# S K R GOVERNMENT DEGREE COLLEGE (W) 

Accredited by B+ level by NAAC RAJAMAHENDRAVARAM, E.G.Dist., A.P.

## Performance Appraisal Report for self-appraisal of Teachers up to 2022

## A. GENERAL INFORMATION



## B. ACEDEMIC QUALIFICATIONS

| Exam Passed | Board / University | Subjects | Year of <br> Passing | Division <br> /Grade |
| :---: | :---: | :---: | :---: | :---: |
| SSC | Board of Secondary <br> Education HYD, A.P. | Languages, Maths, <br> Science, Social | 1979 | III |
| Intermediate <br> (MPC) | Board of Intermediate <br> Education HYD, A.P. | Languages, Maths, <br> Physics, Chemistry | 1981 | II |
| B.Sc. <br> (Mathematics) | Andhra University <br> Waltair, A.P. | Mathematics(Main) <br> Physics <br> Chemistry | 1986 | I |
| M.Sc. <br> (Applied Maths) | Andhra University <br> Waltair, A.P. | Ordinary Different <br> equations, Real Analysis, <br>  <br> Its Application, | 1986 | I |
| Graph Theory \& Its |  |  |  |  |
| M.Phil. | A.U.P.G. Exication Mechanics <br> Centre, Nuzvid, A.P. | Boundary Value <br> Problems | 1990 | I |

## C. RESEARCH EXPERIENCE \& TRAINING

| Research Stage | Title of Work / Thesis | University where the Work <br> was Carried out |
| :---: | :---: | :---: |
| M.Phil. | Boundary Value Problems | A.U.P.G. Extension Centre <br> Nuzvid, A.P. |
| Ph.D. | Registered | ANU, Guntur, A.P. |
| Post-Doctoral | - | - |
| Publications | 01 | Two point BVPS for second <br> orders system Bull. Call. <br> Math. Soc.82, <br> $513-518 ~(1990) ~$ |
| Research Guidance | - | - |
| Training | - | - |

D. RESEARCH PROJECTS CARRIED OUT : -NA-

## E. DETAILS REGARDING REFRESHER COURSES / ORIENTATION COURSES, SEMINARS, CONFERANCES, SYMPOSIA, WORK SHOPS ETC. ATTENDED.

| S.No | Name of the Activity | Title | Agency | Place |
| :---: | :---: | :---: | :---: | :---: |
| 1 | $\begin{gathered} \text { Orientation Course } \\ 19-01-2000 \\ \text { to } \\ 12-02-2000 \\ \hline \end{gathered}$ | - | ASC, AU | Andhra University, Visakhapatnam, A.P. |
| 2 | $\begin{gathered} \text { Refer her Course } \\ 03-10-2002 \\ \text { to } \\ 23-10-2002 \\ \hline \end{gathered}$ | - | UGC | Kurukshetra University, Kurukshetra, Haryana. |
| 3 | Refer her Course $\begin{aligned} & 15-06-2007 \\ & \text { to } \\ & 05-07-2007 \end{aligned}$ | - | UGC | University of Hyderabad, Hyderabad, A.P |
| 4 | $\begin{gathered} \text { Refer her course } \\ 10-11-2008 \\ \text { to } \\ 27-11-2008 \\ \hline \end{gathered}$ | - | UGC | Himachal Pradesh University, Shimla, H.P |
| 5 | State Level Seminar | Standardization of Curriculum at UG \& PG level Courses. | $\begin{gathered} \text { APSHE } \\ \& \\ \text { ACTA,AP } \end{gathered}$ | Andhra Loyola College <br> Vijayawada, A.P |
| 6 | $\begin{gathered} \text { 2 day work shop } \\ 19^{\text {th }} \& 20^{\text {th }} \text { Jan } 2014 \end{gathered}$ | Recent trends in fluid Mechanics \& Numerical Techniques | AICTE | Sri Vasavi Institute of Engineering \& Technology, Nandamuru |
| 7 | $\begin{gathered} 2 \text { day National } \\ \text { Seminar } \\ 20^{\text {th }} \& 21^{\text {st }} \text { Aug } 2014 \end{gathered}$ | The Role of Mathematics \& Information Science in design of sophisticated systems |  <br> Krishna <br> University <br> Machilipatnam | Andhra College Vijayawada |
| 8 | 3 day District level Training Programme $25^{\text {th }} \& 27^{\text {th }}$ Sep 2014 | Human Values \& Professional Ethics | GDC (A) | GDC (A) <br> Rajahmundry |


| S.No | Name of the Activity | Title | Agency | Place |
| :---: | :---: | :---: | :---: | :---: |
| 9 | $\begin{gathered} \text { National Seminar } \\ 29^{\text {th }} \& 30^{\text {th }} \text { Aug } 2015 \end{gathered}$ | Role of Literature in cultural Studies | Central Institute of Indian Languages Mysore | S K R COLLEGE FOR WOMEN RAJAHMUNDRY |
| 10 | State Level Workshop 09-10-2014 | Higher Education The Role \& Teacher | AVN College | AVN College Visakhapatnam |
| 11 | National Workshop $18^{\text {th }} \& 19^{\text {th }}$ Dec 2015 | Appl. of diff. eqns. | Dept. of Maths Ch.S.D. St. Theresa Women's College | Ch.S.D.St. Theresa <br> Autonomous College for women Eluru |
| 12 | International Level Webinar $06^{\text {th }}$ July 2020 | Telugu linguistics Applications \& tools | Rayalaseema University | Rayalaseema University Kurnool, A.P |
| 13 | 2 day state level on line workshop $1^{\text {st }} \& 2^{\text {nd }}$ Aug 2020 | Learning Management System (LMS) | VSM College <br> (A) | VSM College (A) Ramachandrapuram A.P. |
| 14 | $\begin{gathered} 5 \text { day FDP } \\ 13^{\text {th }}-17^{\text {th }} \text { July } 2020 \\ \hline \end{gathered}$ | CCE Govt of AP | - | ONLINE |
| 15 | 1 week National FDP $21^{\text {st }} \& 27^{\text {th }}$ July 2020 | Mathematical Elements in Engg. \& Applied Sciences | - | Gayathri Vidya Parishad Visakhapatnam |
| 16 | $\begin{aligned} & 1 \text { day National } \\ & \text { webinar } \\ & 1^{\text {st }} \text { July } 2020 \end{aligned}$ | Significance of Social work Profession in the content of new social environment | - | AKNU Rajahmundry |
| 17 | $\begin{gathered} \hline \text { State Level Quiz } \\ 8^{\text {th }} \text { Aug } 2021 \end{gathered}$ | Dept. of Sociology, History | SKRCW | SKR COLLEGE FOR WOMEN Rajahmundry |
| 18 | National Webinar $14^{\text {th }}$ Sep 2022 | Hindi Day | ICERT | ONLINE |
| 19 | 1day National Webinar $08^{\text {th }}$ Oct 2022 | Effective Implementation of NEP 2020 Role of Teachers \& Institutions | IQAC | Mary Stella College Vijayawada |
| 20 | International Webinar $20^{\text {th }}$ Sept 2022 | MATLAB AN OVER VIEW | $\begin{gathered} \text { DNR GOVT } \\ \text { DEGREE } \\ \text { COLLEGE } \end{gathered}$ | Palakol, A.P |




