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UNDERGRADUATE (UG) PROGRAMME **B.A. ENGLISH**

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and
FO 2	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
PO 5	emerging environmental challenges and provide the possible contribution in
PO 5	sustainable development that integrates environment, economy and
	employment.
PO 6	Skill Development and Employable Abilities: Adequate training in relevant
PUO	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

Upon completion of B.A. English Literature Programme, students will be able to

1	PSO -1	read and interpret various literary texts focusing on themes, generic conventions, historical and social contexts
2	PSO - 2	demonstrate effective communication skills- Listening, Speaking, Reading and Writing
3	PSO – 3	face the competitive examinations confidently
4	PSO – 4	apply the critical, literary and theoretical approaches to the analysis of literary texts
5	PSO - 5	get a better perspective on Journalism and News Media and emerge as freelance writers, journalists and social activists
6	PSO – 6	use digital sources and digital resources for interpretations
7	PSO - 7	meet the society and the corporate world confidently with the acquired knowledge of language and literature
8	PSO - 8	evolve as better citizens and human beings with values and strive consciously for growth
9	PSO – 9	transfer critical reading skills to other domains of one's life and work
10	PSO – 10	seek employment in the preferred field of interest and pursue higher education

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PEO 1	Graduates will demonstrate comprehensive knowledge of literature in their chosen domain. They will describe a range of literary techniques and rhetorical strategies used in texts, including their relationship to audience, purpose and cultural context.
PEO 2	Graduates will be able to recognize poetry from a variety of cultures, languages and historic periods; understand and appreciate poetry as a literary art form; analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, theme, etc. and broaden their vocabularies and to develop an appreciation of literature.
PEO 3	Graduates will showcase leadership qualities and diverse learning by cultivating versatile skills of teamwork, morality, ethics, communication and analytical skills.
PEO 4	To empower graduates for employment in the fields of translation, content writing, teaching and orient them for research and higher studies.
PEO 5	Acquire skills on management, leadership and team building among the group, enhanced with social responsibility and ethical values for shaping them as better citizens and professionals.

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BACHELOR OF BUSINESS ADMINISTRATION

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., **B.B.A.**, etc.,) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
	Problem Solving : Understanding the task/ problem followed by planning and
PO 2	
	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
POS	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
DO 4	
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
	emerging environmental challenges and provide the possible contribution in
PO 5	sustainable development that integrates environment, economy and
	employment.
	employment.
PO 6	Skill Development and Employable Abilities: Adequate training in relevant
	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of **B.B.A Programme**, the students are expected to

	develop professionally competent citizens by applying the scientific knowledge
PSO 1	of Business Administration with the ability to think clearly, rationally and
	creatively to support in evolving solutions to the social/public/scientific/
	business issues with responsible democratic participation
	enterprise resourcefulness to identify, plan, formulate, design and evaluate
PSO 2	solutions for complex business situations that address the specific needs with
1502	appropriate consideration for Ethical, Societal, Cultural, Environmental and
	Industrial domains.
	ignite the lateral thinking ability in problem solving, acquisition of new skills,
DGG 4	
PSO 3	open-minded and organized way of facing problems with self-awareness and
	evolving analytical solutions
	create and initiate innovations effectively and communicate efficiently with the
PSO 4	business community and society at large to bridge the gap between industry and
	academia
	acquire knowledge, understand, assess and get committed to professional and
PSO 5	ethical principles, norms and responsibilities of the business world and the
	ability for work efficacy as a part of a team and engage effectively with diverse
	stakeholders
	acquire ability and willingness to embark on new ventures and initiatives with
PSO 6	critical thinking and desire for more continuous learning focusing on life skills.

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PEO 1	Graduates will demonstrate comprehensive knowledge of literature in their chosen domain. They will describe a range of literary techniques and rhetorical strategies used in texts, including their relationship to audience, purpose and cultural context.
PEO 2	Graduates will be able to recognize poetry from a variety of cultures, languages and historic periods; understand and appreciate poetry as a literary art form; analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, theme, etc. and broaden their vocabularies and to develop an appreciation of literature.
PEO 3	Graduates will showcase leadership qualities and diverse learning by cultivating versatile skills of teamwork, morality, ethics, communication and analytical skills.
PEO 4	To empower graduates for employment in the fields of translation, content writing, teaching and orient them for research and higher studies.
PEO 5	Acquire skills on management, leadership and team building among the group, enhanced with social responsibility and ethical values for shaping them as better citizens and professionals.

