

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A),
KAKINADA.**



PROGRAMME SPECIFIC OUTCOMES

2025-26

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A),
KAKINADA.**


CIRCULAR

Dated: 09-09-2025.

All the Staff and Students are informed that the Course Outcomes, Programme Outcomes and Programme Specific Outcomes for All Programmes for the Academic Year 2025-26 displayed in our College Website (asdgdw.ac.in).

Forward this Circular to all Student Groups.

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A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF ZOOLOGY & AQUACULTURE

ZOOLOGY Programme Specific Outcomes (PSOs) (2025-2026)

PROGRAMME SPECIFIC OUTCOMES (PSO'S) OF ZOOLOGY MAJOR


The students who pursue B. Sc - Zoology Major, after completing their programme will be able to:

PSO1. Understand the basic knowledge of Zoology, which includes Morphology, Physiology, Genetics, Evolution, Taxonomy, Cell Biology, Embryology, Economic Zoology, Biochemistry, Biotechnology, Immunology, etc.,

PSO 2. Value the significance of biodiversity in maintaining sustainable Ecosystems and the importance of Environmental Education.

PSO 3. Acquire skills in handling instruments of Autoclave, PCR, Sphygmomanometer, Calorimeter, Bacterial Incubator etc., to perform basic experiments.

PSO 4. Pursue higher education, Employability and become Entrepreneurs with the acquired knowledge.


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A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF ZOOLOGY & AQUACULTURE

AQUACULTURE Programme Specific Outcomes (PSOs) (2025-2026)

PROGRAMME-SPECIFIC OUTCOMES (PSO'S) OF AQUACULTURE MAJOR

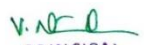
The students who pursue B.Sc-Aquaculture Major, after completing their Programme, will be able to:

PSO1. Understand the basic knowledge of Aquaculture, which includes Morphology, Physiology of aquaculture organisms, pond construction, management, processing and marketing of aquaculture products etc.,

PSO 2. Value the significance of biodiversity in maintaining sustainable Ecosystems and the importance of Environmental Education.

PSO 3. Acquire skills in handling instruments of Autoclave, PCR, pH meter, hand refractometer, TDS meter, Calorimeter, Bacterial Incubator & water and soil analysis kits etc., to perform basic experiments and preparation of aquarium.

PSO 4. Pursue higher education, Employability and become Entrepreneurs with the acquired knowledge.


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A.S.D. Government Degree College for Women (Autonomous) Kakinada

● Program Specific outcomes:

Microbiology students who graduate with a Bachelor of Science with Microbiology will

1. To acquire knowledge in chemistry, Botany and Microbiology and their interrelationships
2. To understand concepts of microbial diseases in plants & animals, their treatment in order to enhance the crop yield and quality of life and sustainable world.
3. To apply the knowledge and understanding of the three subject disciplines in getting employment opportunities such as Quality control Analyst, Quality assurance chemist in microbiological Laboratories.
4. Be proficient on cloning vectors and rDNA technology and make use of the skills in the production of new drugs, food products, Vaccines, Genetically engineered products and Beverages etc.,
5. To pursue higher education and research in multidisciplinary areas like Food, Microbiology, Food Technology etc.,
6. Develop ideas on entrepreneurship in the areas of applied Microbiology like Agriculture & Environmental microbiology, Food & Industrial microbiology sector.


V. N. D.
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A.S.D GOVT DEGREE COLLEGE FOR WOMEN (A)
(Re-Accredited by NAAC with 'B+')
KAKINADA 533002 EASTGODAVARI, ANDHRA PRADESH

DEPARTMENT OF BOTANY 2025-2026

Programme specific outcomes

- **To** understand core concepts in plant biology, including plant anatomy, physiology, Taxonomy, Ecology, and Genetics.
- To apply theoretical knowledge to practical situations, such as conducting laboratory experiments, field studies, and plant identification.
- **To** analyze complex botanical data and interpret experimental results and evaluate plant-related issues, such as conservation challenges and the impact of human activities on plant biodiversity.


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**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN(A),
KAKINADA.
DEPARTMENT OF CHEMISTRY
PSO's of MPC**

1. Enable to acquire strong foundation in Algebra, Real Analysis, Calculus and Linear Algebra.
2. Develop logical, analytical, critical thinking skills by solving maths problems which assists to solve real life problems in related areas.
3. Develop the knowledge and skills in the areas of Mechanics, Thermal Physics, Optics, Electromagnetism, Quantum Physics, Solid state Physics for pursuing higher education and research.
4. Knowledge in energy and matter enables fabrication of new devices.
5. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
6. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
7. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
8. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBZ

1. To develop skills in both theory and practical in Botany, Zoology and Chemistry.
2. To appreciate interdisciplinary aspects in Botany, Zoology and Chemistry.
3. To facilitate the students to pursue higher studies in interdisciplinary areas such as Biochemistry, Bioinorganic Chemistry, Bioinformatics etc.,
4. To facilitate employment as lab analyst in Biological Laboratories.

