

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN-I (Year) - 2021-2022 CLASS : <u>I MECS, I MSCS-II</u> Semester : <u>I</u> Paper : <u>Mathematics paper - I</u> differential equations							
NAME OF THE LECTURER <u>T. Jhansi</u>					CURRICULAR ACTIVITY				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
December	1st	04	Reducible to exact form (Methods 1,2,3)	-	Teaching	04	Yes	-	-	-	-	-
	2nd	4+3	(Method-4,5) linear differential equations	-	Teaching	04+03	Yes	-	-	-	-	-
	3rd	07	Linear equations in terms of 'x' and Bernoulli's eqn.	-	Teaching	06	Yes	-	Assignment	01	Yes	-
	4th	04	unit-II solvable for p and examples	-	Teaching	04	Yes	-	-	-	-	-
	5th	06 (4+2)	Solvable for y and solvable for x	-	Teaching	05	Yes	-	Seminar	01	Yes	-
January	1st	01	solvable for 'x'.	-	Teaching	01	Yes	-	-	-	-	-

T. Jhansi
Signature of the Lecturer

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN-I (Year)								
NAME OF THE LECTURER: <i>T. Jhansi</i>					CLASS: <i>IB.Sc</i> <i>IMES, INSCS-II</i>			Semester: <i>I</i>		Paper: <i>Mathematics Paper-I</i> <i>Differential Equations</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>January</i>	<i>2nd</i>	<i>06</i>	<i>Equations that do not contain 'x' (or) 'y'</i>	<i>orthogonal trajectories.</i>	<i>Teaching showing in ppt</i>	<i>06</i>	<i>Yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
			<i>and Clairaut's equations</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>3rd</i>	<i>00</i>	<i>Pongal holidays</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>4th</i>	<i>04</i>	<i>Unit-3: Solutions of homo-linear diff eqⁿs of order-n.</i>	<i>-</i>	<i>Teaching</i>	<i>03</i>	<i>Yes</i>	<i>-</i>	<i>Assignment</i>	<i>01</i>	<i>Yes</i>	<i>-</i>	
			<i>with constant co-efficients gⁿ solⁿ of P(x)y = 0</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>5th</i>	<i>06</i>	<i>Solⁿ of non-homo linear diff eqⁿ constant co-efficients</i>	<i>-</i>	<i>Teaching</i>	<i>05</i>	<i>Yes</i>	<i>-</i>	<i>Seminar</i>	<i>01</i>	<i>Yes</i>	<i>-</i>	

T. Jhansi
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D. K. ...
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Kalyani
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					I B.Sc. PLAN I (Year)											
NAME OF THE LECTURER: T. Jhansi					CLASS: IMES, IMSCS-II				Semester: I				Paper: Mathematics Paper-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				
January	5th		G.S.O.M of $f(x)y = a$ $f(x)$ expressed as Partial Fractions	-	Teaching	05	Yes	-	-	-	-	-	-			
			P.I of $f(x)y = a$ where $a = b \cdot e^{ax}$	-	-	-	-	-	-	-	-	-	-			
	6th	01	P.I of $f(x)y = a$ where $a = \sin bx \cos x$	-	Teaching	01	Yes	-	-	-	-	-	-			
February	1st	5 (2+3)	P.I of $a = \sin bx \cos x$ $\cos bx$: unit-IV P.I of $f(x)y = a$ where $a = b \cdot x^k$	-	Teaching	05	Yes	-	-	-	-	-	-			
	2nd	07	P.I of $f(x)y = a$ where $a = e^{ax} \cdot v$ $a = x \cdot v$	-	Teaching	06	Yes	-	Quiz	01	Yes	-	-			
	3rd	07	P.I of $f(x)y = a$ where $a = k^m \cdot v$	-	Teaching	06	Yes	-	Group Discussion	01	Yes	-	-			

