About The College:

DUVVURU RAMANAMMA WOMEN’S COLLEGE (DRW) is a Service Organization sponsored by the Rotary Club of Gudur.

DRW College the pioneer institution for Women’s education was established in 1981 to educate women to empower not just with education but with moral values and social skills. It was started with the noble cause to serve the women community especially from rural and backward sector. The Institution was registered under A.P. Societies Act. and is managed by the D.R. Society for Woman and Child welfare. The college was admitted into grant-in-aid during 1990 by the A.P. Govt. and admitted to UGC section 2 (f) and 12 (b) in the year 1993.

The College was accredited by NAAC with B++ grade during 2004 with 82.05 score and Re-Accredited by NAAC with “A” grade with 3.14 CGPA in 2010 in second cycle and ‘A’ Grade with 3.31 CGPA in Third cycle during 2015. The UGC bestowed CPE Status twice to the College, I Phase in 2010 for two years and & II phase in 2013 for 5 years. The college was also selected by the State Govt. as “College of Excellence” (CoE).

The college was granted autonomous status by the UGC during the year 2010 for a period of Six years, i.e.2010 to 2016. The college aims at the integral and personalized higher education of women. It strives to produce intellectually well-trained, morally upright, socially committed and spiritually inspired women to the society. The primary goal of the institution is to mould young women to become leaders in the various aspects of society to begin with the family. The college has reached its high level of excellence due to the dedicated team work of the Teaching and Non-Teaching Staff, commitment of the Management and the discipline of the students.

The college is nurturing every potentiality in the academic field adopting initiations and new techniques. The college is making sincere efforts to enhance academic and administrative practices by adopting innovative ideas and implementing new teaching learning techniques. The college has made substantial progress in infrastructure facilities with the CPE, Autonomous and other grants. The labs are updated, latest ICT resources for teaching and learning are procured.

The college has crossed many milestones after Re-accreditation and after conferring Autonomous Status and the CPE status by the UGC. Quality sustenance and enhancement initiatives have become a part of institutional culture at every stage. The College is striving for excellence since its inception and it will be a continuous process in future.

VISION

The Vision of the College is:

- To enhance the practical knowledge of the students through qualitative value added career oriented education to cope up well in emerging competitive world in all fields.
- To educate women about their rights and equal opportunities in all aspects of life and to raise their level of aspirations and achievements.
- To educate women about their role for the contribution of economic and social development.
➢ To improve vocational or employment related knowledge and skills.
➢ To achieve the empowerment of women in financial status on par with their brothers in their families.

MISSION
➢ To encourage first generation learners and those from marginalized groups and ensure gender equality.
➢ To offer innovative quality education in emerging fields with flexibility in curriculum and teaching learning process.
➢ To build up a learner-friendly eco-friendly academic environment.
➢ To nurture a student centered teaching-learning culture by judicious use of ICT.
➢ To faster holistic development of character by installing in the spirit of social service and social justice through group activities.
➢ To promote personality development to inculcate habits of self reliance.

CORE VALUES
➢ Integrity and Honesty
➢ Academic Excellence
➢ Research knowledge enrichment
➢ Innovative and Creative thinking
➢ Social responsibility
➢ Participatory Leadership
➢ Ecological sustainability

PROGRAMMES OFFERED
➢ UNDER GRADUATION:

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<tr>
<th>Course</th>
<th>Medium</th>
<th>Aided/Self Financed</th>
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<tr>
<td>B.A(History, Economics, Politics)</td>
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<td>B.Sc(Chemistry, Physics, Zoology)</td>
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<tr>
<td>B.Sc(Mathematics, Physics, chemistry)</td>
<td>Telugu</td>
<td>Self Financed</td>
</tr>
<tr>
<td>B.Sc(Mathematics, Statistics, Com.Science)</td>
<td>English</td>
<td>Self Financed</td>
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<tr>
<td>B.Sc(Bio-Technology, Chemistry, Botany)</td>
<td>English</td>
<td>Self Financed</td>
</tr>
<tr>
<td>B.Sc(Mathematics, Physics, Electronics)</td>
<td>English</td>
<td>Self Financed</td>
</tr>
<tr>
<td>B.Sc - Computer Honors</td>
<td>English</td>
<td>Self Financed</td>
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<tr>
<td>B.Sc(Food Technology, Chemistry, Botany)</td>
<td>English</td>
<td>Self Financed</td>
</tr>
<tr>
<td>B.Sc - Maths Honours</td>
<td>English</td>
<td>Self Financed</td>
</tr>
<tr>
<td>B.A (Telugu Honors)</td>
<td>Telugu</td>
<td>Self Financed</td>
</tr>
</tbody>
</table>

➢ Second Language: Telugu / Hindi
ELIGIBILITY:
- Applicants should have passed the Intermediate Examination or its equivalent.
- Admission to B.Sc., Mathematics will be restricted only to candidates who have taken Mathematics as one of the optional subjects in Intermediate or at +2 level.

