Derivative, Mean value theorems; Rolle's thm	-	-	-	-	-	-	-	-	-
	3rd	0	-	-	0	-	-	-	-	-	-	-
	4th	7	Lagrange's theorem, Cauchy's mean value theorem.	L' Hospital's rules	7	yes	-	Teaching & Showing in PPT	-	-	-	-
			Unit - V: Riemann Integration Riemann Integral, Riemann integral functions,	-	-	-	-	-	-	-	-	-

Signature of the Lecturer S.S.L. Sabari K.

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ANNUAL CURRICULAR					PLAN <u>D</u> (Year)							
NAME OF THE LECTURER <u>S.S.L. SABARI KUMARI</u>					CLASS : <u>B.Sc MSc-1 2019-20</u> Semester : <u>IV</u>				Mathematics - Paper : <u>4, REAL ANALYSIS</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
			Darboux theorem. Necessary & sufficient condition for R-integrability.	-	-	-	-	-	-	-	-	-
	5th	6	properties of integrable functions, fundamental theorem of integral calculus	-	Teaching	6	yes	-	-	-	-	-
February	1st	1	Integral as the limit of a sum	-	Teaching	1	yes	-	-	-	-	-
	2nd	6	MID SEM Mean value theorems.	-	Teaching	1	yes	-	Group Discussion	1	yes	-

Signature of the Lecturer S.S.L. Sabari K.

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ANNUAL CURRICULAR					PLAN II (Year)				Foundation Course				
NAME OF THE LECTURER: Vangalapudi. Madhurya.					CLASS: B3C B3FC Imprec Time-I Time-II Semester: IV				Paper: Analytical skills				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
November	2nd	3	Analogies of numbers & letter series	square roots and cube roots	showing in ppt Teaching	03	Yes	-	-	-	-	-	-
	3rd	3	Simplifications & Algebraic operations	-	Teaching	03	Yes	-	-	-	-	-	-
	4th	3	HCF & LCM Time & Rate problems	-	Teaching	03	Yes	-	-	-	-	-	-
December	1st	3	Average Ratio & proportions	-	Teaching	03	Yes	-	-	-	-	-	-
	2nd	3	problem Based on Ages	-	Teaching	03	Yes	-	-	-	-	-	-
	3rd	3 (2+)	2- mid exams 1- Time speed distance	-	Teaching	1	Yes	-	-	-	-	-	-
	4th	1	Time Speed distance	Time and work	showing in ppt Teaching	01	Yes	-	-	-	-	-	-
January	1st	3	Profit & loss Percentage	-	Teaching	03	Yes	-	-	-	-	-	-
	2nd	3	Partnership, Simple Interest	-	Teaching	03	Yes	-	-	-	-	-	-

Signature of the Lecturer

M Madhurya

Signature of the HOD

V. Madhurya

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ANNUAL CURRICULAR					PLAN <u>II</u> (Year)							
NAME OF THE LECTURER <u>Madhurya. Vangalapudi</u>					CLASS : <u>II MPCS-2</u> <u>II MPC-2</u> <u>II MSCS-2</u> <u>II MPEI</u> Semester : <u>IV</u>				Paper : <u>Foundation course</u> <u>Analytical skills</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
<u>February</u>	<u>4th</u>	<u>3</u>	<u>compound Interest</u>	<u>-</u>	<u>Teaching</u>	<u>03</u>	<u>Yes</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>1st</u>	<u>3</u>	<u>Graphs & Tables</u>	<u>-</u>	<u>Teaching</u>	<u>03</u>	<u>Yes</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>2nd</u>	<u>1</u>	<u>Venn diagrams</u>	<u>-</u>	<u>Teaching</u>	<u>01</u>	<u>Yes</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

Signature of the Lecturer

Madhurya V

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V R...