T. Jhansi
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V. P. Srinivas
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					I B.Sc PLAN I (Year)				Mathematics Paper-I			
NAME OF THE LECTURER: P. Jhansi					CLASS: IMCS, IMCS-II		Semester: I		Paper: Differential Equations			
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
February	4 th	7 (4+3)	Unit V :- Method of variation of parameters & Cauchy's eq ⁿ	-	Teaching	07	Yes	-	-	-	-	-
	5 th	01	Legendre's eq ⁿ	-	Teaching	01	Yes	-	-	-	-	-
March	1 st	05	Gr. sol ⁿ of $\frac{d^2y}{dx^2} + P\frac{dy}{dx} + Qy = R$ in terms of given & known sol ⁿ of C.F	-	Teaching	05	Yes	-	-	-	-	-

P. Jhansi
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SIR C.R. REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM PLAN- LECTURER WISE 2021-22

ANNUAL CURRICULAR					PLAN I (Year)								
NAME OF THE LECTURER : O.G.V. Sai Diya					CLASS : I B.Sc Impc-5 Impcs-7 Semester : I				Paper : Ethics (H.V.P.E) Life Skill Course				
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	3rd	1	Syllabus & model paper Unit-I: Understanding the Need	-	Teaching	01	yes	-	-	-	-	-	-
	4th	2	Basic Guidelines, Content & process for Value Education on	-	Teaching	02	yes	-	-	-	-	-	-
			understanding the thought provoking issues, Need for values in our daily life	-	-	-	-	-	-	-	-	-	-
December	1st	2	choice making, choosing cherishing & Acting.. Body	-	Teaching	2	yes	-	-	-	-	-	-
	4th	1	understanding personal values, social values Spiritual values	Self exploration, Need of body & self	Teaching showing in picture	1	yes	-	-	-	-	-	-
	5th	2	Unit-II: understanding harmony in family, The basic unit of human	-	Teaching	2	yes	-	-	-	-	-	-
			interaction, understand the set & proposals to verify harmony in family	-	-	-	-	-	-	-	-	-	-
January	2nd	2	difference body & (L) & comprehensive human goals, undivided society	-	Teaching	2	yes	-	-	-	-	-	-

O.G.V. Sai Diya
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SIR C.R. REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM PLAN- LECTURER WISE 2021-22

ANNUAL CURRICULAR					PLAN I (Year) Life skill course							
NAME OF THE LECTURER : O.G.V. Sar Diya					CLASS : IB-SC			Semester : I		Paper : Ethics (HUP)		
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	2	Trust & Respect, five dimension of human endeavour. Akanda Samay, Saavabhema Vyavastha, Harmony in the nature & Undivided Society.	-	Teaching	2	yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
January	4th	1	Needed to Achieve the comprehensive human goals.	-	Teaching	1	yes	-	-	-	-	-
	5th	2	Unit-III: Understanding about professional Integrity	-	Teaching	2	yes	-	-	-	-	-
February	1st	1	Privacy, Respect & Equality, Building trusting relationship	-	Teaching	1	yes	-	-	-	-	-
			Understanding the concept	-	-	-	-	-	-	-	-	-
	end	2	positive Cooperation Respecting the competence of the other profession, understanding	-	Teaching	2	yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-

Signature of the Lecturer
O.G.V. Sar Diya

Signature of the HOD *VP. Ratna*

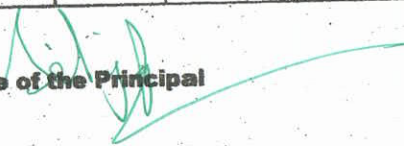
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN I (Year)								
NAME OF THE LECTURER: <i>O. G. Sai Durga</i>					CLASS: <i>IBSC, Impo-I, Impo-II</i> Semester: <i>I</i>				Paper: <i>Life Skill course</i> <i>HVPE (Ethics)</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>February</i>	<i>3rd</i>	<i>2</i>	<i>Understanding about taking initiative & promoting the culture of openness.</i>	<i>-</i>	<i>Teaching</i>	<i>2</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>predicting loyalty toward Goals & Objectives.</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>4th</i>	<i>2</i>		<i>-</i>	<i>Teaching</i>	<i>2</i>	<i>yes</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>