APPLICANT SHOULD PRODUCE:
- Pass Certificate issued by the Board of Intermediate or its equivalent.
- Transfer, Conduct and study Certificates from the college last studied.
- Memorandum of marks of Intermediate Marks and S.S.C.
- Migration certificate in the case of other state Boards/university students.
- 6th to Intermediate Study Certificate
- Cast Certificate (for SC, ST & OBC).
- Income Certificate
- Student Aadhar Card
- Student Bank Pass book
- Pass Port Size Photo of the Candidate.
- Mobile Number
- Student e-mail ID

PROGRAMMEWISE COURSES OFFERED

B.A. H.E.P. (History, Economics, Political Science)

I SEMESTER

COURSE TITLES:
- English
- Telugu / Hindi (II Language)
- Human Values And Professional Ethics
- Environmental Studies
- Ancient Indian History And Culture [From Earliest Time To 600ad]-I
- Micro Economic Analysis
- Political Science Basic Concepts

II SEMESTER

COURSE TITLES:
- English
- Telugu / Hindi (II Language)
- ICT - I - Computer Fundamentals And Office Tools
- Communication And Soft Skills-I
- Indian History & Culture 647-1526ad
- Micro Economics
- Political Concepts, Theories & Institution

III SEMESTER

COURSE TITLES:
- English
- Telugu / Hindi (II Language)
- Information And Communication Technology – II
- Communication and Soft Skills
Late Medieval and Colonial History Of India 1526-1857ad
Macro Economic Analysis
Indian Constitution

**B.A. H.E.P. (History, Economics, Political Science)**

**IV SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education
- History & Culture Of India (1857 To 1947 Ad)
- Micro Economic Analysis -II
- Indian Political Process

**V SEMESTER**

**COURSE TITLES:**
- Age Of Rationalism And Humanism The World Between 15th & 18th Centuries
- History & Culture of Andhra Desa (From 12th To 19th Century A.D.)
- Economic Development & Indian Economy
- Indian & Andhra Pradesh Economy
- Political Thought (Westren)
- Indian Political Thought

**B.A. H.E.P. (History, Economics, Political Science)**

**VI SEMESTER**

**COURSE TITLES:**
- History Of Modern Europe From 19th Century To 1945 Ad
- Public Finance
- Principals Of Public Administration
- International Relations
- International Relations
- Contemporary Global Issues

**B.COM (GENERAL)**

**I SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Human Values and Professional Ethics
- Environmental Studies
- Fundamentals of Accounting - I
- Business Economics-I
- Business Organization
- Fundamentals of Information Technology
- Fundamentals of Information Technology

**B.COM (GENERAL)**

**II SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- ICT - I - Computer Fundamentals And Office Tools
- Communication And Soft Skills-I
Fundamentals Of Accounting-II
Business Economics-II
Business Environment
M.S. Office
M.S. Office

B.COM (GENERAL)
III SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
Information and Communication Technology – II
Communication and Soft Skills
Corporate Accounting
Business Statistics-I
Banking Theory and Practice
Programming in C
Programming in C

B.COM (GENERAL)
IV SEMESTER

COURSE TITLES:
Communication & Soft Skills
Analytical Skills
Entrepreneurship Development
Leadership Education
Accounting for Service Organization
Business Law
Income Tax
Programming In C++

B.COM (GENERAL)
V SEMESTER

COURSE TITLES:
Business Leadership
Cost Accounting
Goods & Service Tax Fundamentals
Advanced Accounting
Database Management Systems
Database Management Systems
E-Commerce
E-Commerce

B.COM (GENERAL)
VI SEMESTER

COURSE TITLES:
Management Accounting
Goods & Services Tax And Customs Act
Auditing
Event Management
Marketing For Financial Services
Banking & Financial Service
Project

B.COM (Computer Applications.)
I SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
Human Values And Professional Ethics
Environmental Studies
Fundamentals Of Accounting - I
Business Economics-I
Business Organization
Fundamentals of Computers And Photoshop
Fundamentals of Computers And Photoshop

B.COM (Computer Applications.)

II SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
ICT - I Computer Fundamentals And Office Tools
Communication And Soft Skills-I
Fundamentals Of Accounting-II
Business Economics-II
Business Environment
Programming In C
Programming In C

B.COM (Computer Applications.)

III SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
Information and Communication Technology – II
Communication and Soft Skills
Corporate Accounting
Business Statistics-I
Banking Theory and Practice
Office Automation Tools
Office Automation Tools

B.COM (Computer Applications.)

IV SEMESTER

COURSE TITLES:
Communication & Soft Skills
Analytical Skills
Entrepreneurship Development
Leadership Education
Accounting For Service Organization
Business Law
Income Tax
Object Oriented Programming with C++
Object Oriented Programming with C++

B.COM (Computer Applications.)

V SEMESTER

COURSE TITLES:
Business Leadership
Cost Accounting
Goods & Service Tax Fundamentals
Advanced Accounting
Web Technology
Web Technology
Programming In Java
Programming In Java

B.COM (Computer Applications.)

VI SEMESTER

COURSE TITLES:
Management Accounting
Goods & Services Tax And Customs Act
Auditing
Data Base Management
Data Base Management
E-Commerce Applications
Operating Systems
Operating System

**B.Sc (C.P.Z) Chemistry, Physics, Zoology**

**I SEMESTER**

**COURSE TITLES:**

English
Telugu / Hindi (II Language)
Human Values and Professional Ethics
Environmental Studies
Inorganic and Organic Chemistry
Inorganic and Organic Chemistry
Mechanics and Properties of Matter
Mechanics and Properties of Matter
Animal Diversity and Invertibrates
Animal Diversity and Invertibrates

**B.Sc (C.P.Z) Chemistry, Physics, Zoology**

**II SEMESTER**

**COURSE TITLES:**

English
Telugu / Hindi (II Language)
ICT - I - Computer Fundamentals And Office Tools
Communication And Soft Skills-I
Physical Chemistry & General Chemistry
Quantitative Inorganic Analysis-II
Waves & Oscillations
Waves & Oscillations

Animal Diversity Of Vertebrates
Animal Diversity Of Vertebrates

**B.Sc (C.P.Z) Chemistry, Physics, Zoology**

**III SEMESTER**

**COURSE TITLES:**

English
Telugu / Hindi (II Language)
Information and Communication Technology – II
Communication and Soft Skills
Inorganic and Organic Chemistry – III
Inorganic and Organic Chemistry - III
Wave Optics
Wave Optics
Cytology, Genetics And Evolution