5. To acquire knowledge and understanding in various instrumentation techniques such as Chromatography, PCR, HPLC which are applicable to all subject disciplines.
6. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
7. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
8. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
9. Pursue higher studies and research in interdisciplinary areas.

PSO's of CZAgt

1. To develop theoretical and practical skills in Zoology, Chemistry and Aquaculture.
2. To understand the interdisciplinary areas in Chemistry, Zoology and Chemistry.
3. To provide opportunity in pursuing higher studies in all disciplines of life sciences and Chemistry.
4. To create Entrepreneurship / Self-employment opportunities in Aquaculture areas.
5. To apply various laboratory techniques learnt in Chemistry in Aquaculture laboratories in areas such as Quality assurance, Quality Control and diagnostics.
6. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.

7. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
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9. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBMB

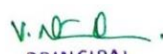
1. To acquire knowledge in chemistry, Botany and Microbiology and the inter relationships.
2. To understand various microbial diseases of plants and their treatment in order to enhance the crop yield.
3. To apply the knowledge and understanding of the three subject disciplines in getting employment opportunities such as Quality control Analyst, Quality assurance chemist in microbiological Laboratories.
4. To make use of the skills in the production of food products, Vaccines and Beverages etc.,
5. To pursue higher education in multidisciplinary areas like Food, Microbiology, Food Technology etc.,
6. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
7. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.

8. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
9. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBHT

1. To learn the chemical composition of Organic and Inorganic manures and pesticides and their application to crops
2. To promote Organic Farming to reduce environmental pollution and to sustain the quality of environment.
3. To motivate the students towards entrepreneurship and self-employment in Landscaping, Nurseries, Green House Management, Grafting Techniques etc.,
4. To pursue higher education in Horticulture, Chemistry, Botany and other interdisciplinary areas.
5. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
6. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
7. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
8. Pursue higher studies and research in interdisciplinary areas.

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**ANNAVARAM SATHYAVATHI DEVI GOVERNMENT DEGREE COLLEGE
FOR WOMEN**

(An Autonomous Institute accredited with NACC with "B" Grade in Cycle III)
Church Square Park, Jagannaickpur, Kakinada, Andhra Pradesh

Department of physics

PSO's of PHYSICS -Major-AY 2025-2026

A student completing this program will be able to:

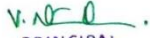
PSO1: Graduates will acquire a comprehensive knowledge and sound understanding of fundamentals of Physics.

PSO2: Graduates will develop practical, analytical and mathematical skills in Physics. Which enabling them to take measurements in a physics laboratory and analyze the measurements to draw valid conclusions.

PSO3 Illustrate the principles of mechanics and properties of matter, electricity, magnetism, thermodynamics, optics, spectroscopy, and can Design, construct and analyze basic electronic and digital circuits. be able to apply this knowledge to analyze a variety of physical phenomena.

PSO4 Through experimental skills and independent work culture through a series of experiments that compliment theories and projects, they develop the capability of oral and written scientific communication and will prove that they can think critically..

PSO5: Graduates will acquire necessary skills to enable them to crack competitive examination for career progression or seeking employment. will be capable of oral and written scientific communication and will prove that they can think critically and work independently.


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**A.S.D. Government Degree College for Women (Autonomous)
Kakinada**



DEPARTMENT OF MATHEMATICS

2025-26

PROGRAMME SPECIFIC OUTCOMES

BSc Mathematics Major

Programme specific outcomes:

PSO1: A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations , terminology.

PSO2: A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.

PSO3 : Student is equipped with mathematical modeling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.

PSO4: Student should be able to apply their skills and knowledge that is translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.

PSO5: Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study

PSO6: The students study mathematical logic which develops the spirit of analytical thinking in them.

V. N. S. R.
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Principal

A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)
KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
B.Sc.(Computer Science)
2025-2026

PROGRAMME SPECIFIC OUTCOMES

PSO1: To understand the principles and working of computer systems and be able to apply computational knowledge and project development skills to provide innovative solutions.

PSO2: To design and develop computer programs and understand the structure and development methodologies of software systems.

PSO3: To apply their skills in the field of algorithms, web design, and data analytics.