Signature of the Lecturer
O. G. Sai Durga

Signature of the HOD *Dr. Ratna*

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

2021-2022

ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER					CLASS :			Semester :		Paper :		
Ch. Sri Lakshmi Lavanya					II B.Sc/B.com			III		Life Skill courses		
					CURRICULAR ACTIVITY				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	3 rd	01	Syllabus and Model paper	-	Teaching	1	Yes	-	-	-	-	-
	4 th	03	Unit-I :- Arithmetic ability :- Algebraic operations, BODMAS	-	Teaching	3	Yes	-	-	-	-	-
	5 th	01	Fractions	-	Teaching	1	Yes	-	-	-	-	-
December	1 st	02	Divisibility Rules	-	Teaching	2	Yes	-	-	-	-	-
	2 nd	03	LCM and GCD (HCF), Number Series	-	Teaching	3	Yes	-	-	-	-	-
			I Mid Examinations	-	-	-	-	-	-	-	-	-

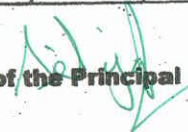
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Ch. S. L. Lavanya

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

2021-2022

ANNUAL CURRICULAR					CLASS : <u>II B.Sc/B.com PLAN II (Year)</u>				Paper : <u>Life Skill course Analytical Skills</u>			
NAME OF THE LECTURER <u>Ch. Sri Lakshmi Lavanya</u>					CURRICULAR ACTIVITY				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
December	3 rd	03	coding and decoding, Blood Relationships	-	Teaching	3	yes	-	-	-	-	-
	4 th	03	clocks, calender	Time and work	Teaching Showing in PPT	3	yes	-	-	-	-	-
	5 th	02	unit-II:- Quantitative Aptitude Averages	-	Teaching	2	yes	-	-	-	-	-
January	1 st	01	Ratio and Proportion	-	Teaching	1	yes	-	-	-	-	-
	2 nd	02	Problems on ages, Time - speed distance	-	Teaching	2	yes	-	-	-	-	-
	4 th	02	Business computations :- Percentages Profit & loss	-	Teaching	2	yes	-	-	-	-	-

Signature of the Lecturer

Ch. S. L. Lavanya

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

2021-2022

ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER: Ch. Sri Lakshmi Lavanya					CLASS: II BZBL, II B.com(G) Semester: III				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
January	5 th	03	Partnership, Simple and compound Interest	Square roots and cube roots	Teaching showing in PPT	3	Yes	-	-	-	-	-
	6 th	01	Unit-3: Data Interpretation, Tabulation	-	Teaching	1	Yes	-	-	-	-	-
February	1 st	02	Bar graphs, Pie charts	-	Teaching	2	Yes	-	-	-	-	-
	2 nd	02	Line graphs, venn Diagrams	-	Teaching	2	Yes	-	-	-	-	-
	3 rd	03	II Mid examinations	-	Teaching	3	Yes	-	-	-	-	-

Ch. S. L. Lavanya
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					B.Sc PLAN II (Year)				Mathematics - Paper - III			
NAME OF THE LECTURER: P. Satya Sangeetha					CLASS: II MECS & II MSCS Semester: III				Paper: Abstract algebra			
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	3 rd	2	Syllabus & model paper unit-I: Groups - Introduction	-	Teaching	02	Yes	-				
	4 th	6	Binary operation - Algebraic structures semigroup, monoid,	-	Teaching	06	Yes	-				
			Group def, elementary properties, finite and infinite groups	-	Teaching	-	-	-				
	5 th	2	Examples order of a group	-	Teaching	02	Yes	-				
Dec	1 st	4	Examples order of a group	-	Teaching	04	Yes	-				
	2 nd	6	composition tables with examples & mid exams	Addition modulo multiplication modulo 'P'	Teaching showing in ppt	06	Yes	-				

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Sangeetha

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V. Mahalingam

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S. Sangeetha

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021- 2022

ANNUAL CURRICULAR					PLAN 'A' (Year)				Mathematics Paper-III				
NAME OF THE LECTURER: P. Satya Sangeetha					CLASS: BSc. I - MECS & II MSCS-II Semester: III				Paper: Abstract Algebra				
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	
	3 rd	6	I mid exams, unit-II subgroup: complex def, multiplication of two complexes, inverse of a complex.	-	Teaching	03	Yes	-	-	Assignment	01	Yes	-
			subgroup def, examples, criterion for a complex to be a subgroup	-	-	-	-	-	-	-	-	-	-
	4 th	5	Criterion for the product of two subgroups to be a subgroup union & intersection of subgroups	-	Teaching	04	Yes	-	-	Assignment	01	Yes	-
			cosets & Lagrange's theorem cosets def, properties of cosets, Index of a subgroup of a finite group	-	-	-	-	-	-	-	-	-	-
	5 th	5	Lagrange's theorem unit-III: Normal subgroup def, proper & improper normal subgroup, Hamilton	-	Teaching	05	Yes	-	-	-	-	-	-