**B.Sc (C.P.Z) Chemistry, Physics, Zoology**

**IV SEMESTER**

**COURSE TITLES:**

Communication & Soft Skills
Analytical Skills
Entrepreneurship Development
Leadership Education
Spectroscopy And Physical Chemistry
Spectroscopy And Physical Chemistry (Practicals)
Thermodynamics & Radiation Physics
Thermodynamics & Radiation Physics
Embryology, Physiology And Ecology
Embryology, Physiology And Ecology
### B.Sc (C.P.Z) Chemistry, Physics, Zoology

#### V SEMESTER

**COURSE TITLES:**
- Inorganic, Physical and Organic Chemistry
- Inorganic, Physical and Organic Chemistry
- Inorganic, Organic and Physical Chemistry
- Electricity, Magnetism & Electronics
- Modern Physics and Medical Physics
- Animal Biotechnology
- Animal Husbandry
- Animal Husbandry

#### VI SEMESTER

**COURSE TITLES:**
- Analog & Digital Electronics
- Analytical Methods In Chemistry
- Principals of Aqua Culture
- Aqua Culture-I
- Aqua Culture Management
- Aqua Culture-II
- Post Harvest Technology
- Project
- Immunology
- Immunology

### B.Sc. (B.Z.C) Botany, Zoology, Chemistry

#### I SEMESTER

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Human Values and Professional Ethics
- Environmental Studies
- Microbial Diversity, Algae And Fungi
- Animal Diversity and Invertibrates
- Animal Diversity and Invertibrates
- Inorganic and Organic Chemistry
- Inorganic and Organic Chemistry

#### II SEMESTER

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- ICT - I - Computer Fundamentals And Office Tools
- Communication and Soft Skills-I
- Diversity of Archaegoniates & Plant Anatomy
- Diversity of Archaegoniates & Plant Anatomy
- Animal Diversity of Vertebrates
- Animal Diversity of Vertebrates
- Physical Chemistry & General Chemistry
- Quantitative Inorganic Analysis-II
B.Sc. (B.Z.C) Botany, Zoology, Chemistry

III SEMESTER

**COURSE TITLES:**

- English
- Telugu / Hindi (II Language)
- Information and Communication Technology – II
- Communication and Soft Skills
- Plant Taxonomy and Embryology
- Plant Taxonomy and Embryology
- Cytology, Genetics and Evolution
- Cytology, Genetics and Evolution
- Inorganic and Organic Chemistry – III
- Inorganic and Organic Chemistry - III
- Quantitative Inorganic Analysis-II

B.Sc. (B.Z.C) Botany, Zoology, Chemistry

IV SEMESTER

**COURSE TITLES**

- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education
- Plant Physiology and Metabolism
- Plant Physiology and Metabolism (Practical-2)
- Embryology, Physiology and Ecology
- Embryology, Physiology and Ecology
- Spectroscopy and Physical Chemistry
- Spectroscopy and Physical Chemistry (Practicals)

B.Sc. (B.Z.C) Botany, Zoology, Chemistry

V SEMESTER

**COURSE TITLES**

- Cell Biology, Genetics and Plant Breeding
- Cell Biology, Genetics and Plant Breeding
- Plant Ecology and Phytogeography
- Plant Ecology and Phytogeography
- Electricity, Magnetism & Electronics
- Electricity, Magnetism & Electronics
- Modern Physics
- Modern Physics
- Animal Biotechnology
- Animal Biotechnology
- Animal Husbandry
- Animal Husbandry

B.Sc. (B.Z.C) Botany, Zoology, Chemistry

VI SEMESTER

**COURSE TITLES**

- Analytical methods in chemistry
- Analytical methods in chemistry
- Nursery, Gardening & Floriculture
- Nursery, Gardening & Floriculture
- Principals Of Aqua Culture
- Aqua Culture-I
- Aqua Culture Management
- Aqua Culture-II
- Post Harvest Technology
- Project
- Immunology
- Immunology
B.Sc. (M.P.C) Mathematics, Physics, Chemistry

I SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
Human Values And Professional Ethics
Environmental Studies
Differential Equations
Mechanics And Properties Of Matter
Mechanics And Properties Of Matter
Inorganic And Organic Chemistry
Inorganic And Organic Chemistry

B.Sc. (M.P.C) Mathematics, Physics, Chemistry

II SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)
ICT - I - Computer Fundamentals And Office Tools
Communication And Soft Skills-I
Solid Geometry
Waves & Oscillations
Waves & Oscillations
Physical Chemistry & General Chemistry
Quantitative Inorganic Analysis-II

B.Sc. (M.P.C) Mathematics, Physics, Chemistry

III SEMESTER

COURSE TITLES:
English
Telugu / Hindi (II Language)

B.Sc. (M.P.C) Mathematics, Physics, Chemistry

IV SEMESTER

COURSE TITLES:
Information and communication technology – ii
Communication and soft skills
Real analysis
Wave optics
Wave optics
Inorganic and organic chemistry – iii
Inorganic and organic chemistry – iii

B.Sc. (M.P.C) Mathematics, Physics, Chemistry

V SEMESTER

COURSE TITLES:
Ring Theory & Matrices
Linear Algebra
Electricity, Magnetism & Electronics
Electricity, Magnetism & Electronics
Modern Physics
Modern Physics
Inorganic, Physical and Organic Chemistry
Inorganic, Physical and Organic Chemistry
Inorganic, Organic and Physical Chemistry
Inorganic, Organic and Physical Chemistry
**B.Sc. (M.P.C) Mathematics, Physics, Chemistry**

VI SEMESTER

**COURSE TITLES:**
- Laplace Transforms
- Integral Transforms
- Laplace And Integral Transforms (Project)
- Vector Calculus
- Analog & Digital Electronics
- Analog & Digital Electronics
- Analytical methods in chemistry
- Analytical methods in chemistry