N.N.S. Eswari
Signature of the HOD
IN-CHARGE
DEPT. OF COMPUTER SCIENCE
A.S.D.GOV'T. DEGREE COLLEGE (W/AUTONOMOUS)
KAKINADA

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A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA

DEPARTMENT OF HISTORY

2025-26

PROGRAMME SPECIFIC OUTCOMES OF B.A HISTORY (Honours)

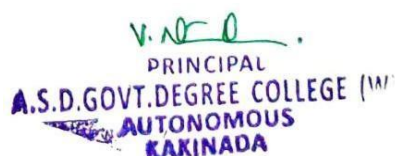
PROGRAMME SPECIFIC OUTCOMES

Major History:

- Gain knowledge of Indian, regional, and world history.
- Develop critical thinking and analytical skills.
- Learn basic research methods and use of historical sources.
- Understand cultural heritage and social diversity.
- Apply historical knowledge to contemporary issues and careers.



Signature of Head of the Department



Signature of the Principal

**ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN
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DEPARTMENT OF ECONOMICS

B.A Single Major Economics (Honors)

Program Specific Outcomes

2025-2026

PSO1. Learn basic concepts, principles and theories in economics

PSO2. Analyze issues in current economy at different levels

PSO3. Acquire employability and research skills in the field of economics

PSO4. To equip with the knowledge of Indian economy and policy framework

PSO5. To create awareness of global economic trends



Signature of Head of the Department.


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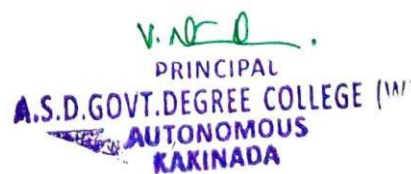
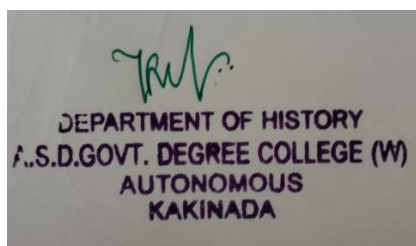
Signature of the Principal

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A),
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DEPARTMENT OF POLITICAL SCIENCE

PROGRAMME SPECIFIC OUTCOMES: 2025 - 26

1. Understanding Political System
2. Policy Analysis and Evaluation
3. International Relations and Global Politics
4. Ethical and Civic Responsibility
5. Political Participation and Advocacy



**A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A),
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DEPARTMENT OF COMMERCE

PROGRAMME SPECIFIC OUTCOMES 2025-26

Programme Specific Outcomes B.Com General (Honors):

PSO 1: Students will learn the relevant financial accounting and managerial accounting skills required for a career in business, applying both quantitative and qualitative knowledge and Students will gain systematic and subject skill in various disciplines of commerce, including business accounting, economics, finance, and auditing.

PSO 2: Students will be able to recognize the features and role of businessmen, entrepreneurs, managers, and consultants, and apply this knowledge to make sound business decisions.

PSO 3: Students will acquire the skills of effective communication, decision-making, and problem-solving in day-to-day business affairs.

PSO 4: Students will be able to demonstrate progressive affective domain development of values of the role of accounting in society and business.

PSO 5: Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA, and other courses.

PSO 6: Students can also acquire practical skills to work as tax consultants, audit assistants, and other financial supporting services and Students will be able to do higher education and advance in the field of commerce and finance.

Programme Specific Outcomes B.Com (Computer Applications) Honours

PSO 1: Apply principles of commerce integrated with computer applications to solve business problems. Utilize software tools to enhance business processes and decision-making.

PSO 2: Demonstrate proficiency in application of programming languages, database management, and software development relevant to commercial applications and

PSO 3: Utilize databases and spreadsheets for business data analysis and decision support.

PSO 4: Understand and apply the concepts of e-commerce, digital marketing, and online business strategies and Implement and manage Enterprise Resource Planning (ERP) systems in business environments.

PSO 5: Understand and adhere to legal and ethical standards in the use of information technology in business.

PSO 6: Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA, and other courses.

PSO 7: Students can also acquire practical skills to work as tax consultants, audit assistants, and other financial supporting services and Students will be able to do higher education and advance in the field of commerce and finance.

Programme Specific outcomes for B.Com (Banking, Insurance & Financial Services) :

PSO-1: To have basic institutional and practical knowledge including up to date information in the field of Banking & Insurance and Financial sectors.

PSO-2: get adequate exposure to operational environment in the field of banking, insurance and other related financial services.

PSO-3 obtain priority in getting employed in leading banking and insurance sector and inculcate ethical values, team work, leadership and managerial skills.

PSO-4 acquire practical skills to work as financial analyst, consultant, audit assistant and other financial supporting services.

PSO-5 acquire knowledge and skill in different areas of communication, decision making, innovations and problem solving in day to day business activities.