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Sangeetha

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V. Krishna

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K. S. Srinivas

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					B.Sc. PLAN II (Year)				Mathematics, Paper - III			
NAME OF THE LECTURER: P. Satya Sangeetha					CLASS: II-M.ECS & II-M.SCS-II Semester: III				Paper: Abstract Algebra			
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
			group, criterion for a subgroup to be a normal subgroup. Intersection of two normal subgroups	-	-	-	-	-				
Jan	1st	1	subgroup of index 2 is a normal subgroup quotient group	-	Teaching	01	Yes	-				
	2nd	5	quotient group, criterion for the existence of quotient group $u \sim v$ homomorphism def image of homomorphism elementary properties of homomorphism, iso morphism, automorphism & elementary properties	-	Teaching	04	Yes	-	Seminar	01	Yes	-
			image of homomorphism elementary properties of homomorphism, iso morphism, automorphism & elementary properties	-	-	-	-	-				
	3rd	0	pongal holidays	-	-	-	-	-				
	4th	4	kernel of a homomorphism fundamental theorem on homomorphism & application	-	Teaching	04	Yes	-				

Signature of the Lecturer

Sangeetha

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V. N. S. Rao

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER: P. Satya Sangeetha					CLASS: B.Sc II-MECS&II-MSC-I Semester: III				Paper: Abstract Algebra			
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
	5 th	5	applications and permutations: def permutation multiplication, inverse of a permutation	-	Teaching	04	Yes	-	Group discussion	01	Yes	-
			cyclic permutation, transposition, even & odd permutation, Cayley's theorem	-	-	-	-	-	-	-	-	-
	6 th	1	Cayley's theorem	-	Teaching	01	Yes	-	-	-	-	-
Feb	1 st	5	Unit-2 Rings: Def & basic properties, Boolean rings, Divisors of zero, cancellation law of ring, I.D, Division Ring & Field	-	Teaching	04	Yes	-	Group discussion	01	Yes	-
	2 nd	6	The characteristic of a ring, Integral domain and field, subrings	ideals	Teaching showing in ppt	-	-	-	-	-	-	-
	3 rd	6	mid Exams	-	Teaching	02	Yes	-	Quiz	01	Yes	-

Signature of the Lecturer

Sangeetha

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V. Maheswari

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K. S. Srinivas

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER					CLASS : ^{B.Sc} III MPCS-I Semester : V Sem Paper : ^{Mathematics} VB Linear Algebra								
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	
oct	1 st	1	Syllabus and model papers	—	Teaching	1	Yes	—	—	—	—	—	—
	2 nd	6	unit-I : <u>Vector Spaces-I</u> :- Vector Spaces, General properties of Vector Spaces, n-dimensional	—	Teaching	6	Yes	—	—	—	—	—	—
			Vectors, addition and scalar multiplication of vectors	—	—	—	—	—	—	—	—	—	—
			Internal & External Composition, null Space, Vector Subspaces, Algebra of Subspaces, linear sum of two subspaces	—	—	—	—	—	—	—	—	—	—

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021- 2022

ANNUAL CURRICULAR					PLAN III (Year)				CO-CURRICULAR ACTIVITY			
NAME OF THE LECTURER					CLASS : ^{B.Sc} III MPC8-1				Semester : V			
NAME OF THE LECTURER					Paper : Mathematics				Paper : Linear Algebra V(B)			
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
			Linear Combination of vectors, linear Span.	—	—	—	—	—	—	—	—	—
	3 rd	1	Linear independent & linear dependent of vectors.	—	Teaching	1	Yes	—	—	—	—	—
	4 th	5	Linear independence and linear dependence of vectors.	—	Teaching	5	Yes	—	—	—	—	—
			Unit - II :- <u>Vector Spaces</u> <u>B</u> :- Basis of vector spaces	—	—	—	—	—	—	—	—	—
			finite dimensional vector spaces, basis extension.	—	—	—	—	—	—	—	—	—
Nov	1 st	5	Co-ordinates, dimension of a vector space.	—	Teaching	5	Yes	—	—	—	—	—

Signature of the Lecturer

Mounika P.