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ANNUAL CURRICULAR					PLAN III (Year)				Mathematical Numerical Analysis Paper: Elective - III				
NAME OF THE LECTURER: O.G.V. Sai Deepa					CLASS: III BSC III mpcs-II III mecs Semester: VI								
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
January	2nd	5	Errors in Lagrange's Unit-I: Errors & their Accuracy math	-	Teaching	5	yes	-	-	-	-	-	-
			mathematical preliminaries.	-	-	1	-	-	-	-	-	-	-
	3rd	0		-	-	-	-	-	-	-	-	-	-
	4th	6	Errors & their Analysis absolute, relative, % error, General Error formula	-	Teaching	05	yes	-	-	-	-	-	-
February	1st	1	unit-II: Bisection method	-	Teaching	1	yes	-	-	-	-	-	-
	2nd	5	Iteration method & Regula falsi method.	-	Teaching	04	yes	-	class room Seminar	01	yes	-	-
	3rd	6	method of false position Newton-Raphson method	-	Teaching	6	yes	-	-	-	-	-	-
	4th	5	Generalized Newton Raphson method and Muller's method.	Ramanyjan's method	Showing in PPT Teaching	5	yes	-	-	-	-	-	-
				-									

Signature of the Lecturer
O.G.V. Sai Deepa

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ANNUAL CURRICULAR					PLAN III (Year)				Mathematics Numerical Analysis Paper: Elective-VIIB			
NAME OF THE LECTURER: O.G.V. Sai Diya					CLASS: III BSc mcs mpces-I Semester: VII				CO-CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
November	5th	6	Unit-III: Finite difference forward, backward diff, errors in poly. Interpolation	-	Teaching	06	yes	-	-	-	-	-
December	1st	6	Detection of errors by use of Diff tables, Diff polynomial	-	Teaching	05	yes	-	-	-	-	-
	2nd	5	Symbolic relations. Unit-IV: Newton's forward formula, Central diff	-	Teaching	5	yes	-	-	-	-	-
	3rd	(3+3) 6	mid exams Gauss central formula, Stirling's, Bessel's formula	-	Teaching	3	yes	-	-	-	-	-
	4th	3	Everett's formula. Unit-V: Interpolation with	-	Teaching	3	yes	-	-	-	-	-
			unevenly spaced point, divided diff and their properties	-	-	-	-	-	-	-	-	-
	5th	2	Relation b/w divided & forward, Relation b/w divided & Backward diff	-	Teaching	2	yes	-	-	-	-	-
January	1st	4	Relation b/w divided diff central, Newton's divided diff, Interpolation.	-	Teaching	03	yes	-	Assignment	01	yes	-
	2nd	5	Lagrange's Interpolation. Inverse Lagrange's.	-	Teaching	5	yes	-	-	-	-	-

Signature of the Lecturer

O.G.V. Sai Diya

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ANNUAL CURRICULAR					PLAN <u>2</u> (Year)								
NAME OF THE LECTURER <u>M. B. RADYA LAKSHMI</u>					CLASS : <u>III BSC Cluster-2</u> Semester : <u>VI</u>				Paper : <u>mathematics III-B-1 Advanced numerical Analysis</u>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
November	5 th	6	Introduction classes & Unit-I curve fitting to a straight line & 2 nd degree parabola	-	teaching	6	Yes	-	-	-	-	-	-
Dec	1 st	6	y = a ^b power fun. & exponential fun.	-	teaching	6	Yes	-	-	-	-	-	-
	2 nd	5	exponential fun. Curve fitting by a sum of exponentials	-	teaching	6	Yes	-	-	-	-	-	-
			Unit-III Numerical diff, derivatives using Newton forward & backward diff. Formula	-	teaching	-	-	-	-	-	-	-	-
	3 rd	6	mid SEM, Derivatives using Central diff. Formula	-	teaching	3	Yes	-	-	-	-	-	-
	4 th	3	Stirling's interpolation Formula, Newton divided diff. Formula	-	teaching	3	Yes	-	-	-	-	-	-
	5 th	2	maximum minimum value of tabulated function	-	teaching	2	Yes	-	-	-	-	-	-