PSO-6 trained with acquiring entrepreneurship skills and competencies for handling various financial activities associated with banking, insurance and other allied sectors.

PSO-7: Prepare for advanced studies and professional certifications in banking, insurance, and financial services to enhance career prospects.

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A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)
KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
B.Com.(Computer Applications)
2025-2026

PROGRAMME SPECIFIC OUTCOMES

- PSO1:** To understand the principles and working of computer systems and be able to apply computational knowledge and project development skills to provide innovative solutions.
- PSO2:** To design and develop computer programs and understand the structure and development methodologies of software systems.
- PSO3:** To apply their skills in the field of algorithms, web design, and data analytics.

N.N.S. Eswasi
Signature of the HOD
IN CHARGE
DEPT OF COMPUTER SCIENCE
A.S.D.GOV.T.DEGREE COLLEGE (W)AUTONOMOUS
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A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF ZOOLOGY & AQUACULTURE

ZOOLOGY Programme Specific Outcomes (PSOs) (2025-2026)

PROGRAMME SPECIFIC OUTCOMES (PSO'S) OF ZOOLOGY MAJOR


The students who pursue B. Sc - Zoology Major, after completing their programme will be able to:

PSO1. Understand the basic knowledge of Zoology, which includes Morphology, Physiology, Genetics, Evolution, Taxonomy, Cell Biology, Embryology, Economic Zoology, Biochemistry, Biotechnology, Immunology, etc.,

PSO 2. Value the significance of biodiversity in maintaining sustainable Ecosystems and the importance of Environmental Education.

PSO 3. Acquire skills in handling instruments of Autoclave, PCR, Sphygmomanometer, Calorimeter, Bacterial Incubator etc., to perform basic experiments.

PSO 4. Pursue higher education, Employability and become Entrepreneurs with the acquired knowledge.


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DEPARTMENT OF ZOOLOGY & AQUACULTURE

AQUACULTURE Programme Specific Outcomes (PSOs) (2025-2026)

PROGRAMME-SPECIFIC OUTCOMES (PSO'S) OF AQUACULTURE MAJOR

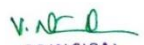
The students who pursue B.Sc-Aquaculture Major, after completing their Programme, will be able to:

PSO1. Understand the basic knowledge of Aquaculture, which includes Morphology, Physiology of aquaculture organisms, pond construction, management, processing and marketing of aquaculture products etc.,

PSO 2. Value the significance of biodiversity in maintaining sustainable Ecosystems and the importance of Environmental Education.

PSO 3. Acquire skills in handling instruments of Autoclave, PCR, pH meter, hand refractometer, TDS meter, Calorimeter, Bacterial Incubator & water and soil analysis kits etc., to perform basic experiments and preparation of aquarium.

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KAKINADA 533002 EASTGODAVARI, ANDHRA PRADESH

DEPARTMENT OF BOTANY 2025-2026

Programme specific outcomes

- **To** understand core concepts in plant biology, including plant anatomy, physiology, Taxonomy, Ecology, and Genetics.
- To apply theoretical knowledge to practical situations, such as conducting laboratory experiments, field studies, and plant identification.
- **To** analyze complex botanical data and interpret experimental results and evaluate plant-related issues, such as conservation challenges and the impact of human activities on plant biodiversity.


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● Program Specific outcomes:

Microbiology students who graduate with a Bachelor of Science with Microbiology will

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3. To apply the knowledge and understanding of the three subject disciplines in getting employment opportunities such as Quality control Analyst, Quality assurance chemist in microbiological Laboratories.
4. Be proficient on cloning vectors and rDNA technology and make use of the skills in the production of new drugs, food products, Vaccines, Genetically engineered products and Beverages etc.,
5. To pursue higher education and research in multidisciplinary areas like Food, Microbiology, Food Technology etc.,
6. Develop ideas on entrepreneurship in the areas of applied Microbiology like Agriculture & Environmental microbiology, Food & Industrial microbiology sector.

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DEPARTMENT OF MATHEMATICS

2025-26

PROGRAMME SPECIFIC OUTCOMES

BSc Mathematics Major

Programme specific outcomes:

PSO1: A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations , terminology.

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PSO6: The students study mathematical logic which develops the spirit of analytical thinking in them.

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FOR WOMEN**

(An Autonomous Institute accredited with NACC with "B" Grade in Cycle III)
Church Square Park, Jagannaickpur, Kakinada, Andhra Pradesh

Department of physics

PSO's of PHYSICS -Major-AY 2025-2026

A student completing this program will be able to:

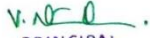
PSO1: Graduates will acquire a comprehensive knowledge and sound understanding of fundamentals of Physics.

