

ANNUAL CURRICULAR					PLAN I (Year)								
NAME OF THE LECTURER: MOONIKA.P					CLASS: I B.Sc / IMSCS-1 / Semester: I			Mathematics-I Equations Paper: Differential					
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	1st	6	Syllabus, model paper Introduction UNIT:-	-	Teaching	06	Yes	-	-	-	-	-	-
			D.E of first order and finite degree linear Diff eqn's	-	-	-	-	-	-	-	-	-	-
	2nd	6	Differential Eqn's reducible to linear form.	-	Teaching	06	Yes	-	-	-	-	-	-
	3rd	6	Exact Equations	-	Teaching	06	Yes	-	-	-	-	-	-
	4th	6	Integrating factors	-	Teaching	06	Yes	-	-	-	-	-	-
March	1st	6	Unit-II Differential Eqn's of first order but not of first degree	-	Teaching	05	Yes	-	Seminar	01	Yes	-	-
			Equations Solvable for 'P'	-	-	-	-	-	-	-	-	-	-
March	2nd	5	Equations Solvable for y and	-	Teaching	04	Yes	-	Seminar	01	Yes	-	-
	3rd	6	Equations Solvable for x & Clairaut's Equations.	orthogonal trajectories	Teaching & showing in ppt.	06	Yes	-	-	-	-	-	-

Signature of the Lecturer

*Moonika.P*

Signature of the HOD

*V.M.*

Signature of the Principal

*[Signature]*

1606-0206

ANNUAL CURRICULAR					PLAN I (Year)							
NAME OF THE LECTURER - MOUNIKA P					I B.Sc. IMSCS-I				Mathematics-I			
					CLASS : IMSCS-I				Semester : I			
					Paper : Differential eqs							
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 Higher order linear differential - I Solution of homogeneous differential equations of order n with constant coefficients General solution of $f(D)y=0$	-	Teaching	05	Yes	-	Group Discussion	01	Yes	-
				-	Teaching	-	-	-		-	-	-
				-	Teaching	-	-	-		-	-	-
March	5th	2	G.S of $f(D)y=Q$ when $Q$ is a function of $x$ $Yf(D)$ is expressed as a partial fractions P.I of $f(D)y=Q$ when $Q = b \cdot e^{ax}$	-	Teaching	01	Yes	-	Group Discussion	01	Yes	-
				-	Teaching	-	-	-		-	-	-
				-	Teaching	-	-	-		-	-	-
April	1st	2	P.I of $f(D)y=Q$ when $Q$ is $b \cdot \sin ax$ or $b \cdot \cos ax$	-	Teaching	02	Yes	-		-	-	-
	2nd	6	Unit : Solutions of the non-homogeneous linear Equations with constant coefficients. P.I of $f(D)y=Q$ when	-	Teaching	06	Yes	-		-	-	-
				-	Teaching	-	-	-		-	-	-

Signature of the Lecturer

Mounika P

Signature of the HOD

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Signature of the Principal

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ANNUAL CURRICULAR					PLAN I (Year)											
NAME OF THE LECTURER: MOUNIKA.P					I.B.S.-I MSCS-1 CLASS: I MPC8-1				Semester: I				Mathematics - I Paper: differential eqns.			
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				
			$Q = b x^k, Q = e^{ax} \cdot v$ where $v$ is function of $x$ .	-	-	-	-	-	-	-	-	-	-			
April	3 <sup>rd</sup>	4	P.I of $f(D)y = Q$ when $Q = x v$ , $v$ is a function of $x$ .	-	03	Yes	-	Quiz	01	Yes	-	-	-			
	4 <sup>th</sup>	5	P.I of $f(D)y = Q$ , where $Q = x^m \cdot v$ where $v$ is a function of $x$	-	04	Yes	-	Quiz	01	Yes	-	-	-			
				-	-	-	-	-	-	-	-	-	-			
	5 <sup>th</sup>	5	unit - II method of variation of parameters, the Cauchy Euler's Equations	-	05	Yes	-	-	-	-	-	-	-			
				-	-	-	-	-	-	-	-	-	-			
May	1 <sup>st</sup>	1	Legendre's linear Equations	-	01	Yes	-	-	-	-	-	-	-			
	2 <sup>nd</sup>	6	linear diff eqn's linear constant coeffic	-	06	Yes	-	-	-	-	-	-	-			
			ents. (Solution when a part of C.F. is known method only)	-	-	-	-	-	-	-	-	-	-			

Signature of the Lecturer  
Mounika.P

Signature of the HOD  
D. N. K.