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| S. ${ }^{\text {s }}$ | hey Indicator | List of files documents to be kept ready as a proof of key Indicator | Information in suppart of the key indicator | Key Aspect Scores | Predetermine d <br> Weightage (Wi) <br> Tor Key Indicator | Key Indicator Grade Points $(\mathrm{KIGP)} \quad$ (A $=3 ; \mathrm{B}=2 ; \mathrm{C}=1 ; \mathrm{D}=0)$ | $\begin{gathered} \text { Key Indicator Wise } \\ \text { Weighted Grade } \\ \text { Points (KIWWGP) } \\ =K I G P \times W i \end{gathered}$ | KINWGP as <br> per Acdemic <br> devisor's <br> grading | Guidelines |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I Counseling of students as Menter/ Class teacher |  |  |  |  |  |  |  |  |  |
| 14 | Student Support | 1 Counseling of students as Mentor/Class teacher <br> a Student Profile Collectuon updation and mamenance <br> b Semester wise <br> 2 Any other Study Material/Guidance <br> ai Academue guidance for the adi anced leamer (offerng suggestions/reference books) <br> biHandholding the slow learners (offering study material question banks) <br> 3 Guiding/Montoring Students for CSP Internship <br> 4 Organzing/Partuctpation in Parent Teacher Meetings | Reports in the NiAC fornat | $\begin{aligned} & 20 \\ & 10 \\ & 10 \\ & 10 \end{aligned}$ | 50 | $A$ | $150$ |  | IIAll Four key indicators $=j$ Grade points $t$ <br> 2) Any Three hey indicators =2 Grade points B <br> 3)Any Two hey indicator $=1$ Grade point $C$ <br> 4)Belon rwo $=0 / \mathrm{D}$ |
| 15 | Student Progression | Report on Progranune Course wise students' progression to a) Higher Education biEmployment elEntrepiencurshp | Repens in the NAAC fornat | $\begin{aligned} & 10 \\ & 10 \\ & 10 \end{aligned}$ | 30 | $B$ | 80 |  | $\begin{aligned} & \text { 1) All three key indicators }=3 \text { Grade points' } A \\ & \text { 2) Any two hey indicators }=2 \text { Grade points } B \\ & \text { 3iAny one key indicator }=1 \text { Grade point } C \\ & \text { 4)No Indicator }=0 \mathrm{D} \end{aligned}$ |
| V1-ROLE ININSTITUTIONAL GOVERNANCE |  |  |  |  |  |  |  |  |  |
| 10 | Pamcipanon in Institutional Governance and Leadership | a)Contribution to Departmental \ision \& Mission and Departmental Action Plan <br> b) Participation in different instritional commuttecs and preperation of committee reports <br> c) Participation in different institutional activitues that focus on valuc based education <br> d) Contribution to IQAC qualin mitatices | Reports in the NAAC format | $4 \times 10$ | 40 | $P$ | $120$ |  | $\begin{aligned} & \text { 1) All Four hey indicators }=3 \text { Grade points A } \\ & \text { 2)Any Three key indicators }=2 \text { Grade points B } \\ & \text { 3)Any Two key indicator }=1 \text { Grade point C } \\ & \text { 4) Below two }=0 / \mathrm{D} \end{aligned}$ |
| VII-BEST PRACTICES |  |  |  |  |  |  |  |  |  |
| 17 | Best Practices | Identification and Contribution to a) The Departniental Best practices b)Instutuonal Best practices <br> Total Grade points | Reporis in the NAAC format | 20 | ${ }^{20}$ | $A$ | $60$ |  | 11All Two key indicators $=3$ Grade points $/ A$ 2)Any one key indicator $=$ 2 Grade ponts $B$ 31No Indicator=0/D |
| Vame | genature of the Procipa |  | Total Grade points |  |  |  |  |  |  |

## prome

PRINCIPAL
S.K.R. Government Degree Collego foment RAJAMAHENDRAVAGAVi.
East Godavari Dist., Anchra F: ectesh


## TEACHING DIARY FOR THE YEAR 2022 - 2023

Name of the Department / Subject : MATHENATICS
Name of the Lecturer: M. VEERRAJU
Month \& Year :

