

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

| ANNUAL CURRICULAR | | | | | PLAN I (Year) | | | | | | | | | | | |
|-----------------------------------------|------|-----------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|----------------|-------------------|-----------------------|------------------------|----------------|-------------------|-----------------------|----------------------|--|--|--|
| NAME OF THE LECTURER: V.D. Ratna Kumari | | | | | CLASS: IBSE m pes-II, MECS | | | | Semester: I | | | | Paper: Mathematics-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 | | | | |
| June | 3rd | 7 | Unit-I Introduction about paper, Linear diff eqns | - | Teaching | 7 | yes | - | - | - | - | - | - | | | |
| | 4th | 7 | Diffeqns reducible to linear form, Exact diff eqns | - | Teaching | 7 | yes | - | - | - | - | - | - | | | |
| July | 1st | 7 | Integrating factors | - | Teaching | 7 | yes | - | - | - | - | - | - | | | |
| | 2nd | 6 | change of Variable, equation reducible to 1st order & 1st degree $P = \frac{dy}{dx}$ Subs | - | Teaching Showing in PPT | 6 | yes | - | - | - | - | - | - | | | |
| | 3rd | 7 | Unit-II Orthogonal trajectories | - | Teaching | 7 | yes | - | - | - | - | - | - | | | |
| | 4th | 7 | Equations Solvable for p, for y for x | - | Teaching | 6 | yes | - | - | - | - | - | - | | | |

V.D. Ratna Kumari
Signature of the Lecturer

Signature of the HOD

V.D. Ratna Kumari

Signature of the Principal

(Signature)

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

| ANNUAL CURRICULAR | | | | | PLANT (Year) | | | | | | | | |
|-----------------------------------------|------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|----------------|-------------------|-----------------------|------------------------|----------------|-------------------|-----------------------|---|
| NAME OF THE LECTURER: V.O. Ratna Kumari | | | | | CLASS: BSc MPC-II M.ECS Semester: I | | | | Paper: Mathematics-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 | |
| Aug | 1st | 4 | Eqns that do not contain x (or y) Clairaut's eqn | - | Teaching | 4 | yes | - | - | - | - | - | - |
| | 2nd | 6 | Unit-III: Sol of homogeneous & non homogeneous linear diff eqns with constant coefficients As of $f(x)y = Q$, $f(x)$ expressed as partials | - | Teaching | 5 | yes | - | Quiz | 1 | yes | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - |
| | 3rd | 6 | PI of $f(x)y = Q$ when $Q = b e^{ax}$ $Q = \sin bx$ or $\cos bx$ | - | Teaching | 6 | yes | - | - | - | - | - | - |
| | 4th | 7 | Unit IV PI of $f(x)y = Q$ $Q = b x^k$, $Q = e^{ax}$ | - | Teaching | 7 | yes | - | - | - | - | - | - |
| Sep | 1st | 7 | PI of $f(x)y = Q$ when $Q = x^m$, $Q = x^m V$ | - | Teaching | 6 | yes | - | ASSignment | 1 | yes | - | - |

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| ANNUAL CURRICULAR | | | | | PLAN I (Year) | | | | | | | | |
|-------------------------------------------------|------|-----------------|---------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------|-------------------|-----------------------|------------------------|----------------------------------------------------------|-------------------|-----------------------|--|
| NAME OF THE LECTURER: <i>V. D. Ratna Kumari</i> | | | | | CLASS: <i>IBScmpcs-^{MECS}</i> | | | Semester: <i>I</i> | | Paper: <i>Differential Equations Mathematics - I</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 | |
| Sep | 2nd | 4 | <i>Unit - I method of variation of parameters</i> | - | Teaching | 4 | Yes | - | | | | | |
| | 3rd | 7 | <i>Linear diff eqns for the non constant coefficients Cauchy-Euler eqns</i> | - | Teaching | 6 | Yes | - | Class room Seminar | 1 | Yes | - | |
| | 4th | 7 | <i>Legendre eqns</i> | - | Teaching | 7 | Yes | - | | | | | |
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V. D. Ratna Kumari
Signature of the Lecturer