Signature of the Principal  
S. S. S.

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year) I year <i>life skill course</i>								
NAME OF THE LECTURER <i>O. G. V. Sai Diya</i>					CLASS : <i>IB.Sc</i> <i>IB.Sc (D)</i> Semester : <i>I</i>				Paper : <i>Ethics (H.U.P.E)</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>3</i>	<i>3</i>	<i>unit 1 understanding the need, basic Guidelines.</i>	-	<i>Teaching</i>	<i>03</i>	<i>yes</i>	-	-	-	-	-	-
	<i>4</i>	<i>3</i>	<i>Content &amp; process for value Education on understanding the</i>	-	<i>Teaching</i>	<i>03</i>	<i>yes</i>	-	-	-	-	-	-
			<i>thought provoking issues, need for values in our daily</i>	-	-	-	-	-	-	-	-	-	-
			<i>life, choices, making Choosing, cherishing &amp; acting, understanding</i>	-	-	-	-	-	-	-	-	-	-
<i>March</i>	<i>1</i>	<i>3</i>	<i>Personal values, Social, moral, Spiritual values.</i>	<i>Need of body &amp; self and Self Exploration</i>	<i>Teaching</i>	<i>03</i>	<i>yes</i>	-	-	-	-	-	-
			<i>unit 1 understanding harmony in family, The basic unit of harmony human</i>	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer  
*O. G. V. Sai Diya*

Signature of the HOD *V. N. Rao*

Signature of the Principal *[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN I (Year)				CO-CURRICULAR ACTIVITY			
NAME OF THE LECTURER: O.G.V. Sai Diya					CLASS: I B.Sc. Semces Semester: I Paper: English				Life skill course			
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
March	1	3	Interaction, understand the set of proposals of verify the harmony in the family, Trust & Respect	-	Teaching	03	yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
April	1	2	Unit-III understanding about professional Integrity Privacy Respect & Equality	-	Teaching	02	yes	-	-	-	-	-
	2	3	Building trusting Relationships understanding the concepts, positive Co-operations, Respecting the Com	-	Teaching	03	yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
	3	2	Competence of the other profession, understanding about taking initiative	-	Teaching	02	yes	-	-	-	-	-

Signature of the Lecturer

O.G.V. Sai Diya

Signature of the HOD

D. N. Kumar

Signature of the Principal

*(Signature)*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN I (Year)									
NAME OF THE LECTURER: <i>O.G.V. Sai Divya</i>					CLASS: <i>IBSE</i>				Semester: <i>I</i>		Paper: <i>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>April</i>	<i>3</i>	<i>2</i>	<i>and promoting the culture of Openness.</i>	<i>-</i>	<i>Teaching</i>	<i>02</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
	<i>4</i>	<i>2</i>	<i>pepicting loyalty towards Goals</i>	<i>-</i>	<i>Teaching</i>	<i>02</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
			<i>and Objectives.</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.V. Sai Divya*