PSO2: Graduates will develop practical, analytical and mathematical skills in Physics. Which enabling them to take measurements in a physics laboratory and analyze the measurements to draw valid conclusions.

PSO3 Illustrate the principles of mechanics and properties of matter, electricity, magnetism, thermodynamics, optics, spectroscopy, and can Design, construct and analyze basic electronic and digital circuits. be able to apply this knowledge to analyze a variety of physical phenomena.

PSO4 Through experimental skills and independent work culture through a series of experiments that compliment theories and projects, they develop the capability of oral and written scientific communication and will prove that they can think critically..

PSO5: Graduates will acquire necessary skills to enable them to crack competitive examination for career progression or seeking employment. will be capable of oral and written scientific communication and will prove that they can think critically and work independently.


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**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN(A),
KAKINADA.
DEPARTMENT OF CHEMISTRY
PSO's of MPC**

1. Enable to acquire strong foundation in Algebra, Real Analysis, Calculas and LinearAlgebra.
2. Develop logical, analytical , critical thinking skills by solving maths problems whichassists to solve real life problems in related areas.
3. Develop the knowledge and skills in the areas of Mechanics,Thermal Physics, Optics,Electromagnetism, Quantum Physics, Solid state Physics for pursuing higher education and research.
4. Knowledge in energy and matter enables fabrication of new devices.
5. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials andenergy storage devices like lithium batteries etc.It leads better quality of life and sustainable world.
6. Develop knowledge on organic reactions and their mechanisms which in turn playsmajor role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
7. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize,separate, and characterize compounds using experimental and instrumentation techniques.
8. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBZ

1. To develop skills in both theory and practical in Botany, Zoology and Chemistry.
2. To appreciate interdisciplinary aspects in Botany, Zoology and Chemistry.
3. To facilitate the students to pursue higher studies in interdisciplinary areas such asBiochemistry, Bioinorganic Chemistry, Bioinformatics etc.,
4. To facilitate employment as lab analyst in Biological Laboratories.

5. To acquire knowledge and understanding in various instrumentation techniques such as Chromatography, PCR, HPLC which are applicable to all subject disciplines.
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PSO's of CZAgt

1. To develop theoretical and practical skills in Zoology, Chemistry and Aquaculture.
2. To understand the interdisciplinary areas in Chemistry, Zoology and Chemistry.
3. To provide opportunity in pursuing higher studies in all disciplines of life sciences and Chemistry.
4. To create Entrepreneurship / Self-employment opportunities in Aquaculture areas.
5. To apply various laboratory techniques learnt in Chemistry in Aquaculture laboratories in areas such as Quality assurance, Quality Control and diagnostics.
6. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.

7. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
8. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
9. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBMB

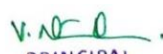
1. To acquire knowledge in chemistry, Botany and Microbiology and the inter relationships.
2. To understand various microbial diseases of plants and their treatment in order to enhance the crop yield.
3. To apply the knowledge and understanding of the three subject disciplines in getting employment opportunities such as Quality control Analyst, Quality assurance chemist in microbiological Laboratories.
4. To make use of the skills in the production of food products, Vaccines and Beverages etc.,
5. To pursue higher education in multidisciplinary areas like Food, Microbiology, Food Technology etc.,
6. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
7. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.

8. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
9. Pursue higher studies and research in interdisciplinary areas.

PSO's of CBHT

1. To learn the chemical composition of Organic and Inorganic manures and pesticides and their application to crops
2. To promote Organic Farming to reduce environmental pollution and to sustain the quality of environment.
3. To motivate the students towards entrepreneurship and self-employment in Landscaping, Nurseries, Green House Management, Grafting Techniques etc.,
4. To pursue higher education in Horticulture, Chemistry, Botany and other interdisciplinary areas.
5. Attain sound knowledge and skill in Inorganic chemistry, Physical Chemistry, which leading to develop new technologies including catalysis, new advanced materials and energy storage devices like lithium batteries etc. It leads better quality of life and sustainable world.
6. Develop knowledge on organic reactions and their mechanisms which in turn plays major role in the synthesis and development of new Chiral drugs/drugs which impact our quality of lives by addressing global society issue health.
7. Achieve the ability to analyse qualitatively, to estimate quantitatively, to synthesize, separate, and characterize compounds using experimental and instrumentation techniques.
8. Pursue higher studies and research in interdisciplinary areas.

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A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)
KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
B.Sc.(Computer Science)
2025-2026

PROGRAMME SPECIFIC OUTCOMES

PSO1: To understand the principles and working of computer systems and be able to apply computational knowledge and project development skills to provide innovative solutions.