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BACHELOR OF COMMERCE

PROGRAMME OUTCOMES (POs)

On completion of the programme, the students will be able to

PO 1	exhibit the elementary knowledge of business laws.
PO 2	understand the economic, business environment in the basic tools of business analysis.
PO 3	perform various skills of office management.
PO 4	acquire professional education and business ethics.
PO 5	develop entrepreneurial skills for promoting industrial and business activities.
PO 6	expertise in handling problem solving techniques.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Com programme, the students will be able to

PSO 1	be eligible for higher studies such as M.Com, MCA, MBA, ACS, CMA and
	CA
PSO 2	be employable in educational institutions and Banking sectors.
PSO 3	apply the concepts and techniques in commerce.
PSO 4	be proficient in entrepreneurship.
PSO 5	embark on new venture and initiatives with critical thinking and desire for
	more continuous learning focusing of life skills.

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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Under Graduate Commerce Students will:

	demonstrate understanding of the basic concepts and theoretical knowledge used
PEO 1	in the different Commerce and business-related areas like Accounting, Taxation,
	Auditing, Banking, Marketing, Finance, E-Commerce etc.
PEO 2	apply the different tools and techniques in solving the problems related to their
PEO 2	field of study in day-to-day situations during their career
PEO 3	plan and develop the start-ups and entrepreneurial ventures independently
PEUS	through skills developed during the tenure of degree
PEO 4	demonstrate leadership qualities required to lead the diverse teams and small
FEO 4	groups to achieve the common goals of the organization
PEO 5	effectively communicate through different modes and forms of communication
reu 5	while working as a member of team in the organization at different levels

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B.Sc. MATHEMATICS

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in clear
PO 1	and rational manner by understanding the logical connections between ideas and
	decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and
	narrow execution strategy that effectively provides the solution.
DO 2	Effective Communication: Knowledge dissemination by oral and verbal
PO 3	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/
PO 4	moral dimensions and demonstrate the empathetic social concern as well as equity
	in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the emerging
PO 5	environmental challenges and provide the possible contribution in sustainable
	development that integrates environment, economy and employment.
DO (Skill Development and Employable Abilities: Adequate training in relevant skill
PO 6	sector and creating employable abilities among the under graduates.
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PROGRAMME SPECIFIC OUTCOMES (PSOs)

After completion of UG programme, students will be able to

	develop required skills such as arithmetical/analytical/computer
PSO1	programming skills etc., and provide a systematic understanding of the
	fundamental concepts and theories of mathematics.
PSO2	getexpertisewith skills to handle data, problems, to frame hypothesis,
1302	evaluate and validate results, and apply various concepts.
	gain advanced knowledge in the field of various applications of mathematics
PSO3	and apply knowledge of principles, concepts and results in specific subject
	area to analyse.
DGO 4	develop the mathematical ability and abstract intelligence and to become
PSO4	good academician
DCO.5	pursue higher studies which in turn will offer them job opportunities in
PSO5	various sectors like banks ,central government institutions etc.,

PEO 1	gain knowledge in foundational areas of mathematics.
PEO 2	communicate mathematics accurately, precisely and effectively.
PEO 3	develop mathematical thinking.
PEO 4	apply mathematical knowledge.
PEO 5	be able to solve mathematical problems using technology.

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B.Sc. PHYSICS

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication : Knowledge dissemination by oral and verbal mechanisms to the various components of our society.
PO 4	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/ moral dimensions and demonstrate the empathetic social concern as well as equity in all the decisions, executions and actions.
PO 5	Environmental Concern and Sustainable Growth: Understanding the emerging environmental challenges and provide the possible contribution in sustainable development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities : Adequate training in relevant skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of **B.Sc. Physics** Programme, the students are expected to

	acquire core knowledge in Physics, including major areas of Classical
PSO 1	Mechanics, Quantum, Mechanics, Electromagnetism, Optics, Electronics,
	Modern physics, Thermal physics and Mathematical methods.
PSO 2	develop the proficiency in the acquisition of data using a variety of
1502	laboratory instruments and in the analysis and interpretation of such data.
PSO 3	have learned laboratory skills enabling them to take measurements in
1503	physics laboratory and analyse the measurements to draw valid conclusion.
PSO 4	be capable of oral and written scientific communication and will prove that
1504	they can think critically and work independently.
PSO 5	realize and develop an understanding of the impact of physics and science
1503	on society.
	discover physics concepts in other disciplines such as Mathematics,
PSO 6	Computer Science, Chemistry etc.,

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PEO1	Possess fundamental knowledge of physics and able to transfer and apply the acquired phenomena and principles to learn different branches of physics
PEO2	Realize and develop an understanding of the impact of physics and science on society
PEO3	Report the solutions to physics problems and experimental studies either orally or in written format
PEO4	Motivate to pursue PG courses in reputed institutions and to kindle the interest for research in students
PEO5	Equip with creative and analytical skills that will enrich them to participate in co – curricular and extra – curricular activities, to cultivate and grow leadership skills, can act sensitively to recent issues and play a positive role for the benefit of the society.