Signature of the HOD

*D.M. Karan*

Signature of the Principal

*[Signature]*

ANNUAL CURRICULAR					III B.Sc PLAN III (Year)				Mathematics, Paper - I			
NAME OF THE LECTURER V. Indira Priyadarshini					CLASS : IIMPC-II, IIMS-I Semester : I sem				Paper : IB - 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
November	3rd	3	Syllabus, Model Papers, UNIT I : vector spaces - I Vector spaces, general	-	Teaching	3	Yes	-	-	-	-	-
			Properties of vector spaces, n-dimensional vectors, Addition & Scalar Multi-	-	-	-	-	-	-	-	-	-
			plication of vector, Internal & external composition, Null Space.	-	-	-	-	-	-	-	-	-
	4th	6	Vector subspaces, Algebra of subspaces, Linear sum of two subspaces.	-	Teaching	6	Yes	-	-	-	-	-
	5th	1	Linear Combination of vectors, Linear Span.	-	Teaching	1	Yes	-	-	-	-	-
December	1st	5	Linear Combination of vectors, Linear span, linear independence and linear dependence of vectors	-	Teaching	5	Yes	-	-	-	-	-
	2nd	6	UNIT II : Vector spaces - II Basis of vector space, Finite dimensional vector spaces, Basis Extension, coordinates.	-	Teaching	6	Yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
	3rd	6	Dimension of vector space, Dimension of a subspace, Quotient space & dimension of Quotient space	Determination linear transformation & its subspaces at Vector	Teaching	6	Yes	-	-	-	-	-

Signature of the Lecturer  
Indira

Signature of the HOD  
V. Indira Priyadarshini

Signature of the Principal  
V. Indira Priyadarshini

ANNUAL CURRICULAR					III B.Sc PLAN III (Year) Mathematics, Linear Algebra								
NAME OF THE LECTURER V. Indira Priyadarshini					CLASS : IIMPC-II, IIMS-I Semester : V Sem				Paper : VB				
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	5	UNIT III: Linear Transformations: Linear transformations, Linear operators, Properties of linear transformation, Sum of linear transformations.	-	Teaching	5	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	5th	4	Mid exams, Product of linear transformation.	-	Teaching	4	Yes	-	-	-	-	-	-
January	1st	2	Algebra of linear operators.	-	Teaching	2	Yes	-	-	-	-	-	-
	2nd	6	Range and Nullspace of linear transformation, Rank and Nullity of linear transformations, Rank-Nullity theorem.	-	Teaching	6	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	3rd	1	UNIT-IV: matrices, elementary Properties of matrices, Inverse matrices, Rank of matrix.	-	Teaching	1	Yes	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	4th	6	Linear equations.	-	Teaching	6	Yes	-	-	-	-	-	-

Signature of the Lecturer  
*V. Indira Priyadarshini*

Signature of the HOD  
*D. Anitha*

Signature of the Principal  
*[Signature]*



ANNUAL CURRICULAR					III B.Sc PLAN III (Year)				Mathematics, Paper - Paper: VB-Linear Algebra			
NAME OF THE LECTURER V. Indira Priyadarshini					CLASS: III B.Sc Semester: V sem							
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	5	Characteristic roots, characteristic values and vectors of square matrix.	-	Teaching	5	Yes	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
February	1st	6	Cayley-Hamilton theorem	orthogonal complement	Teaching & showing in ppt	6	Yes	-	-	-	-	-
	2nd	6	Unit V: Inner Product space	-	Teaching	6	Yes	-	-	-	-	-
			Eucledian and Unitary spaces, Norm (or) Length of vectors, Schwarz's inequality, triangle inequality, Parallelogram law	-	-	-	-	-	-	-	-	-
	3rd	6	Problems on Cauchy-Schwarz inequality	-	Teaching	5	Yes	-	Quiz	1	Yes	-
			and norm of vectors. Orthogonality, orthonormal sets, Complete orthonormal sets	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-

Signature of the Lecturer *Indira*

Signature of the HOD *V. Indira*

Signature of the Principal *[Signature]*

ANNUAL CURRICULAR					PLAN III (Year) Mathematics Linear Algebra							
NAME OF THE LECTURER V. Indira Priyadarshini					CLASS : <sup>III B SC</sup> <del>III MPC-II</del> , <del>III MS-I</del> Semester : V Sem				Paper : VB			
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	4th	6	Gram-Schmidt orthogonalisation process	-	Teaching	6	Yes	-	-	-	-	-
March	1st	6	Mid exam, Bessels Inequality and Parseval's Identity.	-	Teaching	5	Yes	-	Quiz	1	Yes	-
				-	-	-	-	-	-	-	-	-