| $\begin{aligned} & \text { S. } \\ & \text { No. } \end{aligned}$ | D. Date | Day | Class | Period / Time | Medium | Theory / Practical | Topic Covered | Methodology Adopted | No.of Students attended | Teaching Aids Used | Student Activity Conducted | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $17+723$ | Man | Sr-inter MN | $\begin{array}{c\|} \hline 15 t \\ 10.02-10.51 \\ \hline \end{array}$ | ETM | Theory | partial frachons Rub-(AT) - solved probloms | Lectux | 48 | Black Board | Quentan and Anserers |  |
|  |  |  | Jr-inar MPC | $\begin{gathered} 6 \mathrm{~m} \\ 355-4.30 \end{gathered}$ | EM | Theory | Adjolut and Inverse of a matr | Luture | 40 | Black Board | Questan and Answers |  |
|  | $1817 / 23$ | The | Sr-inter MPC | $\begin{aligned} & .2 n d \\ & \frac{16555+11.56}{4 m} \end{aligned}$ | EM | Theons | UNIT Enaur an complux numi | Lecture | 47 | Black Boad | Queshar and Answers |  |
|  |  |  | Jr-inter Mre |  | EM | Theory | Exericus-3( $e^{\prime}$ ) - probloms tolving | Lertur | 38 | Black Boad | Quertan and Answess |  |
|  | 1917123 | wed | sr-inter MPC | $\begin{gathered} 35 d \\ 11.3 i-12.4 \end{gathered}$ | EM | Thoory | portial Frachons RuG-TV-Sdved Problems | Lecture | 47 | Black Boad | Questar and Amwers |  |
|  |  |  | $\begin{gathered} \text { Tr-inter } \\ \text { MpC } \end{gathered}$ | $\begin{gathered} 5 \mathrm{~m} \\ 240-3.25 \end{gathered}$ | EM | Theary | UNIT Exame condueted | Luture | 41 | Black Board | Questar and Anstalea |  |
|  | 2017123 | Thus | Jr indr MrS | $\lim _{1.45-2.46}$ | EM | Theory. | Consitepiry and Inconsistenly rintroduction 4 problem setving | Lectur | 40 | Black Board | Questian and Answers |  |
|  |  |  | $\begin{gathered} \text { Sr-inter } \\ \text { MpC } \end{gathered}$ | $\begin{gathered} 6 \mathrm{~m} \\ 335-4 \cdot 30 \end{gathered}$ | EM | Theary | Eurcise-7(b)-poblem solving | Lectux | 46 | Black Buars | Questan and Anluess |  |
|  | 211723 | Fri | $\begin{gathered} \text { Tr-inkr } \\ \text { Mpe } \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline 2 \pi d \\ \text { woss } 1,5 \mathrm{c} \\ \hline \end{array}$ | EM | Theory | Sodved lioblemi-3.6.7 | Lecture | 41 | Black Board | Quetion and Arviena |  |
|  |  |  | $\begin{gathered} \text { Sr-inkr } \\ \text { Mje } \end{gathered}$ | $\begin{array}{c\|} 4 \pi \\ 1 \cdot 45-2.44 \end{array}$ | Em | Theory | Excercix-7(h)-probloins solving | Lecture | 46 | Black Board | Questar and Ansivers |  |
|  | 2217123 | Sat | $\begin{array}{c\|c} \hline \text { Jr } \cdot \text { indy } \\ \text { MpC } \end{array}$ | $\begin{array}{c\|} 1.51 \\ 10.00-10.85 \end{array}$ | EM | Thenors | Exeras -3(f)-probloms Solvivg | Lehture | 41 | Black Boark | questan and Aviluers |  |
|  |  |  | $\begin{array}{c\|c} \hline s r-i n x \lambda & \\ \text { MpL } & 11 \end{array}$ | $\begin{array}{c\|} 3 r d \\ 11 \cdot 51-12-4 \end{array}$ | Ema | Theary | Partal frachons -7.3 .6 solved Problems | Lectur | 46 | Black Board | Questan and Auswers |  |
|  | 2317127 |  |  |  |  |  | Jun day |  |  |  |  |  |
|  | 241762 | man | $\begin{gathered} \hline s r \operatorname{inh} h \\ \text { mic } \end{gathered}$ |  | EM | Theary | UNIT Exam an De movir't the | $L \operatorname{Lin} x$ | 45 | Blalk Buard | quatan ard Answers |  |
|  |  |  | $\left\lvert\, \begin{gathered} \text { Jrinkey } \\ \text { rape } \end{gathered}\right.$ | $\begin{gathered} 6 \mathrm{~m} \\ 335-42 \end{gathered}$ | EM | Theay | Solved problems - $3 \cdot 6 \cdot 13$ | Lecture | 4.1 | Blalk Roard | Auestan ard Andaros |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2577123 | Tue | st.indr MiC | $\begin{gathered} 2 \pi d \\ 1055-1150 \end{gathered}$ | CM | Thayy | Exurces-710)-irublem Selviog | Lectux | 46 | Black Board | Questan and Amwers |  |
|  |  |  | Ir inker MnC | $\left\lvert\, \begin{gathered} 4 m \\ 1-45-2.49 \end{gathered}\right.$ | EM | Theory | Exercese - 3(9)- rololems solving | Lertux | 42 | Black Boad | Questar and Answers |  |
|  | 2617123 | wed | Sr-inker MAC | $\begin{gathered} 3 r d \\ 11.50-124 \end{gathered}$ | EM | Theary | Exarcis-7(1)-problms solving | Lecture | 46 | Black Boand | Questar and Anslume |  |
|  |  |  | Tr-irter Mre | $\begin{array}{c\|} 5 \mathrm{~m} \\ 2 \cdot 6-3-35 \\ \hline \end{array}$ | EM | Thasy | Cramer'l Rule-Introductur | Lecture | 42 | Black Board | Quertar and Anscorix |  |
|  | 271723 | Thurs | Jr-inher Mape | $\begin{gathered} 4 \mathrm{~m} \\ 1.45-2.49 \end{gathered}$ | EM | Theory | problims an Cramer't Ruk | Lectur | 42 | Blact Boand | Quertanand Anlesten |  |
|  |  |  | Sr-intes MpL | 6 m <br> 355 <br> 5.45 | ETA | Thoary | Solved problem Solving-7.3.9 | Lecture | 45 | Black Boad | Questar and Anlwers |  |
|  | 2817123 | Fri | $\begin{gathered} \text { Tr-inkr } \\ m p \end{gathered}$ | $\begin{gathered} 2^{n d} \\ 10.75-1.56 \end{gathered}$ | EM | Thoong | Matrix- Inversion memad | Lectur | 42 | Blalk Board | Quution and Ansivers |  |
|  |  |  | Gr-inder MpC | $\begin{array}{\|c\|} \hline 4 \mathrm{~m} \\ 1 \cdot 45-2 \cdot \mathrm{nh} \\ \hline \end{array}$ | EM | Troory | Exercise - 7 (d)-problions solving | Lectux | 45 | Black Boand | Questan and sumuras |  |
|  | 2917123 |  |  |  |  |  | - moharram |  |  |  |  |  |
|  | 301712 |  |  |  |  |  | - Sun day |  |  |  | $)$ |  |
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|  | signature | Pu | Lecturer |  |  |  | Signature of the Department $\mathrm{In}-\mathrm{C}$ | harge |  |  |  | ncipal |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2002-2023, SKR GOVT DEGREE COLLEGE RJY
Name of the Department : MATHEMATICS Name of the Lectures : C.V.PRASAD, M.VEERRAJU, M.S.CHAKRAVARTHI. Class\& Group: I \& II \& III B.S.c(MPC,MPCs,MSCs