**BSC (M.C.S) Mathematics, Computer Science, Statistics**

I SEMESTER

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Human Values And Professional Ethics
- Environmental Studies
- Differential Equations
- Fundamentals Of Computers And Photoshop
- Fundamentals Of Computers And Photoshop
- Descriptive Statistics And Probability
- Descriptive Statistics And Probability

**BSC (M.C.S) Mathematics, Computer Science, Statistics**

II SEMESTER

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Information and Communication Technology – Ii
- Communication and Soft Skills
- Real Analysis
- Object Oriented Programming Using Java
- Object Oriented Programming Using Java
- Statistical Methods

**BSC (M.C.S) Mathematics, Computer Science, Statistics**

III SEMESTER

**COURSE TITLES:**
- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education
- Abstract Algebra
- Data Structures
- Data Structures
- Statistical Inference
- Statistical Inference (Practicals)

**BSC (M.C.S) Mathematics, Computer Science, Statistics**

IV SEMESTER

**COURSE TITLES:**
- ICT - I - Computer Fundamentals And Office Tools
- Communication and Soft Skills-I
- Solid Geometry
- Programming In C
- Programming In C
- Mathematical Expectation and Probability Distributions
- Mathematical Expectation and Probability Distributions
**BSc (M.C.S) Mathematics, Computer Science, Statistics**

**V SEMESTER**

**COURSE TITLES:**
- Ring Theory & Matrices
- Linear Algebra
- Software Engineering
- Software Engineering
- Database Management System
- Database Management System
- Sampling Techniques & Design Of Experiments
- Sampling Techniques & Design Of Experiments
- Quality And Reliability
- Quality And Reliability

**BSc (M.C.S) Mathematics, Computer Science, Statistics**

**VI SEMESTER**

**COURSE TITLES:**
- Vector Calculus
- Applied Statistics
- Applied Statistics
- Project
- Cloud Computing
- Computer Networks
- Web Technology
- Web Technology

**BSc (M.C.S) Mathematics, Computer Science, Statistics**

**Environmental Studies**
- Differential Equations
- Mechanics And Properties Of Matter
- Mechanics And Properties Of Matter
- Basic Circuit Theory
- Basic Circuit Theory

**BSc (M.P.E) Mathematics, Physics, Electronics**

**II SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- ICT - I - Computer Fundamentals And Office Tools
- Communication And Soft Skills-I
- Solid Geometry
- Waves & Oscillations
- Waves & Oscillations
- Electronic Devises And Circuits
- Electronic Devises And Circuits

**BSc (M.P.E) Mathematics, Physics, Electronics**

**III SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Information And Communication Technology – Ii
- Communication And Soft Skills
- Real Analysis
- Wave Optics
- Wave Optics
- Digital Electronics
- Digital Electronics
**BSC (M.P.E) Mathematics, Physics, Electronics**

**IV SEMESTER**

**COURSE TITLES:**

- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education
- Abstract Algebra
- Thermodynamics & Radiation Physics
- Analog And Digital Ic Applications

**BSC (M.P.E) Mathematics, Physics, Electronics**

**V SEMESTER**

**COURSE TITLES:**

- Ring Theory & Matrices
- Linear Algebra
- Electricity, Magnetism & Electronics
- Modern Physics
- Microprocessor Systems
- Analog & Digital Communication

**BSC (B.B.C) with Biotechnology, Botany, Chemistry**

**I SEMESTER**

**COURSE TITLES:**

- English
- Telugu / Hindi (II Language)
- Human Values And Professional Ethics
- Environmental Studies
- Microbial Diversity, Algae And Fungi
- Microbiology And Cell Biology
- Inorganic And Organic Chemistry

**BSC (B.B.C) with Biotechnology, Botany, Chemistry**

**II SEMESTER**

**COURSE TITLES:**

- English
- Telugu / Hindi (II Language)
- ICT - 1 - Computer Fundamentals And Office Tools
- Diversity of Archaegoniates & Plant Anatomy

**BSC (M.P.E) Mathematics, Physics, Electronics**

**VI SEMESTER**

**COURSE TITLES:**

- Vector Calculus
- Introduction To Micro Processors & Mictro Controllers
- Electronic Instrumentation
- Analog & Digital Electronics
- Micro Controllers & Applications
- Micro Controllers & Applications
Macromolecules, Enzymologist And Bioenergetics
Physical Chemistry & General Chemistry
Quantitative Inorganic Analysis-II

**BSC (B.B.C) with Biotechnology, Botany, Chemistry**

**III SEMESTER**

**COURSE TITLES:**
- English
- Telugu / Hindi (II Language)
- Information And Communication Technology – Ii
- Communication And Soft Skills
- Plant Taxonomy And Embryology
- Plant Taxonomy And Embryology
- Biophysical Techniques
- Biophysical Techniques

**IV SEMESTER**

**COURSE TITLES:**
- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education
- Plant Physiology and Metabolism
- Plant Physiology and Metabolism (Practical-2)
- Immunology
- Spectroscopy and physical chemistry
- Spectroscopy and physical chemistry (Practicals)

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**BSC (B.B.C) with Biotechnology, Botany, Chemistry**

**V SEMESTER**

**COURSE TITLES:**
- Cell Biology, Genetics and Plant Breeding
- Plant Ecology and Phytogeography
- Molecular Biology
- R-Dna Technology
- Inorganic, Physical And Organic Chemistry
- Inorganic, Organic And Physical Chemistry

**VI SEMESTER**

**COURSE TITLES:**
- Tissue Culture
- Industrial Biotechnology
- Environmental Biotechnology
- Analytical Methods In Chemistry
- Nursery, Gardening & Floriculture
- Plant and Animal Biotechnology
BSC (COMPUTER HONORS)