Signature of the HOD *V. D. Ratna Kumari*

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Signature of the Principal

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

B.Sc. mathematics

| ANNUAL CURRICULAR | | | | | PLAN II (Year) | | | | | | | | |
|---------------------------------------|-----------------------|-----------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------------|------------------------|----------------|-------------------|-----------------------|----------|
| NAME OF THE LECTURER: <i>K. Ramya</i> | | | | | CLASS: <i>II B.Sc. mpcos-II & II mcs</i> Semester: <i>3rd Sem</i> Paper: <i>Abstract Algebra - 3</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>June</i> | <i>1st</i> | <i>2</i> | <i>syllabus & model paper</i> | <i>-</i> | <i>teaching</i> | <i>02</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>2nd</i> | <i>6</i> | <i>Binary operation def. & unit: def. of groups & elementary properties & example problem.</i> | <i>-</i> | <i>teaching</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>3rd</i> | <i>6</i> | <i>ex-(a), examples & ex-(b) problems.</i> | <i>-</i> | <i>teaching</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>4th</i> | <i>6</i> | <i>Theorem on order of an element of a group and Problem on ex(1)</i> | <i>addition modulo m & multiplication modulo p.</i> | <i>teaching & showing in ppt.</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| <i>July</i> | <i>1st</i> | <i>6</i> | <i>sub groups: definition and Theorem on sub groups.</i> | <i>-</i> | <i>teaching</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>2nd</i> | <i>6</i> | <i>Problem on ex(1) & Theorem on sub groups</i> | <i>-</i> | <i>teaching</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |

K. Ramya
Signature of the Lecturer

Signature of the HOD *M.D. Ratnala*

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

| ANNUAL CURRICULAR | | | | | PLAN II (Year) | | | | | | | |
|--------------------------------------|-----------------|-----------------|--------------------------------------------------------------------------|--------------------------------------------------|---------------------------------|----------------|---------------------------|-----------------------|-------------------------------------------------|----------------|-------------------|-----------------------|
| NAME OF THE LECTURER <i>K. Ranja</i> | | | | | CLASS <i>B.Sc mpc-s-II, mcs</i> | | Semester : <i>3rd sem</i> | | Paper : <i>Mathematics Abstract Algebra - 3</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 |
| July | 3 rd | 6 | Cosets: definitions & Theorem of Cosets & Lagrange Theorem. | - | teaching | 05 | Yes | - | seminar | 01 | Yes | - |
| | 4 th | 6 (hrs) | normal subgroups definition & Theorem & mid exam | - | teaching | 05 | Yes | - | seminar | 01 | Yes | - |
| Aug | 1 st | 3 | homomorphism: definition & Theorem & homomorphism & kernel definition. | - | teaching | 03 | Yes | - | - | - | - | - |
| | 2 nd | 5 | Theorems on kernel of homomorphism & fundamental Theorem. | - | teaching | 04 | Yes | - | quiz | 01 | Yes | - |
| | 3 rd | 6 | defn. of Automorphism, inner Automorphism, and permutation groups. defn. | - | Teaching & | 06 | Yes | - | - | - | - | - |
| | 4 th | 6 | problems on permutation group & Theorem. | - | Teaching | 05 | Yes | - | quiz | 01 | Yes | - |

K. Ranja
 Signature of the Lecturer

Signature of the HOD *Dr. Ratna*

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 Signature of the Principal

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

B.Sc. mathematics

| ANNUAL CURRICULAR | | | | | PLAN II (Year) | | | | | | | | |
|--------------------------------------|-----------------------|-----------------|------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|----------------|--------------------------------------|-----------------------|-------------------------------------|----------------|-------------------|-----------------------|----------|
| NAME OF THE LECTURER <i>K. Ramya</i> | | | | | CLASS : <i>B.Sc mpc-II II mcq</i> | | Semester : <i>2nd sem</i> | | Paper : <i>Abstract Algebra - 3</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>sep</i> | <i>1st</i> | <i>6</i> | <i>Cyclic groups: definition & Theorems, Properties of cyclic groups</i> | <i>-</i> | <i>Teaching</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>2nd</i> | <i>2 1/2</i> | <i>Classification of cyclic groups & Theorems & mid exam</i> | <i>-</i> | <i>Teaching</i> | <i>05</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| | <i>3rd</i> | <i>6</i> | <i>Theorems and Example Problems</i> | <i>-</i> | <i>Teaching</i> | <i>05</i> | <i>Yes</i> | <i>-</i> | <i>Group Discussion</i> | <i>01</i> | <i>Yes</i> | <i>-</i> | <i>-</i> |
| | <i>4th</i> | <i>6</i> | <i>Theorems and problem on ex(8)</i> | <i>Ideals</i> | <i>Teaching & showing in ppt</i> | <i>06</i> | <i>Yes</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> | <i>-</i> |
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K. Ramya
Signature of the Lecturer