| Month | Paper | $\begin{gathered} \text { Hours } \\ \text { availa } \\ \text { ble } \end{gathered}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | $\begin{gathered} \hline \text { Whethe } \\ \text { r } \\ \text { conduct } \\ \text { ed } \end{gathered}$ | If not, alternate Dt. | Activity to be Conducted | Hours allotted | Whether conducted | If not, alternate Dt. |  |
| $\underset{\text { ER }}{\substack{\text { NOVEMB }}}$ | I | 21 | Linear Differential Equations: Differential equations reducible to linear from; Exact differential equations; Integrating factors | Teaching and Learning Practice | Bridge Course | 10 | Yes |  | Quiz | 1 | Yes |  |  |
|  | III | 21 | Binary Operation-Algebraic structuresemi group-monoid-Group definition and elementary properties Finite and Infinite groups-examples-order of a group, Composition tables with examples | Teaching and Learning Practice | Syllabus Circulations | 1 | Yes |  | Previous Knowledge Discussed | 3 | Yes |  |  |
|  | V A | 17 | 1. Euler's Integrals-Beta and Gamma Functions, Elementary properties of Gamma Functions. <br> 2. Transformation of Gamma Functions. Another form of Beta Function. <br> 3. Relation between Beta and Gamma Functions. | Teaching and Learning Practice | Syllabus Circulations | 1 | Yes |  | Solving Second Order Differential Equations | 5 | Yes |  |  |
|  | VB | 20 | Introduction, Forward differences, Backward differences, Central Differences, Symbolic relations, nth Differences of Some functions, Advancing difference formula, Differences of Factorial Polynomial. Newton's formulae for interpolation. Central Difference Interpolation Formulae | Teaching and Learning Practice | Explanation of Curriculum | 2 | Yes |  |  |  |  |  |  |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise): 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | $\begin{gathered} \text { Hour } \\ \text { s } \\ \text { avail } \\ \text { able } \end{gathered}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | $\begin{gathered} \hline \text { Whethe } \\ \text { r } \\ \text { conduct } \\ \text { ed } \end{gathered}$ | If not, alternat e Dt. | Activity to be Conducted | Hours allotted | Whether conducted |  |  |
| $\begin{aligned} & \text { DECEMB } \\ & \text { ER } \end{aligned}$ | I | 21 | Equations solvable for p; Equations solvable for y ; Equations solvable for x ; Equations homogeneous in x and y ; Equations of the first degree in x and y - Clairaut's Equation. | Teaching and Learning Practice | Assignment | 3 | Yes |  | Group <br> Discussion | 2 | Yes |  |  |
|  | III | 22 | Subgroup: Complex DefinitionMultiplication of two complexes inverse of a complex-subgroup definition-examples-criterion for a complex to be a subgroups. Co-sets and Lagrange's Theorem; Cossets Definition-Properties of Cossets-Index of a subgroups of a finite groups-Lagrange's Theorem. | Teaching and Learning Practice | Group <br> Discussion | 1 | Yes |  | NATIONAL MATHEMATI CS DAY CELEBRATIO N 0N THE OCATION OF SRINIVAS RAMANUJAN BIRTHDAY | 1 | YES |  |  |
|  | VA | 22 | Introduction, summary of useful results, power series, radius of convergence, theorems on Power series, Introduction of Power series solutions of ordinary differential equation, Ordinary and singular points, regular irregular singular points, power series solution. | Teaching and Learning Practice | Solving second order differential equation | 5 | Yes |  | Quiz | 2 | Yes |  |  |
|  | VB | 21 | Central Difference Interpolation Formulae, Gauss's Forward interpolation formula, Gauss's backward interpolation formula, Sterling's formula, Bessel's formula, Derivatives using central difference formula, Sterling's interpolation formula, Newton's divided difference formula, Maximum and minimum values of a tabulated function. | Teaching and Learning Practice | Guest <br> Lecture by Students | 4 | Yes |  | Assignment | 3 | yes |  |  |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | $\begin{gathered} \text { Hour } \\ \text { s } \\ \text { avail } \\ \text { able } \end{gathered}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | $\begin{gathered} \hline \text { Whethe } \\ \text { r } \\ \text { conduct } \\ \text { ed } \end{gathered}$ | If not, alternat e Dt. | Activity to be Conducted | Hours allotted | Whether conducted | $\begin{gathered} \text { If not, } \\ \text { alternate Dt. } \end{gathered}$ |  |
| JANUAR Y | I | 17 | Solution of homogeneous liner differential equations of order n with constant coefficients Solution of $f(D) y=0$. General Solution of $f(D) y=Q$ when Q is a function $1 / \mathrm{f}(\mathrm{D})$ is expressed as partial fractions of $x$, P.I of $f(D) y=Q$ when $\mathrm{Q}=\mathrm{be}^{\text {ax }}$, P.I. of $\mathrm{f}(\mathrm{D}) \mathrm{y}=\mathrm{Q}$ when Q is $\mathrm{b} \sin \mathrm{ax}$ or $\mathrm{b} \cos \mathrm{ax}$. | Teaching and Learning Practice | MID Exam | 1 | Yes |  | Group <br> Discussion | 2 | Yes |  |  |
|  | III | 18 | Definition of normal subgroup-proper and improper normal subgroupHamilton group-criterion for a subgroup to be an normal subgroup-intersection the fundamental theorem on Homomorphism and applications. permutatinos-Cayley's theorem. | Teaching and Learning Practice | MID Exam | 1 | Yes |  | Group Definition | 3 | Yes |  |  |
|  | VA | 18 | Hermite Differntial Equations, Solution of Hermite Equation, Hermite polynomials, generating function. Other forms for Hermite Polynomials, Rodrigues formula for Hermite Polynomials, to find first few Hermite Polynomials. Orthogonal properties, Recurrence formula | Teaching and Learning Practice | MID Exam | 1 | Yes |  | Quiz | 2 | Yes |  |  |



PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | Hour s avail able | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | Whethe <br> r conduct ed | If not, alternat e Dt. | Activity to be Conducted | Hours allotted | Whether conducted | If not, alternate Dt. |  |
| FEBRUA RY | I | 22 | Solution of the non-homogeneous linear differtial equations with constant coefficients. P.I. of $f(D) y=Q$ when $\mathrm{Q}=\mathrm{bx} \mathrm{x}^{\mathrm{k}}, \mathrm{Q}-\mathrm{e}^{\mathrm{ax}} \mathrm{V}, \mathrm{Q}=\mathrm{xV}, \mathrm{Q}=\mathrm{X}^{\mathrm{m}} \mathrm{V}$, where V is a function of x . | Teaching and Learning Practice | MID Exam | 2 | Yes |  |  |  |  |  |  |
|  | III | 22 | Definition of homomorphism-Image of homomorphism elementary properties of homomorphism-Isomorphismautomorphism definitions and elementary properties-kernel of a homomorphism-fundamental theorem on Homomorphism and applications.definition of permutationpermutation multiplication-Inverse of a permutation-cyclic permutations-transposition-even and odd permutations-Canley's theorem. | Teaching and Learning Practice | MID Exam | 2 | Yes |  | Group Definition | 3 | Yes |  |  |
|  | V | 22 | General quadrature formula one errors, Trapezoidal rule, Simpson's 1/3-rule, Simpson's 3/8-rule, and Weddle's rules, Euler-McLaurin Formula of summation and quadrature, The Euler transformation. | Teaching and Learning Practice | MID Exam | 2 | Yes |  | Quiz | 2 | Yes |  |  |
|  | VI | 22 | Definition, Solution of Legendre's equation, Legendre polynomial of degree $n$, generating function of Legendre Polynomials, Definition of $P_{n}(x)$ and $Q_{n}(x)$, General solution of Legendre's Equation is the coefficient of $h^{n}$, in the expansion of $\left(1-2 x h+h^{2}\right)^{-1 / 2}$, Orthogonal properties of Legendre's polynomials, Recurrence formulas for Legendre's Polynomials. | Teaching and Learning Practice | MID Exam | 2 | Yes |  |  |  |  |  |  |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | $\begin{array}{\|c\|c} \hline \text { Hour } \\ \text { s sail } \\ \text { abale } \\ \text { abe } \end{array}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | $\begin{gathered} \text { Whethe } \\ \text { r } \\ \text { conduct } \\ \text { ed } \end{gathered}$ | If not, alternat e Dt. | Activity to be Conducted | Hours allotted | Whether | If not, alternate Dt |  |
| MARCH | I | 16 | Method of variation of parameters; Linear differential Equations with nonconstant coefficient (Solution when a part of CF is known method only); The Cauchy-Euler Equation, Legendre's linear equations, Seminar/Quiz/ Assignments/Applications of Differential Equations to Real life Problem/Problem Solving. | Teaching and Learning Practice | Revision Study Hours |  |  |  | Group <br> Definition | 3 | Yes |  |  |
|  | III | 16 | Rings Definition of Ring and basic properties, Boolean Rings, divisors of zero and cancellation laws Rings, Integral Domains, Division Ring and Fields, The characteristic of a ring-The characteristic of an Integral Domain, The characteristic of a Field. Sub Rings. | Teaching and Learning Practice | Revision Study Hours |  |  |  | Quiz | 2 | Yes |  |  |
|  | V | 16 | Introduction, Solution by Talyor's Series, Picard's method of successive approximations, Eluer's method, Modified Euler's method, Runge-Kutta methods. | Teaching and Learning Practice | Revision Study Hours |  |  |  |  |  |  |  |  |
|  | VI | 16 | Definition, Solution of Bessel's equation, Bessel's function of the first kind of order n, Bessel's function of the second kind of order n . Integration of Bessel's equation in series form $=0$, Definition of $\mathrm{J}_{\mathrm{n}}(\mathrm{x})$, recurrence formulae for $\mathrm{J}_{\mathrm{n}}(\mathrm{x})$. Generating function for $\mathrm{J}_{\mathrm{n}}(\mathrm{x})$. | Teaching and Learning Practice | Revision Study Hours |  |  |  |  |  |  |  |  |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | $\begin{gathered} \text { Hour } \\ \text { s } \\ \text { avail } \\ \text { able } \end{gathered}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity |  |  |  | Co-curricular Activity |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Activity to be Conducted | Hours allotted | $\begin{gathered} \text { Whethe } \\ \text { r } \\ \text { conduct } \\ \text { ed } \\ \hline \end{gathered}$ | If not, alternat e Dt. | Activity to be Conducted | Hours allotted | Whether conducted | If not, alternate Dt. |  |
| APRIL | II | 16 | Equation of plane in terms of its intercepts on the axis, Equations of the plan through the given points, Length of the perpendicular from a given point to a given plane, Bisectors of angles between two planes, Combined equation of two planes, Orthogonal projection on a plane. | Teaching and Learning Practice | $\begin{aligned} & \text { INTRODU } \\ & \text { CTION } \end{aligned}$ |  |  |  | Group Definition | 3 | Yes |  |  |
|  | IV | 16 | The algebraic and order properties of R,; intervals, Limit of a sequence and Convergent sequence. Bolzanoweierstrass theorem-Cauchy SequencesCauchey's general principle of convergence theorem. | Teaching and Learning Practice | $\begin{aligned} & \text { INTRODU } \\ & \text { CTION } \end{aligned}$ |  |  |  | $\begin{gathered} \hline \text { CONDUCTED } \\ \text { ON NATIONAL } \\ \text { WEBINAR ON } \\ \text { GLIMPSES OF } \\ \text { ANCIENT } \\ \text { INDIAN } \\ \text { MATHEMATICS } \end{gathered}$ | 1 | YES |  |  |
|  | VI | 16 | 1. Euler's Integrals-Beta and Gamma Functions, Elementary properties of Gamma Functions. <br> 2. Transformation of Gamma Functions. Another form of Beta Function. <br> 3. Relation between Beta and Gamma Functions. | Teaching and Learning Practice | $\begin{aligned} & \text { INTRODU } \\ & \text { CTION } \end{aligned}$ |  |  |  | Quiz | 2 | Yes |  |  |



PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | $\begin{gathered} \text { Hour } \\ \text { s } \\ \text { avail } \\ \text { able } \end{gathered}$ | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity | Co-curricular Activity | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MAY | II | 16 | Equation of a line; Angle between a line and a plane;; Sets of conditions which determine a line' The shortest distance between two lines; The length and equations of the line of shortest distance between two straight lines; Length of the perpendicular from a given point to | Teaching and Learning Practice | Group Definition |  |  |
|  | IV | 16 | Series: Cauchey's general principle of convergence for series tests for convergence of series, Series of NonNegative Terms. P-test, Cauchey's $\mathrm{n}^{\text {th }}$ root test or Root Test, D'-Alembert's' Test or Ratio Test, Alternating SeriesLeibnitz Test, Absolute convergence and conditional convergence, semi convergence. | Teaching and Learning Practice | Mid exams |  |  |
|  | vi | 16 | 1. Introduction, summary of useful results, power series, radius of convergence, theorems on power series. <br> 2. introduction of power series solutions of ordinary differential equation. <br> 3. ordinary and singular points, regular and irregular singular points, power series solution. | Teaching and Learning Practice | Mid exams |  |  |


|  | VII | 16 |  | Teaching and Learning Practice | Mid exams |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise) : 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | Hour s avail able | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity | Co-curricular Activity | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JUNE | II | 16 | Definition and equation of the sphere; Equation of the sphere through four given points;; tangent plane; plane of contact; polar plane; pole of a plane; conjugate points; conjugate planes. | Teaching and Learning Practice |  | Group Discussion |  |
|  | IV | 16 | Limits: Real valued Functions, Boundedness of a function, Limits of functions. Some extensions of the limit concept, Infinite Limits. Limits at infinity. No. Question is to be set from this portion. | Teaching and Learning Practice |  | Group Definition |  |
|  | VI | 16 | 1. Derivative using Newton's forward difference formula, Newton's back ward difference formula. <br> 2. Derivatives using central difference formula, Stirling's interpolation formula. <br> 3. Newton's divided difference formula, Maximum and minimum values of a tabulated function. | Teaching and Learning Practice | Birthday celebration of C.V/RAO | Quiz |  |