I SEMESTER

COURSE TITLES:
English
Human Values And Professional Ethics
Environmental Studies
Programming Fundamentals Using C/C++
Programming Fundamentals Using C/C++
Computer System Architecture
Computer System Architecture Lab
Generic Elective - 1 : Elementary Mathematics

BSC (COMPUTER HONORS)

II SEMESTER

COURSE TITLES:
English
ICT - I - Computer Fundamentals And Office Tools
Communication and Soft Skills-I
Java Programming
Java Programming
Discreet Structures
Discreet Structures
Differential Equations

BSC (COMPUTER HONORS)

III SEMESTER

COURSE TITLES:
Operating Systems
Computer Networks
Data Structures
Vector Calculus
Operating Systems Lab
Computer Networkslab

Data Structures Lab
Html Programming Lab
Communication and Soft Skills
Information and Communication Technology - II

BSC (COMPUTER HONORS)

IV SEMESTER

COURSE TITLES:
Communication & Soft Skills
Analytical Skills
Entrepreneurship Development
Leadership Education
Software Engineering
Software Engineering
Design and Analysis of Algorithms
Design and Analysis of Algorithms
Dbms
Dbms
Fundamentals Of Mathematical Statistics
PHP Lab

Bsc (Computer Honors)

V SEMESTER

COURSE TITLES:
Internet Technologies
Theory Of Computation
Data Mining
Information Security
Internet Technologies
Theory Of Computation
Data Mining
Information Security
B.Sc (Computer Honors)
VI SEMESTER

COURSE TITLES:
Computer Graphics
Artificial Intelligence
Cloud Computing
Project
Computer Graphics
Artificial Intelligence
Cloud Computing

B.A (TELUGU HONORS)
I SEMESTER

COURSE TITLES:
English
Human Values And Professional Ethics
Environmental Studies
Telugu Bhasha Charithra
Telugu Saahityam
Andhra Desa Charithra Samskruthi

B.A (TELUGU HONORS)
II SEMESTER

COURSE TITLES:
English
ICT - I - Computer Fundamentals And Office Tools
Communication And Soft Skills-I
Vyakaranamsalu
Telugu Sahityam
Sahitya Prakriya

B.A (TELUGU HONORS)
III SEMESTER

COURSE TITLES:
English
Folklore & Folk Literature
Folk Performing Arts
Telugu Criticism
Communication And Soft Skills
Information And Communication Technology – II

B.A (TELUGU HONORS)
IV SEMESTER

COURSE TITLES:
Analytical Skills
Entrepreneurship Development
Leadership Education
History Of Telugu Literature – I
History Of Telugu Literature - II (Medieval To Contemporary)
Essay Writing

BSC (MATHS HONORS)
I SEMESTER

COURSE TITLES:
English - I
Human Values And Professional Ethics
Environmental Studies
Calculus
Calculus
Algebra
Object Oriented Programming In C++
Object Oriented Programming In C++
**BSC (MATHS HONORS)**

**II SEMESTER**

**COURSE TITLES:**
- English – I
- ICT - I - Computer Fundamentals And Office Tools
- Communication And Soft Skills-I
- Real Analysis
- Differential Equations
- Differential Equations
- Econometric Statistics

**BSC (COMPUTER HONORS)**

**III SEMESTER**

**COURSE TITLES:**
- Operating Systems
- Computer Networks
- Data Structures
- Vector Calculus
- Operating Systems Lab
- Computer Networks Lab
- Data Structures Lab
- Html Programming Lab
- Communication And Soft Skills
- Information And Communication Technology – II

**BSC (MATHS HONORS)**

**IV SEMESTER**

**COURSE TITLES:**
- Communication & Soft Skills
- Analytical Skills
- Entrepreneurship Development
- Leadership Education

**BSC (FOOD TECHNOLOGY)**

**I SEMESTER**

**COURSE TITLES:**
- English - I
- Human Values And Professional Ethics
- Environmental Studies
- Applied Mathematics
- Food Chemistry
- Food Chemistry
- Food Bio-Chemistry
- Food Bio-Chemistry
- Food And Human Nutrition

**BSC (FOOD TECHNOLOGY)**

**II SEMESTER**

**COURSE TITLES:**
- English - I
- ICT - I - Computer Fundamentals And Office Tools
- Communication and Soft Skills-I
- Food Additives & Toxicology
- Food Additives & Toxicology
- Food Process Engineering
- General Microbiology
- General Microbiology
- Applied Mathematics-II
POST GRADUATION PROGRAMMES

- M.Sc.- Mathematics
- M.Sc.- Chemistry
- M.Sc.- Physics
- M.A Corporate Telugu (UGC Innovative Programe)
- M.Sc.- Human Nutrition and Nutraceutical Chemistry (H.N.N.C.)
- UGC Innovative Programe
- M.C.A.
- M.B.A

ELIGIBILITY:

All the Qualified Candidates of V.S.U. CET are eligible for PG Admission and ICET Qualified Candidates are eligible for MCA & MBA Admission.

ADMISSION PROCEDURE:

Application forms can be had from the Principal, D.R.W. College, Gudur, Nellore Dist. on remittance of Rs.10/-. Candidates who want to apply for more than one group should apply in separate application forms. Filled in application forms with attested copies of Marks, T.C., C.C. and S.C., should be submitted. Incomplete applications will be rejected.