Signature of the HOD *D. Ratna*

Signature of the Principal *[Signature]*

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

| ANNUAL CURRICULAR | | | | | PLAN III (Year) | | | | | | | |
|------------------------------------|-----------------|-----------------|----------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|----------------|-------------------|-----------------------|------------------------|-------------------------|-------------------|-----------------------|
| NAME OF THE LECTURER: B. Pejaswini | | | | | CLASS: III BSc | | | Semester: V | | Paper: VB (mathematics) | | |
| 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 |
| June | 1 st | 2 | Syllabus, university model paper. unit-I: vector spaces, general properties of vector spaces | - | Teaching | 02 | Yes | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - |
| | 2 nd | 6 | Internal and External composition null space, subspaces | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 3 rd | 6 | Algebra of subspaces linear sum of 2 S.S. linear combination | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 4 th | 6 | of vectors linear Independence & linear dependence of vectors | - | Teaching | 06 | Yes | - | - | - | - | - |
| July | 1 st | 6 | Unit-II: vector spaces-II Basis of vector space finite dimensional vector space. | - | Teaching | 06 | Yes | - | - | - | - | - |

B. Pejaswini
Signature of the Lecturer

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D. N. K. ...

Signature of the Principal
M. ...

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

| ANNUAL CURRICULAR | | | | | PLAN III (Year) | | | | | | | |
|-------------------------------------------|------|-----------------|------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|----------------|---------------------|-----------------------|----------------------------------------------------------|----------------|-------------------|-----------------------|
| NAME OF THE LECTURER: <u>B. Rajaswini</u> | | | | | CLASS: <u>III BSc</u> | | Semester: <u>IV</u> | | Paper: <u>mathematics - V B</u> <u>Linear 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 |
| | | | Basis Extension Co-ordinates | - | - | - | - | - | - | - | - | - |
| | 2nd | 6 | Dimension of a vector space, Dimension of S.S, Quotient space and dimension of Quotient space. | - | Teaching | 06 | Yes | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - |
| | 3rd | 6 | Unit-III linear transformation linear transformations | - | Teaching | 06 | Yes | - | - | - | - | - |
| | | | linear operators, properties of L.T | - | - | - | - | - | - | - | - | - |
| | 4th | 6 | sum and product of L.T's algebra of L.O's range and nullspace of L.T's | - | Teaching | 06 | Yes | - | - | - | - | - |

B. Rajaswini
Signature of the Lecturer

Signature of the HOD
W. Ankan

Signature of the Principal
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
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| ANNUAL CURRICULAR | | | | | PLAN III (Year) | | | | | | | | |
|-------------------------------------------|------|-----------------|--------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------|----------------|---------------------|-----------------------|-----------------------------------------------|----------------|-------------------|-----------------------|---|
| NAME OF THE LECTURER: <u>B. Tyagarani</u> | | | | | CLASS: <u>III Bsc Impa-II</u> | | Semester: <u>IV</u> | | Paper: <u>mathematics - VB Linear Algebra</u> | | | | |
| MONTH | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY | | | | CO- CURRICULAR ACTIVITY | | | | |
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| Aug | 1st | 4 | Rank and nullity of L.Ts. Rank nullity theorem | Determination of linear transformation, transformation of v_3 | Teaching showing in ppt | 04 | Yes | - | - | - | - | - | - |
| | 2nd | 5 | Unit - IV matrix fundamentals of matrices, linear Eqs | - | Teaching | 04 | Yes | - | Seminar | 01 | Yes | - | - |
| | 3rd | 6 | characteristic roots, characteristic values and vectors of square matrix | - | Teaching | 06 | Yes | - | - | - | - | - | - |
| | 4th | 6 | Cayley hamilton theorem | - | Teaching | 06 | Yes | - | - | - | - | - | - |
| Sep | 1st | 6 | Unit V Inner product space:- Inner product spaces, Euclidean & unitary | - | Teaching | 06 | Yes | - | - | - | - | - | - |
| | 2nd | 2 | spaces norm (or) length of a vector, Cauchy-schwarz inequality. | - | Teaching | 02 | Yes | - | - | - | - | - | - |

B. Tyagarani
Signature of the Lecturer

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U. S. K. Reddy

Signature of the Principal
[Signature]

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CURRICULUM LECTURER WISE 2019 - 2020

| ANNUAL CURRICULAR | | | | | PLAN III (Year) | | | | | | | | |
|-------------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|----------------|-------------------|-----------------------|------------------------|----------------|------------------------------|-----------------------|---|
| NAME OF THE LECTURER: <i>B. Nejarwini</i> | | | | | CLASS: <i>III Mpcr-II</i> | | | Semester: <i>V</i> | | | Paper: <i>mathematics VB</i> | | |
| MONTH | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY | | | | CO-CURRICULAR ACTIVITY | | | | |
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| | | | <i>Triangles inequality and parallelogram law of vectors</i> | - | - | - | - | - | - | - | - | - | - |
| | <i>3rd</i> | <i>6</i> | <i>orthogonality, orthonormal set, complete orthonormal set</i> | - | <i>Teaching</i> | <i>06</i> | <i>Yes</i> | - | - | - | - | - | - |
| | <i>4th</i> | <i>6</i> | <i>Gram schmidt orthogonalisation process, Bessel's inequality and Parseval's identity</i> | <i>orthogonal complement</i> | <i>Teaching showing in ppt</i> | <i>05</i> | <i>Yes</i> | - | <i>Assignment</i> | <i>01</i> | <i>Yes</i> | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - |
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B. Nejarwini
Signature of the Lecturer