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W. N. Sreenivasulu

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021- 2022

ANNUAL CURRICULAR					PLAN III (Year)							
NAME OF THE LECTURER: MOUNIKA.P.					CLASS: BSC BIPHOS-1				Semester: V th		Paper: Mathematics Linear algebra I (CB)	
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	1 st	5	dimension of a subspace	-	Teaching	5	Yes	-				
	2 nd	6	Dimension of a subspace, quotient space & dimension of a quotient space.	-	Teaching	6	Yes	-				
				-	-	-	-	-				
	3 rd	6	I mid Sem Examination.	-	Teaching	6	Yes	-				
	4 th	6	unit-III :- linear transformation :- linear operation	-	Teaching	6	Yes	-				
			properties of linear transformations	-	-							

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021- 2022

ANNUAL CURRICULAR					PLAN III (Year)				CO-CURRICULAR ACTIVITY			
NAME OF THE LECTURER					CLASS : ^{B.Sc} <u>U HPCB-1</u>				Semester : <u>IVth</u>			
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
	5 th	2	Sum and product of linear transformations	-	Teaching	2	Yes	-	-	-	-	-
Dec	1 st	4	Algebra of linear operators, Range and nullspace of	-	Teaching	4	Yes	-	-	-	-	-
			linear transformations	-	-	-	-	-	-	-	-	-
	2 nd	6	Rank & Nullity of linear transformation	determination of linear transformation	Teaching & showing in PPT	6	Yes	-	-	-	-	-
			Rank Nullity Theorem	determination of vector	-	-	-	-	-	-	-	-
	3 rd	6	unit-IV:- <u>matrix</u> linear Equations	-	Teaching	6	Yes	-	-	-	-	-

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CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: HOUNIKA.P					CLASS: B.Sc MPC8-1		Semester: V		Paper: Mathematics Linear algebra V(B)				
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	
	4 th	4	Characteristic values and characteristic vectors of a Square Matrix	—	Teaching	4	Yes	—	—	—	—	—	—
	5 th	5	Cayley - Hamilton theorem and problems	—	Teaching	5	Yes	—	—	—	—	—	—
Jan	1 st	1	Unit-V - Inner product space - Inner product space	—	Teaching	1	Yes	—	—	—	—	—	—
			Euclidean and unitary spaces	—	—	—	—	—	—	—	—	—	—
	2 nd	5	Inner product space, Euclidean & unitary spaces	—	Teaching	5	Yes	—	—	—	—	—	—
	3 rd	0	Pongal.	—	—	—	—	—	—	—	—	—	—

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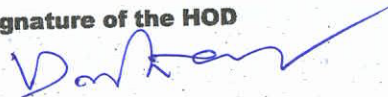
SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: <u>Mounika P</u>					CLASS: <u>B.Sc</u> <u>III MPCS-1</u>		Semester: <u>2th</u>		Paper: <u>Mathematics</u> <u>Linear Algebra - VCB</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	
	4 th	6	II Mid Examination	—	Teaching	6	Yes	—	—	—	—	—	—
	5 th	5	Norm (or) length of a vector, Schwartz inequality.	—	Teaching	4	Yes	—	Quiz	1	Yes	—	—
			parallelgram law, triangle inequality	—	—	—	—	—	—	—	—	—	—
	6 th	1	orthogonality, orthonormal set	—	Teaching	1	Yes	—	—	—	—	—	—
Feb	1 st	5	Complete orthonormal set. Gram Schmidt orthonormalization process, Bessel's inequality and Parseval's identity	Orthogonal complement	Teaching & Showing in PPT	5	Yes	—	—	—	—	—	—
				—	—	—	—	—	—	—	—	—	—