Self financed courses and all P.G. courses Students have to pay one year course fee, if they discontinue under any circumstances in the middle of the course. An undertaking to that effect should be given at the time of admission.
### PROGRAMMEWISE COURSES OFFERED

#### PROGRAMME - M.B.A

**I SEMESTER**

**Course Titles:**
- Human Values & Professional Ethics – I
- Management and Organization Theory
- Managerial Communication
- Managerial Economics
- Accounting for Managers
- Statistics for Managers
- Information Technology for Managers
- Case Analysis

#### II SEMESTER

**Course Titles:**
- Advanced course in computer applications
- Human resource management
- Business environment
- Financial management
- Production management
- Marketing Management
- Business research methods
- Case analysis
- Practical - office automation lab

#### III SEMESTER

**Course Titles:**
- Management information systems
- Business laws & ethics
- Operations research

#### IV SEMESTER

- Project report
- Case analysis
- Project viva
- Financial markets and services
- Management of employee relations
- Human resource development

### PROGRAMME - M.B.A

**IV SEMESTER**

**Course Titles:**
- International business management
- Strategic management
- Entrepreneurship development
- Case analysis
- International financial management
- International human resource management
- Performance and reward management

### PROGRAMME - M.C.A

**I SEMESTER**

**Course Titles:**
- Discrete Mathematics
- Probability and Statistics
- Computer Organisation
- Organisation and Management
- Practical-1
- Practical-2
- Practical-3
PROGRAMME - M.C.A.
II SEMESTER

COURSE TITLES:
Computer oriented operation research
Data structures
Operating systems
Programming with java
Accounting & financial management
Software lab
Data structures
Programming with java
Foundation in computer applications

PROGRAMME - M.C.A.
III SEMESTER

COURSE TITLES:
Computer oriented operation research
Data structures
Operating systems
Programming with java
Accounting & financial management
Software lab
Data structures
Programming with java
Foundation in computer applications

PROGRAMME - M.C.A.
IV SEMESTER

COURSE TITLES:
Design and analysis of algorithms
Practical - i (design and analysis of algorithms)
System programming
Web programming
Practical - ii (web programming)
User interface design
Data mining
Practical - iii (datamining)
Seminar

PROGRAMME - M.C.A.
V SEMESTER

COURSE TITLES:
Computer graphics
Object oriented systems development
Systems programming
Decision support systems
Multimedia systems
Software lab - 5
Software lab - 6
Mini project
Seminar
Major project work
Viva voce

PROGRAMME - M.S.C (HUMAN NUTRITION & NUTRACEUTICAL CHEMISTRY)
I SEMESTER

COURSE TITLES:
Basics Of Human Physiology
Nutritional Biochemistry
Nutraceutical and Functional Foods
Food Microbiology
PROGRAMME - M.SC (HUMAN NUTRITION & NUTRACEUTICAL CHEMISTRY)

II SEMESTER

COURSE TITLES:
Essential of macro & micro nutrients
Human nutrition
Clinical & therapeutical nutrients
Biostatistics and research methodology
Practical – iii essentials of macro & micro nutrients and human nutrition
Practical – iv clinical and therapeutic nutritions and biostatistics and research methodology

PROGRAMME - M.SC (HUMAN NUTRITION & NUTRACEUTICAL CHEMISTRY)

III SEMESTER

COURSE TITLES:
Community nutrition
Food processing & safety
Development and marketing of nutraceutical/functional foods
Instrumental techniques
Practical - v community nutrition & food processing and safety
Practical - vi develop. And mark. Of nutraceuticals/functional foods & advanced nutraceutical chemistry & instrumentations

PROGRAMME - M.SC (MATHEMATICS)

I SEMESTER

Course titles:
Algebra
Real analysis
Ordinary differential equations
Numerical methods & c programming
Complex analysis

PROGRAMME - M.SC (MATHEMATICS)

II SEMESTER

COURSE TITLES:
Discrete mathematics
Measure & integration
Partial differential equations
Topology
Advanced complex analysis
PROGRAMME - M.SC (MATHEMATICS)  

III SEMESTER

COURSE TITLES:
Commutative algebra
Functional analysis
Differential geometry
Number theory
Classical mechanics

IV SEMESTER

COURSE TITLES:
Galois theory
Operation research
Graph theory
Banach algebra
Mathematical statistics

PROGRAMME - M.SC (ORGANIC CHEMISTRY)  

I SEMESTER

Course titles:
Inorganic chemistry
Organic chemistry
Physical chemistry
Spectro photometry - group theory and analytical methods
Human values & professional ethics – I

II SEMESTER

COURSE TITLES:
Inorganic chemistry

III SEMESTER

Organic chemistry
Physical chemistry
Bio organic, bio inorganic & bio physical chemistry and chemotherapy
Practical - i inorganic chemistry
Practical - ii organic chemistry
Practical - iii physical chemistry

IV SEMESTER

COURSE TITLES:
Organic chemistry-i
Organic chemistry-ii
Organic spectroscopy & its applications
General chemistry
Human values & professional ethics - ii
Quantum mechanics – I

PROGRAMME - M.SC (PHYSICS)  

I SEMESTER

Course titles:
Classical mechanics and theory of relativity
PROGRAMME -M.SC (PHYSICS)

II SEMESTER

COURSE TITLES:
Atomic and molecular physics
Solid state physics
Analog and digital electronics
Practical - i electronics
Practical - ii general
Viva - voce
Record

PROGRAMME -M.SC (PHYSICS)

III SEMESTER

COURSE TITLES:
Nuclear and particle physics
Physics of semiconductor devices
Condensed matter physics - i
Practical - i computer laboratory practicals
Practical - ii internal elective practical
Viva-voce
Record

PROGRAMME -M.A. (CORPORATE TELUGU)

II SEMESTER

COURSE TITLES:
Telugu epics and moral values
Natural language processing
Human resource management
Communications & journalism
Practical - i nlp
Practical - ii d.t.p.
Human values & professional ethics – ii

PROGRAMME -M.A. (CORPORATE TELUGU)

III SEMESTER

COURSE TITLES:
Viva-voce(project)
Advanced course in computer applications – ii
**Financial Support available to the Students**

The college provides freeships to the deserving UG and PG students. The managing committee members are very philanthropic and they provide freeship to the students that are not eligible for Govt. scholarships and fee concessions. The Welfare Committee of the college will also provide freeships to the students. The Alumni and the parents also support the students by giving freeships to the deserving students. Freeships are provided to the students through the college staff co-operative credit society. All the diploma and certificate courses are run by the college free of cost.