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B.Sc. CHEMISTRY

PROGRAMME OUTCOMES (POS)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
DO 1	Problem Solving: Understanding the task/ problem followed by planning and
PO 2	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
PO 5	emerging environmental challenges and provide the possible contribution in
	sustainable development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities: Adequate training in relevant
	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Sc. Chemistry Programme, the students are expected to

PSO 1	get a firm foundation in the fundamentals and applications of chemical and scientific theories including environmental and biological aspects in Chemistry.
PSO 2	make use of experiments by demonstration with the help of analytical instruments and analyze the outcomes.
PSO 3	develop skills in problem solving, critical thinking and analytical reasoning as applied to chemistry related problems.
PSO 4	find the solution for the ethical, historic, philosophical, economical and environmental dimensions of problems and issues facing chemists.
PSO 5	pursue post graduate program in higher educational institutions and also to get suitable employment opportunities in industries and academic institutions.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The objectives of the **B.Sc. Chemistry programme** is to prepare/equip the students to

PEO 1	encourage the advancement of chemistry in all of its branches through education, research and service opportunities.	
PEO2	provide students with community need based research and outreach opportunities.	
PEO 3	strive for an ideal balance between creation and knowledge dissemination in the chemical sciences.	
PEO 4	train our students to succeed in competitive examinations.	
PEO 5	develop life–long learning skills and abilities.	

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B.Com. CORPORATE SECRETARYSHIP

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in clear
PO 1	and rational manner by understanding the logical connections between ideas and
	decisions.
PO 2	Problem Solving: Understanding the task/ problem followed by planning and
102	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/
PO 4	moral dimensions and demonstrate the empathetic social concern as well as
	equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the emerging
PO 5	environmental challenges and provide the possible contribution in sustainable
	development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities: Adequate training in relevant skill
100	sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B. Com (Corporate Secretaryship), the students will be able to

PSO 1	face modern day challenges in the corporate sector by providing legal and accounting knowledge.
	decounting mis wreage.
PSO 2	acquire in-depth knowledge of commerce, constitution and corporate laws.
PSO 3	have holistic development to ignite lateral thinking, problem solving, self-awareness and analytical skills.
PSO 4	develop skills to excel in job market with particular reference to secretarial developmental of joint stock companies.
PSO5	build managerial skills to perform the job successfully and productively in the job market which include marketing and HR skills.
PSO6	gain the ability and willingness to venture into business and new initiative with critical thinking and desire for continuous learning focusing on life skills.

PEO 1	Skill development and Employability skills: Adequate training in the
	relevant skills and creating employability among the graduates
DEO 2	Corporate Ethics: Apply ethical practices and commitment in the corporate
PEO 2	practices. Demonstrate empathetic and social concern in all walks of life.
DEO 3	Effective Communication: Dissemination of knowledge by oral, verbal
PEO 3	methods to the various organs of the society.
DEO 4	Higher Learning : Enhance the knowledge in Corporate Laws and to facilitate
PEO 4	Professional courses like ACS ,CA and ICMA
PEO 5	Environmental Concern: Understanding the environmental challenges and
	contribute to the development of environment, economy and corporate sector.

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B.Sc. COMPUTER SCIENCE

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in clear
PO 1	and rational manner by understanding the logical connections between ideas and
	decisions.
DO 4	Problem Solving: Understanding the task/ problem followed by planning and
PO 2	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
PUS	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/
PO 4	moral dimensions and demonstrate the empathetic social concern as well as equity
	in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the emerging
PO 5	environmental challenges and provide the possible contribution in sustainable
	development that integrates environment, economy and employment.
DO 6	Skill Development and Employable Abilities: Adequate training in relevant skill
PO 6	sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of **B.Sc. Computer Science** Programme, the students are expected to

PSO 1	develop as professionally competent citizens by applying the scientific knowledge of Computer Science with the ability to think clearly, rationally and creatively to support in evolving solutions to the social/public/scientific issues with responsible democratic participation
PSO 2	enterprise resourcefulness to identify, plan, formulate, design and evaluate solutions for complex computing problems that address the specific needs with appropriate consideration for Societal, Cultural, Environmental and Industrial domains.
PSO 3	develop holistically to ignite the lateral thinking ability in problem solving, acquisition of new skills, open-minded and organized way of facing problems with self awareness and evolving analytical solutions
PSO 4	create and initiate innovations effectively and communicate efficiently with the computing community and society at large to bridge the gap between computing industry and academia
PSO 5	understand, assess and commit to professional and ethical principles, norms and responsibilities of the cyber world through Digital Literacy and gain the ability for work efficacy as a part of a team and engage effectively with diverse stakeholders
PSO 6	acquire ability and willingness to embark on new ventures and initiatives with critical thinking and desire for more continuous learning focusing on life skills.