|  | VII | 16 | 1. Hermite Differential Equatinos, <br> Solution of Hermite Equation, Hermite <br> polynomials, generating function for <br> Hermite polynomials. <br> 2. Other forms for Hermite <br> Polynomials, Rodrigues formula for <br> Hermite Polynomials, to find first few <br> Hermite Polynomials. <br> 3 | Teaching and <br> Learning <br> Practice |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise): 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | Hour <br> s <br> avail <br> able | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity | Co-curricular Activity | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JULY | II | 16 | Angle of intersection of two spheres; conditions for two spheres to be orthogonal; Power of a point; radical plane; coaxal system of spheres; simplified form of the equation of two spheres. <br> Definitions of a cone; vertex; guiding curve; condition that the general equation of the second degree should represent a cone. | Teaching and Learning Practice |  | Group Discussion |  |
|  | IV | 16 | DIFFERENTIATION AND MEAN VALUE THEOREMS: The derivability of a function, on an interval, at a point, Derivability and continuity of a function, Mean value Theorms; Rolle's Theorem, Lagrange's Theorem, Cauchy's Mean value Theorem. | Teaching and Learning Practice |  | Group Definition |  |
|  | VI | 16 | 1. Definition, Solution of Legendre's equation, Legendre polynomial of degree $n$, generating function of Legendre polynomials. <br> 2. Definition of $P_{n}(x)$ and $Q_{n}(x)$, General solution of Legendre's Equation (derivations not required) to show that $\operatorname{Pn}(\mathrm{x})$ is the coefficient of $h^{n}$, in the expansion of $\left(1-2 x h+h^{2}\right) \frac{-1}{2}$ | Teaching and Learning Practice |  | Quiz |  |


|  | VII | 16 | 1. General quadrature formula one errors, Trapezoidal rule. <br> 2. Simpson's $1 / 3$-rule. Simpson's 3/8rule, and Weddle's rules. <br> 3. Newton;s divided difference formula, Maximum and minimum values of a tabulated function. | Teaching and Learning Practice | INTRODUCTION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

PERFORMA FOR ANNUAL CURRICULAR PLAN (Department Wise): 2022-2023, SKR GOVT DEGREE COLLEGE RJY

| Month | Paper | Hour s avail able | Syllabus topic | Additional Input/Value Addition to be Provided/taug ht | Curricular Activity | Co-curricular Activity | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AUGUST | II | 16 | Enveloping cone of a sphere; right circular cone; equation of the right circular cone with a given vertex, axis and semi vertical angle; condition that a cone may have three mutually perpendicular generators; intersection of two cones with a common vertex. | Teaching and Learning Practice | Revision Study Hours |  |  |
|  | IV | 16 | RIEMANN INTEGRATION: Riemann Integral, Riemann integral functions, Darboux theorem. Necessary and sufficient condition for R-integrability, Properties of integrable functions, Fundamental theorem of integral calculus, First mean value Theorem. | Teaching and Learning Practice | Revision Study Hours |  |  |
|  | VI | 16 | 1. Deinition, Solution of Bessel's equation, Bessel's function of the first kind of order $n$, Bessel's function of the second kind of order $n$. <br> 2. Integration of Bessel's equation in series form $=0$, Definition of $J_{n}(x)$, recurrence formulae for $J_{n}(x)$. <br> 3. Generating function for $J_{n}(x)$. | Teaching and Learning Practice | Revision Study Hours |  |  |
|  | VII | 16 | 1. Introduction, Solution by Taylor's Series. 2. Picard's method of successive approximations. 3. Euler's method, Modified Euler's method, Runge-Kutta methods. |  | Revision Study Hours |  |  |

## TEACHING PLAN (SYNOPSIS)

## Month: syploum <br> subject: Hathemahy

торIC: Alurtract Hlgelve Paper: IIJ

| Hous | Group: - Let Gキ¢ A set Gis said to be |
| :---: | :---: |
| Leaming Objec | a group w.r.t * operation iff $G$ satisfies tho |
| Previous |  |
| Topic Symopsis | law': let $a_{1} b \in G$ |
| $a * b \in G \quad \forall a, b \in G$ <br> * is called binary opration on $c$. ar is cloped w.r. * operation <br> (2) Associative law:- let $a, b, c \in G$ i $\begin{aligned} & \text { ative law:- let } a, b, c \in G \quad \forall a, b, c \in G \\ & (a * b) * c=a *(b * c) \quad \forall a, \end{aligned}$ <br> * is associative on $G$ <br> (3) Existenve of Identity: - $e e G \rightarrow a * e=e * a=a \quad \forall a \in G$, $e$ is called the identily element in $C$ <br> (4) Exiltonce of Inverse: - For each $a \in G \exists a^{\prime} \in G \ni$ $a * a=a^{\prime} * a=e$ <br> $a^{\prime}$ is called an inverte of a in $G$ <br> It is denoted by $(G, *)$ <br> commutative (or Abelian) group!: In a group $(G, *)$ if $a * b=f * a \quad \forall a, b \in c$ <br> $G$ is called an abelian group or Commutative group. <br> Definition:- A non empty set $G$ is said to be a group wivit <br> "." operation if $G$ satiffies the bollowing propesties. <br> (1) closure law:- let $a, b \in G^{\prime}$ $a \cdot b \in G \quad \forall a, b \in c)$ <br> $\because$ is leiopery opiration on $G$. <br> (2) Associative law:- Let $a, b, c \in G$, $(a \cdot b) \cdot c=a \cdot(b \cdot c) \quad \forall a, b, c \in c$ <br> 1 y asfociatice on $C$, <br> (3) Exitance of Identity: $\exists e \in G \rightarrow a \cdot e=e \cdot a \geqslant a \forall a \in C$ eis called the identity element in $G$ |  |
| Thrust |  |
| Skill to <br> Studen |  |
| mple |  |
| Additional Inputs | from the abre, $\left(G_{i} \cdot\right)$ is called a group |


| Teaching Models used | Abelian group:- In a group $(G, 1)$ if fiv $a, b \in 0$ |
| :---: | :---: |
| Teaching Aids used | $a \cdot b=b \cdot a \quad \forall a, b \in c$ |
| References cited | then (G, ) is called an abelian group: |
| Student Activity planned after the teaching | Examplest. (1) $(\mathbb{R},+$ ) is an alrelian group |
| Activity planned outside classes | (2) $\left(Q_{1}+\right)$ is an abclian group |
| Any other | 3) $(z,+)$ is an alvelian group. |