All the eligible candidates belonging to SC, ST, OBC and EBS categories will have financial assistance from the state Govt. and this will be 90%. Meritorious students will also get National Merit Scholarship and in the Hindi Scholarship by Central Govt. Prathibha scholarship by the State Govt. Physically handicapped students and teacher’s children will also get financial assistance from the State Government.

**Rules and Regulations of the College**

**General Rules of Discipline**

1. At the time of admission the student and her parents/guardian has to sign undertaking stating that they will obey the rules and regulations of the college.
2. The student must register with the college office her address at which she lives. Any change in the home address must be intimated to the office in writing at once.
3. Students should obtain leave of absence before they proceeding to home. Continuous absence without an application for leave is serious breach of college discipline.
4. Scribbling, pasting placards or poster or otherwise disfiguring college walls or black boards are strictly prohibited.
5. Students are warned against tampering the light and fan switches and water taps and fittings.
6. All the students should follow the following dress code:
   - For UG: Pink salwar, kameez, white dupatta.
   - For PG: Gray salwar, kameez, white dupatta.
7. Ragging is strictly prohibited in the college.
8. Student should not make any noise while moving from one class room to another class room (with a view to avoid disturbance to the classes, students are advised not to use the corridors except when moving at the beginning of the period from one class room to another).
9. Students are advised not to use the cell phones in the class rooms and day working hours.
10. If any student is absent for one hour in one session it will be treated as absent for half day.
11. Students are not allowed to see any visitors during working hours.
12. Students are advised to check the notice board every day for information and instructions.
13. Any act of indiscipline of misconduct will be viewed seriously and the disciplinary committee may take action against the erring students.
14. Students are expected to be punctual to the theory and practical classes and leave the college premises after the college hours.

15. Students and parents are free to write their suggestions and drop them in the suggestion box or grievance box.

**Facilities Available:**

**Health Center:**

A lady doctor monitors the health aspects of the girl students by visiting the institution for one hour every day. The local doctor extends their services on concession rates to the girl students whenever they need. Medical checkup is being done to all the students every year by the College. Full time Nurse is appointed to take care of Residential students during Night times.

**Canteen**

The Campus provides canteen facility that caters to the students requirements till late hours. It provides tea/coffee, breakfast, lunch and snacks at economical prices. Special care is taken to provide quality and hygienic food to students. Students can also get things prepared of their own choice on payment basis. It also provides stationary and cosmetics.

**Andrapragathi Grameena Bank:**

Andhra Pragathi Grameena Bank opened an extension counter in 2007 and has been upgraded as branch in 2013 and extending necessary services to the staff and students.

**Day Care Centre:**

A Day Care centre is maintained in the college campus with all facilities like play area, rockers, bouncers, swings, to cater the needs of young children of working staff. A care taker is appointed to look after the kids.

**Generator**

125 KVA Generator is provided to College and 15KVA Generator for Hostel to overcome acute power cut problem. Apart from that Solar PV Power generation system of 6KW with battery backup is supplying power to the ground floor, main areas in the college.

**Games & Sports facilities:**

One Acre area is available for sports related activities in the college premises. Adequate provisions have been made for organizing sports and cultural events in the campus. Apart from indoor games, Basket Ball, Volley Ball, Ball Badminton, Tennis Koit, Kabadi, Kho - Kho, Shuttle Badminton and Table Tennis courts are available for outdoor Games. Apart from that Six stationed multi Gym and electronic gym are also available for physical fitness to staff and students.

Free seats / fee concessions are given to students who have represented our college at District / state / national level sports and games. Players are provided with dietary supplements such as milk, egg, sports suits etc.

Outstanding students in sports and games are given due recognition and honored on the Sports Day. Special coaching...
camps are arranged to train the students to develop their skills in various sports and games.

**Drinking Water Facility:**
RO water system is installed in the college premises. The capacity of the system is 500 liters per hour. Cooler is also attached to the RO system and the storage capacity is 500 liters.

**STD Booth:**
STD telephone facility is available to the students in the campus.

**Parking Area:**
There is sufficient area to park two wheelers and four wheelers. It is sponsored by the Alumni.

**National Service Scheme (NSS) & Rotaract:**
The motto of the NSS Scheme is “Not Me but You” If a student participate in the community service activities organized by the NSS not only her personality, knowledge, skill in exercises democratic leadership etc., are enhanced/increased. But also weaker section of the community is promoted.

The college has two well organized N.S.S. units. Two hundred volunteers are enrolled in this scheme every year. The certificates issued by the NSS units in very useful to their further studies and employment. Every year one week special camp is organized in a village identified by the N.S.S.Unit.

**Career Guidance and placement cell:**
To help the students for personal enhancement and development. The cell offers career counseling to the students and also trains the students to face the campus selections by conducting mock interviews. Workshops group discussions and guest lectures by eminent personalities from industries are arranged. The AKC activities will also provide career counseling to the students. Campus selections are arranged by involving reputed companies like, IBM, INFOSIS, WIPRO etc.

**Remedial coaching:**
The performance of the slow learners is enhanced through the remedial classes. The mentors analyze the performance of their wards immediately after the internal examination are conducted and due care is being taken by the concerned teachers to help the students to overcome their weakness in the

**Free Coaching for P.G.CET & ICET:**
Free Coaching is also given for common entrance test for P.G courses and also for professional courses like MCA and MBA.