Signature of the Lecturer *V. Indira*

Signature of the HOD *V. Indira*

Signature of the Principal *[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 20<sup>20</sup>- 20<sup>21</sup>**

ANNUAL CURRICULAR					PLAN III (Year)				CO-CURRICULAR ACTIVITY			
NAME OF THE LECTURER					CLASS :				Paper :			
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
NOV	3	3	syllabus & model papers Unit-1 def of Ring	-	Teaching	3	yes	-				
			& Basic properties	-								
	4	6	Bodean rings, divisors of zero of cancellation property of a ring	-	Teaching	6	yes	-				
	5	1	Integral domain	-	Teaching	1	yes	-				
DEC	1	5	division ring and field, characteristic of ring, the	-	Teaching	5	yes	-				
			characteristic of an integral domain and field.	-	-	-	-	-				

MA) mathematics - paper - 5  
 Ring Theory & vector calculus

Signature of the Lecturer  
 M.B. Rajya Lakshmi

Signature of the HOD  
 D. N. Kumar

Signature of the Principal  
 K. S. Lakshmi

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN III (Year)								
NAME OF THE LECTURER: M.B. RAJYA CAKSHAM					CLASS: B.Sc. T.E. Comp Semester: IV				Paper: mathematics - paper - 5 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	
Dec	2	6	sub ring and ideals. <u>unit-II</u> def. of	-	teaching	6	yes	-	-	-	-	-	-
			homomorphism, homomorphic image	-	-	-	-	-	-	-	-	-	-
	3	6	Elementary Properties of homomorphism, kernel of homomorphism	-	teaching	5	yes	-	Assignment	1	yes	-	-
	4	5	Fundamental Theorem of homo., maximal & prime ideal	-	teaching	5	yes	-	-	-	-	-	-
	5	4	mid exam Theorem on prime ideal	-	teaching	4	yes	-	-	-	-	-	-
Jan	1	2	<u>unit-III</u> : vector differentiation def.	-	teaching	2	yes	-	-	-	-	-	-

Signature of the Lecturer

M.B. Rajya Caksham

Signature of the HOD

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Signature of the Principal

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN III (Year)											
NAME OF THE LECTURER <i>M.B. DASYA LAKSHMI</i>					CLASS <i>III B.Sc. P.E. Comp</i>				Semester: <i>IV</i>				Paper: <i>mathematics - V, Ring theory &amp; vector calculus</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	2	6	ordinary derivation of vectors. Differentiability, & Gradient	-	Teaching	6	Yes	-	-	-	5	-	-			
	3	1	examples on Gradient	-	Teaching	1	Yes	-	-	-	-	-	-			
	4	6	Divergence, curl operators, formula involving these operators	Partial differentiation	Teaching & showing in PPT	6	Yes	-	-	-	-	-	-			
	5	5	vector identities, unit-iv vector Integration, line integral	-	Teaching	5	Yes	-	-	-	-	-	-			
Feb	1	6	line integral, surface integral	-	Teaching	6	Yes	-	-	-	-	-	-			
	2	6	surface, volume integral with examples	-	Teaching	6	Yes	-	-	-	-	-	-			

Signature of the Lecturer  
*M.B. Dasya*

Signature of the HOD  
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Signature of the Principal  
*[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 2021**

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: M.B. RASZYALAKSHMI					CLASS: III BSc P.E. Comp. Semester: 2				Paper: Mathematics - V 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	
Feb	3	6	volume integral unit-V: vector integration	-	teaching	6	yes	-	-	-	-	-	-
			Applications, Theorem of Gauss & Application	-	-	-	-	-	-	-	-	-	-
	4	6	Green theorem and application	-	teaching	6	yes	-	-	-	-	-	-
march	1	3+2	Stoke theorem (mid II)	-	teaching	2	yes	-	-	-	-	-	-
	2	5	Application of Stoke theorem	-	teaching	5	yes	-	-	-	-	-	-