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PEO 1	To make the students successful in their professional careers, including entrepreneurship using their knowledge in Computer Science and Applications.
PEO 2	To help the students continue to learn and adopt latest technologies to solve real life problems.
PEO 3	To motivate the students pursue research and higher education.
PEO 4	To inculcate in students professional and ethical attitude, communication skills, teamwork skills, multi – disciplinary approach and an ability to relate computer Science issues with social awareness.
PEO 5	To prepare students to excel in post graduate programmes in Computer Science or to succeed in computing industry profession through quality education.

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POSTGRADUATE (PG) PROGRAMME(AIDED)

M.A. ENGLISH

PROGRAMME OUTCOMES (POs)

Postgraduate (M.A., M.Sc., M.Com., M.C.A., M.B.A., etc.,) is a 2-year degree Programme with 4 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions
PO 1	in clear and rational manner by understanding the logical connections
	between ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning
102	and narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern
	as well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
PO 5	emerging environmental challenges and provide the possible contribution
103	in sustainable development that integrates environment, economy and
	employment.
	Chill Davidanment and Employable Abilities Advanta ()
D 0 (Skill Development and Employable Abilities: Adequate training in
PO 6	relevant skill sector and creating employable abilities among the post
	graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO No.	Upon completion of the programme, students will be able to
PSO -1	approach a wide range of literary texts in English and recognize the ethical implications of reading literary texts
PSO – 2	inculcate a literary, aesthetic and critical awareness of diverse cultures and literary creations and thus to arrive at a broader vision of the world
PSO-3	interpret literary texts within and beyond the theoretical frame work offered by various literary- critical theories
PSO – 4	articulate form and structure, narrative techniques, devices and style in their assignments, translation works , and independent projects
PSO - 5	acquaint the evolution of ever changing language in spite of human interventions.
PSO – 6	objectively assess relative merits, values and ways of life and traversal themes relating to gender, environment, equality and human rights
PSO - 7	demonstrate, develop and determine the effective communication principles using technical writing
PSO – 8	interact, promote and enhance digital literary skills
PSO – 9	synthesize and evaluate the secondary sources with their original responses to literary texts; and demonstrate their ability for critical reading of texts
PSO – 10	participate as active citizen in society and at work; and pursue career and research in English studies and allied disciplines

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PEO 1	Students will acquire general knowledge of a range of historical fields that comprise an English Department, and a range of theories, methods, research protocols, and scholarly practices that are necessary for strong research, teaching, and service in our discipline.
PEO 2	Students will learn a number of strategies for analysing individual examples of literature and film, and for thinking synthetically about works that share a formal, generic, topical, or historical impulse.
PEO 3	Students become capable of interpreting and exploring relationships from the points of view of different people.
PEO 4	Students will gain perceptive insights into the socio-political dynamics, the structuring points of view, the dominant ideology, hegemony, the prevailing common sense and communal underpinnings that mediate the writing, production, reception and survival of a work.
PEO 5	Students will learn literary terms and the various streams in literary criticism, to make them aware of the inter-disciplinary nature of contemporary criticism and to develop in students, skills for literary criticism.

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MASTER OF COMMERCE

PROGRAMME OUTCOMES (POs)

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas, decisions and alsoexhibit the advanced knowledge of business laws.
	Problem Solving : Understanding the task/ problem followed by planning and
PO 2	narrow execution strategy that effectively provides the solution, understand
	the economic, business environment in the basic tools of business analysis
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
104	well as equity in all the decisions, executions, actions, development of social
	qualities, analytical ability and skills
	Engineers and Conserve and Constant Conserve Understanding the
	Environmental Concern and Sustainable Growth: Understanding the
PO 5	emerging environmental challenges and provide the possible contribution in
	sustainable development that integrates environment, economy and
	employment.
	Skill Development and Employable Abilities: Adequate training in relevant
	skill sector and creating employable abilities among the post graduates,
PO 6	expertise in handling problem solving techniquesskills and acquire to pursue
	higher education, researchand development of entrepreneurial skills for
	promoting industrial and business activities

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of M.Com. Programme, the students are expected to