PSO2: To design and develop computer programs and understand the structure and development methodologies of software systems.

PSO3: To apply their skills in the field of algorithms, web design, and data analytics.

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DEPT. OF COMPUTER SCIENCE
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KAKINADA

Programme Specific Outcomes (PSOs) for B.Sc. Home Science

PSO1: Human Development and Psychology

Apply principles of human growth, development, and psychology to understand behavioural patterns across life stages, design age-appropriate educational and counselling interventions, and promote mental well-being.

(Linked POs: PO1, PO2, PO3, PO4, PO7, PO9, PO10)

PSO2: Food Science and Nutrition

Demonstrate scientific understanding of food composition, nutritional requirements, and dietary planning; assess community nutrition status, and develop and evaluate meal plans and therapeutic diets for individuals and groups to promote health and prevent disease.

(Linked POs: PO1, PO2, PO6, PO7, PO9, PO10)

PSO3: Textiles, Clothing, and Apparel Design

Identify, classify, and evaluate textile fibres, fabrics, and clothing materials; apply design principles, garment construction skills, and traditional textile knowledge for creative and sustainable apparel production.

(Linked POs: PO1, PO2, PO6, PO7, PO8, PO10)

PSO4: Family Resource Management and Housing

Apply principles of resource management, family economics, and housing design to optimize the use of time, energy, money, and materials; develop efficient, safe, and inclusive living environments for better quality of life.

(Linked POs: PO1, PO4, PO6, PO7, PO8, PO10)

PSO5: Extension Education and Community Development

Plan, implement, and evaluate extension and community development programs; communicate effectively with diverse groups; promote gender equity, social responsibility, and sustainable community initiatives.

(Linked POs: PO2, PO3, PO4, PO5, PO6, PO8, PO10)

PSO6: Health Sciences and Physiology

Explain and analyze human physiological processes and their relationship to nutrition, health, and well-being; apply this understanding in promoting holistic health, disease prevention, and lifestyle management.

(Linked POs: PO1, PO4, PO6, PO7, PO9, PO10)

PSO7: Professional and Lifelong Learning Skills

Demonstrate problem-solving abilities, teamwork, leadership, ethical conduct, and effective communication to pursue higher studies, research, entrepreneurship, or professional careers in Home Science and related fields.

(Linked POs: PO2, PO4, PO8, PO9, PO10)

✓ **Summary Table (Optional for documentation or AQAR/NAAC use):**

PSO	Programme Specific Outcome	Linked POs
PSO1	Apply human development and psychological principles for individual and family well-being.	PO1, PO2, PO3, PO4, PO7, PO9, PO10
PSO2	Demonstrate nutrition and dietetics knowledge to promote health and prevent disease.	PO1, PO2, PO6, PO7, PO9, PO10
PSO3	Apply textile and apparel design principles for creative and sustainable production.	PO1, PO2, PO6, PO7, PO8, PO10
PSO4	Manage family and household resources effectively, ensuring safety and inclusivity in housing.	PO1, PO4, PO6, PO7, PO8, PO10
PSO5	Plan and evaluate extension and community development programmes for social change.	PO2, PO3, PO4, PO5, PO6, PO8, PO10
PSO6	Analyze physiological and health processes for improving human well-being.	PO1, PO4, PO6, PO7, PO9, PO10
PSO7	Exhibit communication, ethics, teamwork, and lifelong learning skills for professional excellence.	PO2, PO4, PO8, PO9, PO10

□ **CO–PO–PSO Mapping Matrix for B.Sc. Home Science**

Course Code & Title	Relevant POs	Relevant PSOs	Justification (Summary of CO Alignment)
HSC 25101 – General Psychology	PO1, PO2, PO3, PO4, PO7, PO9, PO10	PSO1, PSO7	Develops critical and analytical thinking, understanding of human behaviour, communication, and counselling skills.
HSC 25102 – Housing for Better Living	PO1, PO6, PO7, PO8, PO10	PSO4	Encourages design application, sustainability, safety, and effective management of housing resources.
HSC 25201 – Human Physiology	PO1, PO4, PO6, PO7, PO9, PO10	PSO6	Builds scientific knowledge of body systems, promoting health awareness and holistic wellness.
HSC 25202 – Textile Fibers	PO1, PO2, PO6, PO7, PO8, PO10	PSO3	Links textile science with creativity, sustainability, and entrepreneurial skills.
M-FSN 24301 – Basic Nutrition	PO1, PO2, PO6, PO7, PO9, PO10	PSO2, PSO6	Develops understanding of nutrients, health indicators, and diet planning skills.
HSC 24302 – Human Development (LCH, Adolescence, Adulthood)	PO1, PO2, PO3, PO4, PO7, PO9, PO10	PSO1, PSO7	Enhances understanding of developmental stages, psychosocial adjustment, and guidance skills.