Signature of the Lecturer

M.B. Raza

Signature of the HOD

D. Anitha

Signature of the Principal

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 20 21**

ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER <u>D. Tejaswi</u>					CLASS : <u>BSC JIMPCI &amp; JIMSCS II</u> Semester : <u>III</u>				Paper : <u>Mathematics - paper-3</u> <u>Abstract Algebra</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
Nov	3	3	Syllabus & model papers.	-	Teaching	3	Yes	-	-	-	-	-
	4	6	Unit-I Groups Binary operation, Algebraic Structure, Semi	-	Teaching	6	Yes	-	-	-	-	-
	5	1	Group, monoid. Group definition.	-	Teaching	1	Yes	-	-	-	-	-
Dec	1	5	Elementary properties finite & infinite group examples.	-	Teaching	5	Yes	-	-	-	-	-
	2	6	Finite & infinite groups examples.	-	Teaching	6	Yes	-	-	-	-	-
	3	6	order of a group. composition tables with examples.	-	Teaching	6	Yes	-	-	-	-	-

Signature of the Lecturer

D. Tej

Signature of the HOD

D. N. Reddy

Signature of the Principal

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021.**

ANNUAL CURRICULAR					PLAN II (Year)							
NAME OF THE LECTURER: <u>D. Tejarevi</u>					CLASS: <u>II BSC - IIMPCI &amp; IIMSCS II Semester: III</u>				Paper: <u>Mathematics - paper 3 - Abstract Algebra</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	4	5	Unit II: Subgroups Complex def, multiplication of two complex Inverse of Complex, Subgroup def & examples.	-	Teaching	5	yes	-	-	-	-	-
	5	4	Criterion for a complex to be a subgroup, criterion for the product of two subgroups to be a subgroup, union & intersection of subgroups.	-	Teaching	4	yes	-	-	-	-	-
Jan	1	2	Cosets & Lagrange's theorem. Coset def, properties of Coset, index of a subgroup of a finite group.	-	Teaching	2	yes	-	-	-	-	-
	2	2	Lagrange's theorem.	-	Teaching	2	yes	-	-	-	-	-
	3	1	Unit-III Normal Subgroups; definition, proper & improper Normal Subgroups.	-	Teaching	2	yes	-	Seminar	1	yes	-
	4	6	Hamilton group, criterion for a subgroup to be a normal subgroup, intersection of two normal subgroups, Subgroup of index 2 is a normal subgroup, simple group.	-	Teaching	5	yes	-	Assignment	01	yes	-

D. Tejarevi  
Signature of the Lecturer

V. M. Lakshmi  
Signature of the HOD

[Signature]  
Signature of the Principal



SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2020 - 2021

ANNUAL CURRICULAR					PLAN II (Year)				Mathematics - paper-3			
NAME OF THE LECTURER: D. Tejaswini					CLASS: II BSc II MPC I & II MPC 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
Feb	1	6	unit - I: Homomorphism Definition, Image of homomorphism, elementary properties	-	Teaching	5	yes	-	Group Discussion	1	yes	-
			of homomorphism, Isomorphism, Automorphism def & elementary properties, kernel	-	-	-	-	-	-	-	-	-
	2	6	Fundamental theorem on homomorphism & application	-	Teaching	5	yes	-	Quiz	1	yes	-
	3	6	unit - II: permutation & cyclic groups: def of permutation, permutation multiplication	-	Teaching	6	yes	-	-	-	-	-
			Inverse of a permutation, cyclic permutation, transposition	-	-	-	-	-	-	-	-	-
	4	6	even & odd permutations, Cayley's theorem	-	Teaching	6	yes	-	-	-	-	-

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D. Tejaswini

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V. S. M. K. Lakshmi

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN II (Year)				Mathematics - paper 3-			
NAME OF THE LECTURER: D. Tejalaxmi					CLASS: II BSc - IIMPCI & IIMSCS 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
March	1	2	cyclic groups; Def of cyclic groups, elementary	-	Teaching	2	yes	-				
	2	5	properties. Classification of cyclic groups.	Ideals	Teaching & showing PPT	5	yes	-				

Signature of the Lecturer

D. Tej

Signature of the HOD

D. Tejalaxmi

Signature of the Principal

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