Signature of the Lecturer

M. B. Radya

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ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: M.B. Rajya Lakshmi					CLASS: B.Sc cluster-2 Semester: VI				Paper: Advanced numerical Analysis				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Jan	1st	2	UNIT III General Quadrature Formula on error, Trapezoidal rule	-	Teaching	4	Yes	-	-	-	-	-	-
	2nd	5	Simpson's 1/3 rule & Simpson's 3/8 rule	-	Teaching	4	Yes	-	Classroom seminar	1	Yes	-	-
	3rd	0											
	4th	6	Weddle's rule, Euler MacLaurin formula of summation & General & Euler transformation	Book's rule showing in ppt	Teaching & showing in ppt	6	Yes	-	-	-	-	-	-
	5th	5	UNIT IV: sol. of linear system Direct method matrix inversion method	-	Teaching	5	Yes	-	-	-	-	-	-
			Cramer's rule, Gauss elimination method.	-	-	-	-	-	-	-	-	-	-
Feb	1st	1	Gauss Jordan method	-	Teaching	1	Yes	-	-	-	-	-	-
	2nd	5	Gauss Jordan method & method of factorisation A mid	-	Teaching	2	Yes	-	-	-	-	-	-

Signature of the Lecturer

M.B. Rajya

Signature of the HOD

V. N. S. R.

Signature of the Principal

N. S. R.

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019 - 2020

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER M. B. RAJYA LAKSHMI					CLASS : <u>III B.Sc cluster - I</u> Semester : <u>VI</u>				Paper : <u>mathematics - III B1</u> <u>Advanced numerical Analysis</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Feb	3rd	6	Jacobi's method, Gauss seidel method	-	Teaching	5	Yes	-	Quiz	1	Yes	-
			Sol. of tri diagonal system & iteration methods UNIT-V Taylor	-	-	1	-	-	-	-	-	-
	4th	5	UNIT : Sol. of Taylor Runge method modified Euler method	-	Teaching	5	Yes	-	-	-	-	-
			R-K methods & Picard's method	-	-	1	-	-	-	-	-	-
			picard's method	-	-	1	-	-	-	-	-	-

Signature of the Lecturer

M. B. Rajya

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V. D. [Signature]

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ANNUAL CURRICULAR					PLAN III (Year)							
NAME OF THE LECTURER: D. Dejaswi					CLASS: III BSC-cluster II Semester: VI				Paper: Special functions			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Novem-ber	4 th	3	Syllabus, Model papers Unit: Higher order differential equations	-	Teaching	3	yes	-	-	-	-	-
			Solution of Higher order differential equations	-	-	-	-	-	-	-	-	-
Decem-ber	1 st	3	Hermite polynomials Generating function	-	Teaching	2	yes	-	Assignment	1	yes	-
			other forms of Hermite polynomials, orthogonal property of Hermite polynomial	-	-	-	-	-	-	-	-	-
	2 nd	3	Recurrence formulae for Hermite polynomial problems solved.	-	Teaching	3	yes	-	-	-	-	-
	3 rd	2	Unit-II: Laguerre's Differential equation, Solution Laguerre's polynomial and generating function	-	Teaching	1	yes	-	classroom Seminar	1	yes	-
			other forms of Laguerre polynomial few	-	Teaching	3	yes	-	-	-	-	-
			Laguerre polynomials orthogonal property	-	-	-	-	-	-	-	-	-