(4). $\mathbb{R}$ doesn't form a group w.v.t ordinary multiplication"."
son we know that is binary there exsits unit-element $\mid \in \mathbb{R}$ and for each $a \neq 0 \in \mathbb{R} \xi^{-1} \in \mathbb{1}$ sech that $a \cdot-\bar{a}=a^{-1}, a=1$. fov $0 \in \mathbb{R}$ has no multipli cative inverse is $\mathbb{R}$ So $(\mathbb{R}, \cdot)$ is not a gloup.
(5) The set of rational numbers $Q$ doesn't form a group w.r.t. $\because$ operation.
Becaux $0 \in Q$ has no multeplicative inverse in $Q$
(6) Let $G=\mathbb{R}-\{1\}$ and $*$ defined by $a * b=a+b-a b \quad \forall a, b \in G$ Then $(G, *)$ is an abdian group
Algeleraie structure:- if an operation '.' is binary operation on $G$ then $G$ is called an algebrair structens.
Semi group:- Af an operation '.' is binary geration and associative is $G$, then $G$ is called a semi group.
Monoidi - If'.' operation is binary and assoriatiou onG ant there exist an identity eloment in $G$ then $G$ is called
Monoid.
$G=\left\{A_{\alpha}=\left[\begin{array}{cc}\operatorname{cor} \alpha & -\sin \alpha \\ \sin \alpha & \cos \alpha\end{array}\right]: \alpha \in \mathbb{R}\right\}$ forms a grayp $\omega \cdot \gamma \cdot L$ matrior multaplication. Is it- an abelian?
The set of all $n \times n$ matrices forms a group w.r.t addition of matrices. Is it an abelian?
the sef of all $n \times n$ matries doesnit form a group w-rt multeppication of makriles contains suigular matrices. Suigular matioin has no ilverse. so $(G$, ) is not a group.


| SKR GDC (W),RAJAMAHENDRAVARAM |  |  |
| :---: | :---: | :---: |
| Department of Mathematics Even Sem 2022-2023 |  |  |
| Programme \& Course outcomes |  |  |
|  |  | Programme outcomes |
|  | $\begin{aligned} & \text { B.Sc - M.P.C , M.P.Cs, } \\ & \text { M.S.Cs } \end{aligned}$ | The Bachelor of Science in Mathematics prepares graduates to understand fundamental concepts in the discipline of MATHEMATICS. <br> The academic program will promote and realize gainsin student success. <br> The academic program will promote and realizeefficiency in the delivery and completion of the program |
| SEM | Name of the course | Course outcomes |
| Sem-2 (course 2) | three dimensional ANALYTICAL SOLID GEOMETRY | get the knowledge of planes. <br> basic idea of lines, sphere and cones. understand the properties of planes, lines, spheres and cones. express the problems geometrically and then to get the solution. |
| Sem-4 (course 4) | MATHEMATICAL REAL ANALYSIS | After successful completion of this course, the student will be able to get clear idea about the real numbers and real valued functions. obtain the skills of analyzing the concepts and applying appropriate methods for testing convergence of a sequence/series. Test the continuity and differentiability and Riemann integration of a function. Know the geometrical interpretation of mean value theorems. |


| SEM-4 (course 5) | LINEAR ALGEBRA | After successful completion of this <br> course, the student will be able to; <br> understand the concepts of vector <br> spaces, subspaces, basis, dimension <br> and their properties. <br> understand the concepts of linear <br> transformations and their <br> properties <br> apply Cayley- Hamilton theorem to <br> problems for finding the inverse of a <br> matrix and higher <br> powers of matrices without using <br> routine methods <br> Learn the properties of inner product <br> spaces and determine orthogonality in <br> inner product spaces |
| :--- | :--- | :--- |


| SKR G.D.C ( WOMEN) ,RAJAMAHENDRAVARAM |  |  |
| :---: | :---: | :---: |
| Department of Mathematics odd Sem 2022-2023 |  |  |
| Programme \& Course outcomes |  |  |
|  |  | Programme outcomes |
|  | $\begin{aligned} & \text { B.Sc - M.P.C , M.P.Cs, } \\ & \text { M.S.Cs } \end{aligned}$ | The Bachelor of Science in Mathematics prepares graduates to understand fundamental concepts in the discipline of MATHEMATICS. <br> The academic program will promote and realize gainsin student success. <br> The academic program will promote and realizeefficiency in the delivery and completion of the program |
| SEM | Name of the course | Course outcomes |
| Sem-1 | DEFFERENTIAL EQUATION | After successful completion of this course, the student will be able to; Solve linear differential equations Convert non exact homogeneous equations to exact differential equations by using integrating factors <br> Know the methods of finding solutions of differential equations of the first order but not of the first <br> Degree. <br> Solve higher-order linear differential equations, both homogeneous and non homogeneous, with constant coefficients. Understand the concept and apply appropriate methods for solving differential equations. |
| Sem-3 | ABSTRACT ALGEBRA | After successful completion of this course, the student will be able to; acquire the basic knowledge and structure of groups, subgroups and cyclic groups. get the significance of the notation of a normal subgroups. <br> get the behavior of permutations and operations on them. study the homomorphisms and isomorphisms with applications. Understand the ring theory concepts with |


|  |  |  |
| :---: | :--- | :--- |
| SEM-5B |  | the help of knowledge in group theory and <br> to prove <br> theorems. |
| Sem-5A | NUMERICAL METHODS | After successful completion of this <br> course, the student will be able to; <br> understand the concepts of Forward <br> and back ward interpolation <br> formula, gauss forward and back <br> ward formula, stirling formula, <br> Legranges interpolation formula, <br> Numerical differentiation. <br> Numerical Integration Taylors <br> series, Eulersmethod |
| MATHEMATICAL SPECIAL |  | After successful completion of this <br> course, the student will be able to; <br> understand the concepts of Beta and <br> Gamms functions, Hermite polynomials, <br> Legendrs polynomials, Bessels equations, <br> pawer series solutions of ordinary <br> differential equation |
| FUNCTION |  |  |