**Grievance and Redressel Cell:**
The college has Grievance and redressel cell with senior faculty as members. Complaint box is placed in front of the principal’s office and in the hostel in which students drop their grievances.

**Anti Ragging Committee :**
There is anti Ragging Committee in the College. The Committee creates awareness on anti ragging rules of the central and State Govt. The punishment on ragging cases is displayed in the notice boards.

**Creative Corner:**
Collecting, Displaying: Drawings, paintings, poems and short stories by the students. Igniting the minds of the students for creative writing.
Women Empowerment Cell:

Women empowerment cell of our college is established to empower our students and staff. All of its programs are aimed at achieving the dictum of Embodiment, Empowerment and Enhancement of women. The women Empowerment cell encourages women to find practical solutions to their challenges so that each one becomes self-dependent in their own right. To sensitize the women students of college and society about their individual growth like nutrition, health, hygiene and sanitation.

- To offer awareness programs/guest lectures and workshop for female gender to empower and advance their development as individuals in their own right.
- To organize workshops for personality development.
- To create a conducive counselling environment for female gender to share their problems.

Red Ribbon Club:

The Red Ribbon club is established in this institution under National AIDS control program. Every Year nearly 35 students are enrolled in this club. Red Ribbon club conducts different kinds of AIDS awareness programs and Voluntary Blood donation to the students and society.

Welfare Committee:

Welfare committee tries to promote the welfare of students by solving their personal academic and general problems. If necessary they also council the students and improve their mental stability.

Literary and Cultural Committees:

The Committees bring hidden talents of the students and improve their skills by their activities.

Library Rules & Regulations:

Library:

Two fully automated general libraries and departmental library are the integral components of this institution. The students have direct open access to the text books, reference books periodicals, encyclopaedia volumes, bibliography and journals relevant to their academic disciplines. A part from that number of carrier guidance books and all types of job oriented books Telugu, English news papers and Magazines are available. Reprographic facility is also available.

Digital Library:

Digital library is also available with Internet facility, E-learning materials, CD’s DVD’s. Open access e-journals, from ten Web sites and open educational resources from ten web sites available for staff and students.

Library Rules:

- Open access system is followed in the library.
- Each student (U.G and P.G) is eligible to borrow minimum two books and maximum five books from the library.
- The loan period is 15 days from the date of the issue.
- Renewals are allowed on the basis of demand. The borrower should be present along with the book for each renewal.
- Students are requested to leave their belongings such as hand bags, umbrellas, files, text books, printed materials etc. at the property counter of the library.
Examination & Evaluation Procedures

To improve the reliability and validity of education and to bring integration of teaching and testing, the following evaluation system has been devised based on continuous internal assessment and semester end examination with the ratio of 30: 70 percent for both UG and PG courses. The continuous Internal Assessment includes assignment and three internal examinations per semester.

- Internal examinations are compulsory and will be held on scheduled dates with one and half hours duration. Three internal examinations will be conducted out of that the best two will be considered for 20 marks and 10 marks is allotted for assignments.
- The Semester End Examinations with 3 hours duration are evaluated for 70 marks.
- Students should put 75% of attendance in each student to take semester end examinations.
- Students attending state / National camps have to produce the attendance certificate duly signed by the principal to claim for attendance, immediately after the camps.
- Setting of question papers and evaluation will be done by external experts.
- UG answer scripts are evaluated by one external examiner and P.G answer scripts by two external examiners.
- If the difference between two valuations exceeds 20% of the marks, then THIRD valuation will be done for PG students.
- Revaluation facility is provided both for UG and PG students.
- VI th semester Students of UG are given chance to clear any Two backlog papers to complete their course on time by appearing examinations. No supplementary examinations are conducted in any semester.
- Practical examinations are conducted in the even semesters i.e. at the end of II, IV and VI semesters for UG students.
- No candidate is allowed for practical examination without 100% attendance.
- Practical examinations are conducted with one external and one internal examiner.
- The minimum pass percentage for practical examination is 35%.
- To award I / II CLASS for UG examination, a student must have passed all the papers with in the stipulated time. If not she gets THIRD CLASS. However the year
and month of passing for the exam is indicated against each subject in the consolidated marks memo.

- CLASS is awarded separately for Part – I, Part – II and Part – III.
- There is no minimum passing marks for internal examinations.
- The minimum marks for pass in a subject are 35% and aggregate is 40% for UG courses.
- The minimum pass marks in a subject for P.G. course is 40%.
- If a student pass the Semester End Examination but fails to get the aggregate of the Internal assessment and the SEE the student should repeat the Semester End Examinations.
- Failed Students can take the supplementary examination in alternative semesters only along with the Semester End Examination.
- Supplementary examination on should not be taken more than three times for a subject under the same syllabus.

After that the students has to appear for the examinations under the revised syllabus

Malpractice:
If a student is guilty of malpractice, if she is found attempting to copy or in possession of incriminating material. A committee comprising the Principal, the Controller of Examinations, the Head of the department and the invigilator concerned will investigate the case. If found guilty the concerned paper / all subsequent papers of the semester are cancelled and the committee decides further course of action.

Evaluation:
Evaluation of the students for both UG and PG is based on continues internal Assessment and the semester end Examination held at the end of each semester. The Question paper setting will be done by the outside lectures/professors. The valuation of the undergraduate Semester End Examination answer scripts will be valued by external examiners. Post graduate SEE answer scripts will be valued by two external examiners. Practical examinations also conducted by the external examiners.

The pass percentage is 40% aggregate the weightage of marks for both UG and PG is CIA-30% and SEE 70%.

The Vikrama Simhapuri University confers the degree to the students and successful completion of the course of study.

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