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D. Dej

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D. Dejaswi

Signature of the Principal

D. Dejaswi

ANNUAL CURRICULAR					PLAN III (Year)							
NAME OF THE LECTURER: D. Tejaswini					CLASS: II BSc-cluster II Semester: VI				Paper: Special functions			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
	5th	2	Recurrence formula for laguerre polynomials	-	Teaching	2	yes	-	-	-	-	-
January	1st	3	problems solved unit-III	-	Teaching	3	yes	-	-	-	-	-
	2nd	3	Legendre diff equation, solution of Legendre differential equation	-	Teaching	3	yes	-	-	-	-	-
			Definition of $P_n(x)$ and $Q_n(x)$. General solution	-	-	-	-	-	-	-	-	-
			of Legendre differential equation. to show that $P_n(x)$ is co-efficient	-	-	-	-	-	-	-	-	-
			of h^n in expansion of $(1-2xh+h^2)^{-1/2}$	-	-	-	-	-	-	-	-	-
	3rd	0	-	-	-	-	-	-	-	-	-	-
	4th	4	Laplace definite integral for $P_n(x)$ orthogonal property of	-	Teaching	4	yes	-	-	-	-	-
			Legendre polynomial	-	-	-	-	-	-	-	-	-

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D. Tej

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V. Lakshmi

Signature of the Principal

K. Sridhar

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: D. Dejaswi					CLASS: III BSC-cluster II Semester: VI				Paper: Special function				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
January	5th	3	Recurrence formulae	Legender dupli-cation formulae	Teaching & Showing ppt	3	yes	-	-	-	-	-	-
February	1st	1	problems solved	-	Teaching	1	yes	-	-	-	-	-	-
	2nd	2	problems solved	-	Teaching	2	yes	-	-	-	-	-	-
	3rd	4	problems solved	-	Teaching	4	yes	-	-	-	-	-	-

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D. Dejaswi

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ANNUAL CURRICULAR					PLAN - III (Year)								
NAME OF THE LECTURER: N. Chitti Syamili					CLASS: cluster III B & Semester: VI				Paper: Mathematics VIII B special Functions				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
NOV	4th	3	Syllabus, Model Papers. unit: V: Beta & Gamma functions: Euler's integrals - Beta & Gamma functions, Elementary Properties of Gamma functions	legender duplication formula	Teaching	3	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
Dec	1st	3	Transformation of Gamma function.	-	Teaching	3	Yes	-	-	-	-	-	-
	2nd	3	Problems on Gamma function, Another form of Beta function, Relation between Beta & Gamma functions	-	Teaching	3	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	3rd	3	IMD EXAMS other transformations	-	Teaching	3	Yes	-	-	-	-	-	-
	4th	2	Problems on Beta and Gamma functions.	-	Teaching	2	Yes	-	-	-	-	-	-
			unit - IV: Bessell's Equation: Definition	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer
N. Chitti Syamili

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D. N. Kumar

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S. S. S. S.

ANNUAL CURRICULAR					PLAN <u>III</u> (Year)							
NAME OF THE LECTURER: <u>N.chitti syamili</u>					CLASS: <u>cluster III B.Sc</u> Semester: <u>VI</u>				VIII B ₂ Mathematics Paper: <u>Special Functions</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Dec	5 th	1	solution of Bessell's general differential equations	-	Teaching	1	Yes	-	-	-	-	-
Jan	1 st	2	General solution of Bessell's equation, Integration of Bessell's equation in series for $n=0$	-	Teaching	2	Yes	-	-	-	-	-
	2 nd	2	Definition of $J_0(x)$, Recurrence formulae for $J_n(x)$.	-	Teaching	2	Yes	-	-	-	-	-
	3 rd	0		-	-	-	-	-	-	-	-	-
	4 th	3	Generating function for $J_n(x)$	-	Teaching	3	Yes	-	-	-	-	-
	5 th	2	Problems on Bessell's equation.	-	Teaching	1	Yes	-	class room seminar	1	Yes	-
Feb	1 st	1	Problems on Bessell's equation	-	Teaching	1	Yes	-	-	-	-	-
	2 nd	2	II MID Exams Problems on Bessell's equation	-	Teaching	1	Yes	-	quiz	1	Yes	-

Signature of the Lecturer
N.chitti syamili

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