Course Code & Title	Relevant POs	Relevant PSOs	Justification (Summary of CO Alignment)
HSC 24303 – Housing for Better Living	PO1, PO6, PO7, PO8, PO10	PSO4	Promotes planning, inclusivity, and application of sustainable housing design principles.
HSC 24304 – Extension Education & Community Development	PO2, PO3, PO4, PO5, PO6, PO8, PO10	PSO5, PSO7	Builds community engagement, leadership, and social responsibility through outreach and communication.
HSC 24401 – Interior Design and Decoration	PO1, PO2, PO6, PO7, PO8, PO10	PSO3, PSO4	Applies design and aesthetic principles for creative, functional interiors.
HSC 24402 – Principles of Garment Construction	PO1, PO2, PO7, PO8, PO9, PO10	PSO3, PSO7	Builds garment-making, design, and quality assessment skills linked to employability.
HSC 24403 – Early Childhood Education	PO1, PO2, PO3, PO4, PO5, PO9, PO10	PSO1, PSO5, PSO7	Focuses on curriculum design, ECE management, and child-centred pedagogy.
M-FSN 24401 – Human Physiology	PO1, PO4, PO6, PO7, PO9, PO10	PSO6	Reinforces understanding of body functions for health and nutrition applications.
M-FSN 24402 – Family and Community Nutrition	PO1, PO2, PO5, PO6, PO7, PO9, PO10	PSO2, PSO5, PSO6	Connects nutrition science with community health and policy-level awareness.
HSC 23501 – Resource Management & Family Economics	PO1, PO4, PO6, PO7, PO8, PO10	PSO4, PSO7	Develops decision-making and management abilities in family and resource contexts.
HSC 23502 – Children with Special Needs	PO1, PO2, PO3, PO4, PO7, PO8, PO9, PO10	PSO1, PSO5, PSO7	Promotes inclusivity, empathy, and application of developmental psychology in special education.
HSC 23503 – Guidance and Counselling	PO1, PO2, PO3, PO4, PO7, PO8, PO9, PO10	PSO1, PSO7	Strengthens counselling skills, ethical conduct, and problem-solving in personal and family contexts.
HSC 23504 – Textile and Apparel Design	PO1, PO2, PO6, PO7, PO8, PO10	PSO3, PSO7	Integrates design, traditional crafts, and technical textile knowledge with innovation.
M-FSN 23501 – Therapeutic Nutrition	PO1, PO2, PO4, PO6, PO7, PO9, PO10	PSO2, PSO6	Enables application of dietetics and therapeutic meal planning for disease management.
M-FSN 23502 – Nutritional Biochemistry	PO1, PO2, PO4, PO6, PO7, PO9, PO10	PSO2, PSO6	Links biochemistry with nutritional functions and metabolism for applied health science.

◆ Example of Weightage Mapping (Quantitative Table for Internal Use)

POs / PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
HSC 25101	★	★	✓	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 25102	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HSC 25201	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 25202	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
M-FSN 24301	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 24302	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 24303	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HSC 24304	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HSC 24401	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HSC 24402	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 24403	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
M-FSN 24401	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
M-FSN 24402	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 23501	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HSC 23502	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 23503	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
HSC 23504	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
M-FSN 23501	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★
M-FSN 23502	★	★	★	★	★	✓	★	★	★	★	★	★	★	★	★	★	★

✓ Legend:

- ★ = Strong correlation (Weight: 3)
- ✓ = Moderate correlation (Weight: 2)
- Blank = No direct correlation

Would you like me to convert this into a **formatted Excel-ready table (xlsx file)** for your departmental documentation? It can include automatic color coding (green for strong, yellow for moderate) and be used directly in NAAC or syllabus records.

A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA

DEPARTMENT OF HISTORY

2025-26

PROGRAMME SPECIFIC OUTCOMES OF B.A HISTORY (Honours)

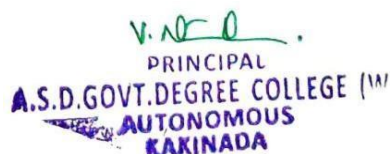
PROGRAMME SPECIFIC OUTCOMES

Major History:

- Gain knowledge of Indian, regional, and world history.
- Develop critical thinking and analytical skills.
- Learn basic research methods and use of historical sources.
- Understand cultural heritage and social diversity.
- Apply historical knowledge to contemporary issues and careers.