S.K.R.GOVERNMENT DEGREE COLLEGE, RAJAMAHENDRAVARAM

## DEPARTMENT OF MATHEMATICS

| List of Activies |  |  |  |
| ---: | :--- | :--- | :--- |
| S.No | Date | List of Activities | Name of the Resourse <br> Person |
| 1 | $10-11-2022$ | Bridge Course | C.V.Prasad |
| 2 | $24-11-2022$ | Guest lecture | Dr. D Ch. Paparao |
| 3 | $22-12-2022$ | National Mathematic day celebration | D.V.N.Srirama Murthi |
| 4 | $27-01-2023$ | Student seminar for III B.S.c Students | C.V.Prasad |
| 5 | $08-02-2023$ | Peer teaching for I B.Sc Students | C.V.Prasad |
| 6 | $26-04-2023$ | National webinar | Dr.P.Satyanarayana Sarma |
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# S.K.R. GOVERNMENT DEGREE COLL.EGE(WOMEN) 

 RAJAMAHENDRAVARAM(EsId.1968)
## DEPARTMENTOFMATHEMATICS

## I CT ONLINECLASSES(2022-2023)

NAMIE OF THELECTURER:-C.V.PRASAD


# S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN) RAJAMAHENDRAVARAM(Estd.1968) (Re Acciedited at BrGrade by NAAC, Affillated to Adikavi Nannayya University) 

DEPARTMENTOFMATHEMATICS
I CT ONLINECLASSES(2022-2023)
NAME OFTHELECTURER:-M.S.CHAKRAVARTHI

| S.NO | DATE | SEMESTER | TOPIC |
| :--- | :--- | :--- | :--- |
| 1 | $09-05-23$ | IVSEM | VECTOR SPACE INTADUCTION |
| 2 | $16-05-23$ | IVSEM | THEOREMS ON VECTOR SPACE |
| 3 | $23-05=23$ | IVSEM | VECTOR SUBSPACE |
| 4 | $26-05-23$ | IVSEM | VECTOR SUB SPACE THEOREMS |

$\qquad$ $e$

PRINCIPAL




## Certificate of Participation

This certificate is presented to C V Prasad, Lecturer in Mathematics of S.K.R.GDC, Rajamahendravaram for participating in Three days Training Program on "Internship and LMS" held at Nodal Resource Center,Rajahmundry from 02-02-2023 to 04-02-2023


|  | APPGCET - 2023 <br> Post Graduation Admissions <br> (Conducted by Andhra University, Visakhapatnarn on behalf of APSCHE ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Hail Ticket No | 30720230125 | Rank | 251 |  |
| Candidate Name | KOLLA NAGA SUPRIYA | Father's Name | KOLLA GOPI |  |
| Gender | Female (F) | Caste/Region | $B C$ B/AU |  |

PROVISIONAL ALLOTMENT ORDER(FOF APPGCET-2023 CANDIDATES )
This is to inform that the options exercised by the candidate have been processed based on merit, rank, local area, gender, category, Special Reservation Category (CAP/PH/NCC/SPORTS) etc and the candidate has been allotted a seat in

> Sri Venkateswara University, Thupati, (SVUSPA), TIRUPATI
> in M.Sc. Statistics, (PG104) under OC_GEN_SVU category.

Tuition Fee fixed for the collegdcourse is RE. 53760/-
Tuition fee to be paid by the cardidate at the timo of admission is Rs. $53760 /$ -
Instructions to Candidates :

1. The candidate is instructed to report by clicking on Allotmentlefter and Self-Reporting under Forms tab from website https://sche.ap.gov.in.
2. Take print out of two copies of joining report and report to the allotted college with all original certificates. Submit a copy of joining report and obtain acknowledgment on 2nd copy from the College where you have reported and retain the same with you.
3. If any candidato fails to submit valid original certificates for virification in claiming his/har qualification, caste, region and any other mandatory provisions, at the allotted college, provisional alotment of the seat will be cancelled automatically.
4. Both Self reporting and reporting at the allotted college is compulsory to reaain the present allotment. The last date for Self reporting and reporting at the allotted College is 10/10/2023. Pat all necessary fees if any to the allotted college.
5. If you do not report through Self-reporting system andior not eporting at the allotted college, the provisional allotment will be cancelled and you have no claim on the seat allotied.
6. If The academic credentials verified found false at a later dath, your allotment will be cancelled and you are also liable for criminal prosecution.
7. All the Principals are requested to verity the onginal certificatis viz caste,study, income and Degree/Equivalent certificates of the admitted candidates thoroughly and request to bring to the notio of the Convenor, APPGCET-2O23 Admissions for any deviation.
8. The candidate is informed that the class work shall be commnced from $06 / 10 / 2023$ and directed to attend the class work.
*** This computer generated Provisional Allotmet Order does not require any authentication. ***


|  | APPGCET - 2023 <br> Post Graduation Admissions <br> (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Hall Ticket No | 30720230256 | Rank | 186 |  |
| Candidate Name | sanapaia geotha urra dovi | Father's Name | SANAPALA | SRINU |
| Gender | Fivnale (F) | Caste/Region | $B C, A / A U$ |  |

This is to inform that the options exercised by the candidate have been procassed based on merrit, rank, local area, gender, category, Special Heservation Category (CAPsPH/NCCISPORTS) etc and the candidate has bean alionted a seat in
A.UCollege of Science A Technology, (AUCSSS), Visakhapatnam
is M .5 c . Statistica, (PG104) under OC_ GEN_AU category,
Timition Fee fixed lor the cellegeicourse is Re. 50500 -
Tuition fee so be paid by the candidaty at the time of admission is Res. $59500 \%$ -
bentructions to Cendidates:

1. The canddate is instructed to report by cilcking an Albtrment hotter and Seif-Reporting undar Forms tab from wobsite tups:/Weche ap gov, in .
2. Tabee print out of two copies of joining report and raport to the aitoted colege with nil orginal canilicates. Subenit a copy of joining report and cotain acknowledgnent on 2nd copy from the Colege where you have repoded and retain the same whit you
3. If any candidate tails to submit valid originas centilicates for verficason in dairing hiahher qualificafion, caste, region and any cher mandatory pravisions, at the silotted colege, provisionsilatmers of the seat wit be cancelled automatically.
4. Both Self repoting and reporting as the alioted calega is compusory to retain the present allotmert. The last dime for Seli reporing and reporting at the alictied College is $10 / 102023$. Pay all necessary fees if ary to the aliotted college.
5. If you do not report through Seif-reporting system andfor not reporting th the aliofed colege, the provisional ailotrient wit be cancolled and you have no ctaim on the seat pllittad.
fi. If The acadernic credentings verified found laise at a later date, your alatment will be cancelied and you are aisa linhele for riminal prosecution.
6. All the Prinoipais are mquestad to verify the onginai canticater viz casse,study, income and Degrae/Equivatent certificates of the admitred candidates thoroughly and request to bing to the notice of the Convenco, APPGCET-2023 Admissions for ary daviation.
B. The candidate is irformed than the chass work ahall bo commenced from 06/10/2023 and drected to attand the class wok