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year)				Mathematics - paper - 5A			
NAME OF THE LECTURER: <u>D. Tejaswi</u>					CLASS: <u>III B.Sc</u> <u>III M.Sc. II</u>		Semester: <u>V</u>		Paper: <u>Ring theory & vector calculus</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
oct	1 st	1	Introduction classes	-	Teaching	1	yes	-	-	-	-	-
	2 nd	6	unit-I : Def of Rings & basic properties, Boolean rings, Division of zero & cancellation laws, special types of Rings. Def of Integral domain, the -1d, theorems.	-	Teaching	6	yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
	3 rd	1	Idempotent element nilpotent element, characteristic of a ring.	-	Teaching	1	yes	-	-	-	-	-
	4 th	5	characteristic of an integral domain, characteristic of a field	-	Teaching	5	yes	-	-	-	-	-
			non-commutative ring. Subrings: Def of sub-ring, subring & sub field, ideal theorems.	-	-	-	-	-	-	-	-	-

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D. N. Lakshmi

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year) Mathematics - papers A & B Ring Theory & vector calculus								
NAME OF THE LECTURER: D. Tejaswi					CLASS: BSc - III / MScs II Semester: II				Paper: II				
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	6	unit-II Def of Homomorphism, Homomorphic Image, elementary properties of homomorphism	-	Teaching	6	yes	-	-	-	-	-	-
			kernel of a Homomorphism, Fundamental theorem & examples	-	Teaching	5	yes	-	-	-	-	-	-
	2nd	6	maximal ideal definition & theorem, Prime ideal, Field of quotient of an integral domain	-	Teaching	6	yes	-	-	-	-	-	-
			Mid Exams	-	-	-	-	-	-	-	-	-	-

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D. Tejaswi

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D. Mahalingam

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: D. Tejaswi					CLASS: III BSc - III MSc II			Semester: II		Paper: Mathematics - paper - 5A Ring Theory & vector calculus			
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	
	4th	6	unit - III vector Differentiation. Derivative of a vector function. Def & theorems. partial def	-	Teaching	5	yes	-		Assignment	01	yes	-
	5th	2	Differential operators: Differentiability, Gradient of a scalar function.	-	Teaching	2	yes	-		-	-	-	-
Dec	1st	4	level surface, directional derivative.	-	Teaching	3	yes	-		classroom seminar	01	yes	-
	2nd	6	Operators, Divergence, curl operators, problems involving these operators, vector identities.	partial Differentiation	Teaching & showing ppt	6	yes	-		-	-	-	-
	3rd	6	vector identities, unit - IV vector integration, Def of integral, based on problems, Line integral	-	Teaching	5	yes	-		Quiz	01	yes	-
	4th	4	problems on line integral, surface integrals.	-	Teaching	4	yes	-		-	-	-	-

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V. N. S. R.

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M. S. R.

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2021 - 2022

ANNUAL CURRICULAR					CLASS : <u>B.Sc</u> <u>PLAN III (Year)</u> <u>IV MScCS II</u> Semester : <u>V</u>				Paper : <u>Mathematics - paper - 5A</u> <u>Ring theory & vector calculus</u>			
NAME OF THE LECTURER <u>D. Tejawi</u>					CURRICULAR ACTIVITY				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
	5th	5	surface integral volume integral	-	Teaching	4	yes	-	Group Discussion	01	yes	-
Jan	1st	1	unit 5: Integral transformation Theorem & Gauss's	-	Teaching	1	yes	-	-	-	-	-
	2nd	5	problems on Gauss theorem, Green's theorem	-	Teaching	5	yes	-	-	-	-	-
	3rd	0	Pongal holidays	-	-	-	-	-	-	-	-	-
	4th	6	II mid Exams	-	-	-	-	-	-	-	-	-
	5th	5	problems on Green's theorem	-	Teaching	5	yes	-	-	-	-	-
	6th	1	Stokes's theorem	-	Teaching	1	yes	-	-	-	-	-
Feb	1st	5	problems on Stokes's theorem	-	Teaching	5	yes	-	-	-	-	-

Signature of the Lecturer

D. Tejawi

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D. M. Lakshmi

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