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Dr. K. S. Reddy

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

| ANNUAL CURRICULAR | | | | | CLASS : <u>III Bsc - PLAN III (Year)</u> <u>Mathematics.</u> Semester : <u>II Sem</u> Paper : <u>IA. Ring theory & Vector calculus.</u> | | | | | | | |
|---------------------------------------------|----------------------|-----------------|-----------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------------|------------------------|----------------|-------------------|-----------------------|
| NAME OF THE LECTURER <u>M. Rama Sailaja</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 |
| June | 1 st week | 2 | Introduction class | - | Teaching | 02 | Yes | - | - | - | - | - |
| | 2 nd week | 6 | unit:1- Rings of upto field | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 3 rd week | 6 | Theorem (i), Nilpotent, characteristics of a ring | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 4 th week | 6 | Non-Commutative ring, Example sums & Subrings | principal ideal, coefficient rings | Teaching & using ppt | 06 | Yes | - | - | - | - | - |
| July | 1 st week | 6 | Ideal Theorems, unit-II Homomorphism & Theorems | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 2 nd week | 6 | Homomorphism Theorems, Kernel of a hom. det, Theorems fundamental The | - | Teaching | 06 | Yes | - | - | - | - | - |

M. Rama Sailaja
Signature of the Lecturer

Dr. Ratnula
Signature of the HOD

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Signature of the Principal

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

| ANNUAL CURRICULAR | | | | | III BSc PLAN III (Year) | | | | Mathematics | | | |
|---------------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------|----------------|--------------------|-----------------------|------------------------------------------------------------------------------------------|----------------|-------------------|-----------------------|
| NAME OF THE LECTURER: <u>M. Rama Saikha</u> | | | | | CLASS: <u>MSCS - I</u> | | Semester: <u>V</u> | | Paper: <u>VA - Ring theory & Vectors</u> Calculus | | | |
| MONTH | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY | | | | CO-CURRICULAR ACTIVITY | | | |
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| July | 3 rd week | 6 | maximal Ideal definitions & Theorems | prime field | Teaching & using ppt | 06 | yes | - | - | - | - | - |
| | 4 th week | 6 | prime Ideals and unit - II derivative of a vector functions. 12(a) prob. | - | Teaching | 06 | yes | - | - | - | - | - |
| August | 1 st week | 3 | Ex - 12(b) & Differential operators, Ex - 13(a), operators, curl. Ex - 13(b) & Theorems. | partial differentiation | Teaching & using ppt | 02 | yes | - | Class Room Seminar | 01 | yes | - |
| | 2 nd week | 5 | Ex - 13(c), unit IV: integration of vectors, Ex - 14(a) problems & curve integral. | - | Teaching | 05 | yes | - | - | - | - | - |
| | 3 rd week | 6 | Ex - 14(b) problems & surface integral sums. Volume integral problems. | - | Teaching | 06 | yes | - | - | - | - | - |
| | 4 th week | 6 | Volume integral problems | Definite Integral | Teaching & using ppt | 06 | yes | - | - | - | - | - |

M. Rama Saikha
Signature of the Lecturer

Dr. Ratna
Signature of the HOD

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Signature of the Principal

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

| ANNUAL CURRICULAR | | | | | III BSc PLAN III (Year) Mathematics CLASS III MScs - I Semester: V Sem Paper: VA - Ring theory & Vector Calculus | | | | | | | |
|----------------------------------------|----------|-----------------|-------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------------|------------------------|----------------|-------------------|-----------------------|
| NAME OF THE LECTURER - M. Rama Sairaja | | | | | 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 |
| September | 1st week | 6 | Example of volume integral and \int : Integral transform of Green's Theorem & problems. | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 2nd week | 2 | Green's Theorem & problems. | - | Teaching | 02 | Yes | - | - | - | - | - |
| | 3rd week | 6 | Green's problems & Stokes Theorem | - | Teaching | 06 | Yes | - | - | - | - | - |
| | 4th week | 6 | Stokes Theorem based problems. | - | Teaching | 06 | Yes | - | - | - | - | - |
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M. Rama Sairaja
 Signature of the Lecturer

Signature of the HOD *SP. Ratnala*

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 Signature of the Principal