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Signature of the Principal

**ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN
(AUTONOMOUS), KAKINADA**

DEPARTMENT OF ECONOMICS

B.A Single Major Economics (Honors)

Program Specific Outcomes

2025-2026

PSO1. Learn basic concepts, principles and theories in economics

PSO2. Analyze issues in current economy at different levels

PSO3. Acquire employability and research skills in the field of economics

PSO4. To equip with the knowledge of Indian economy and policy framework

PSO5. To create awareness of global economic trends



Signature of Head of the Department.


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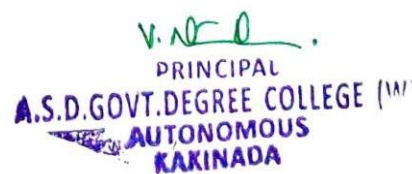
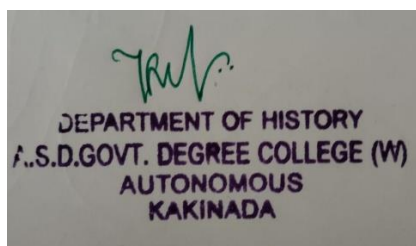
Signature of the Principal

**A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN (A),
KAKINADA**

DEPARTMENT OF POLITICAL SCIENCE

PROGRAMME SPECIFIC OUTCOMES: 2025 - 26

1. Understanding Political System
2. Policy Analysis and Evaluation
3. International Relations and Global Politics
4. Ethical and Civic Responsibility
5. Political Participation and Advocacy



**A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A),
KAKINADA**

DEPARTMENT OF COMMERCE

PROGRAMME SPECIFIC OUTCOMES 2025-26

Programme Specific Outcomes B.Com General (Honors):

PSO 1: Students will learn the relevant financial accounting and managerial accounting skills required for a career in business, applying both quantitative and qualitative knowledge and Students will gain systematic and subject skill in various disciplines of commerce, including business accounting, economics, finance, and auditing.

PSO 2: Students will be able to recognize the features and role of businessmen, entrepreneurs, managers, and consultants, and apply this knowledge to make sound business decisions.

PSO 3: Students will acquire the skills of effective communication, decision-making, and problem-solving in day-to-day business affairs.

PSO 4: Students will be able to demonstrate progressive affective domain development of values of the role of accounting in society and business.

PSO 5: Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA, and other courses.

PSO 6: Students can also acquire practical skills to work as tax consultants, audit assistants, and other financial supporting services and Students will be able to do higher education and advance in the field of commerce and finance.

Programme Specific Outcomes B.Com (Computer Applications) Honours

PSO 1: Apply principles of commerce integrated with computer applications to solve business problems. Utilize software tools to enhance business processes and decision-making.

PSO 2: Demonstrate proficiency in application of programming languages, database management, and software development relevant to commercial applications and

PSO 3: Utilize databases and spreadsheets for business data analysis and decision support.

PSO 4: Understand and apply the concepts of e-commerce, digital marketing, and online business strategies and Implement and manage Enterprise Resource Planning (ERP) systems in business environments.

PSO 5: Understand and adhere to legal and ethical standards in the use of information technology in business.

PSO 6: Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA, and other courses.

PSO 7: Students can also acquire practical skills to work as tax consultants, audit assistants, and other financial supporting services and Students will be able to do higher education and advance in the field of commerce and finance.

Programme Specific outcomes for B.Com (Banking, Insurance & Financial Services) :

PSO-1: To have basic institutional and practical knowledge including up to date information in the field of Banking & Insurance and Financial sectors.

PSO-2: get adequate exposure to operational environment in the field of banking, insurance and other related financial services.

PSO-3 obtain priority in getting employed in leading banking and insurance sector and inculcate ethical values, team work, leadership and managerial skills.

PSO-4 acquire practical skills to work as financial analyst, consultant, audit assistant and other financial supporting services.

PSO-5 acquire knowledge and skill in different areas of communication, decision making, innovations and problem solving in day to day business activities.

PSO-6 trained with acquiring entrepreneurship skills and competencies for handling various financial activities associated with banking, insurance and other allied sectors.

PSO-7: Prepare for advanced studies and professional certifications in banking, insurance, and financial services to enhance career prospects.

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A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)
KAKINADA
DEPARTMENT OF COMPUTER SCIENCE
B.Com.(Computer Applications)
2025-2026

PROGRAMME SPECIFIC OUTCOMES

- PSO1:** To understand the principles and working of computer systems and be able to apply computational knowledge and project development skills to provide innovative solutions.
- PSO2:** To design and develop computer programs and understand the structure and development methodologies of software systems.
- PSO3:** To apply their skills in the field of algorithms, web design, and data analytics.

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