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	develop as professionally competent citizens by applying the knowledge of
PSO 1	Commerce with the ability to think clearly, rationally and creatively to support
	in evolving solutions to the social/public/scientific issues with responsible
	democratic participation and also eligible for higher studies such as M.Phil.,
	Ph.D., MBA, B.Ed., ACS, CMA and CA
	enterprise resourcefulness to identify, plan, formulate, design and evaluate
PSO 2	solutions for complex problems that address the specific needs with appropriate
	consideration for Societal, Cultural, Environmental and Industrial domains.
	develop holistically to ignite the lateral thinking ability in problem solving,
DGO 4	acquisition of new skills, open-minded and organized way of facing problems
PSO 3	with self awareness and evolving analytical solutions and also be employable in
	educational institutions, banking sectors and also proficient in entrepreneurship.
	create and initiate innovations effectively and communicate efficiently with the
	computing community and society at large to bridge the gap between
PSO 4	computing industry and academia and also able to apply the concepts and
	techniques in commerce
	understand, assess and commit to professional and ethical principles, norms and
	responsibilities of the cyber world through Digital Literacy and gain the ability
PSO 5	
	for work efficacy as a part of a team and engage effectively with diverse
	stakeholders
PSO 6	acquire ability and willingness to embark on new ventures and initiatives with
	critical thinking and desire for more continuous learning focusing on life skills.

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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Post Graduate Commerce Students will:

PEO 1	become well versed and competent in the core concepts of the Programme.
PEO 2	be recognized for quantitative, qualitative, cognitive and analytical skills to identify, analyze, design and create business opportunities in a dynamic environment on the Global map.
PEO 3	become successful entrepreneurs and finance professionals in the field of Banking, Insurance, Manufacturing, Transport, Telecom, Service, Hospitality, IT and to pursue career in teaching and for advanced studies.
PEO 4	contribute to the creation, transmission and application of knowledge in the field of Commerce and other related fields adapting to a rapidly changing environment through lifelong learning.
PEO 5	become with professional integrity and humanitarian values to fulfill the societal needs at regional, state, national and global levels.

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M.Sc. MATHEMATICS

PROGRAMME OUTCOMES (POs)

Postgraduate M.Sc. Mathematics is a 2 year degree programme with 4 semesters consisting of the following Programme Outcomes (POs). The students will be able to

PO 1	apply knowledge of mathematics to become competent professionals.
PO 2	identify and solve complex scientific problems using mathematical skills
PO 3	apply the mathematical concepts for the analysis and interpretational data
PO 4	enhance and adopt skills required for higher order employment or jobs through activities such as seminars, workshops and conferences.
PO 5	select, design and apply appropriate computational techniques to solve and models physical problems.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of M.Sc. Mathematics Programme, the students are expected to

PSO1	understand the mathematical concepts and applications in various fields.
PSO2	handle the advanced techniques in various fields to solve variety of problems related to real life problems.
PSO3	have necessary skills and expertise in the field of research and developments through seminars and dissertation.
PSO4	learnabstract algebraic structures and topological structures.
PSO5	learn methods of finding optimal solutions of physical and industrial problems.

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PEO 1	To gain knowledge in foundational areas of Mathematics
PEO 2	To communicate mathematics accurately, precisely and effectively
PEO 3	To develop mathematical thinking
PEO 4	To apply mathematical knowledge
PEO 5	To be able to solve mathematical problems using technology

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SELF FINANCE – UNDERGRADUATE (UG) PROGRAMME

B.Sc. BIOCHEMISTRY

PROGRAMME OUTCOMES (POs)

Undergraduate (B.Sc.) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/ citizenship/ ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and
102	narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal
103	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
PO 5	emerging environmental challenges and provide the possible contribution in
PO 5	sustainable development that integrates environment, economy and
	employment.
PO 6	Skill Development and Employable Abilities: Adequate training in relevant
	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Sc. Biochemistry Programme, the students are expected to

	realize the essential concepts in modern biology to meet the promising trends
PSO 1	and inculcating the aptitude to evaluate the various biological mechanisms
	through diagnostic tools in living cells.
	develop practical laboratory skills and strong exploratory foundation in the
PSO 2	cross over discipline of Chemistry, Microbiology, Molecular Biology and
1502	Bioinformatics by handling microbial, cellular, molecular and biochemical
	systems.
	comprehend the applications of Biochemistry in various fields such as Clinical
DGO 2	
PSO 3	Biochemistry, Medical Diagnostics, Genetic Engineering, Molecular biology &
	Biotechnology.
	build and instigate innovations effectively and communicate efficiently with
PSO 4	the scientific community and society at large to link the gap between scientific
	industry and academia.
PSO 5	contribute to the betterment of the society by inculcating expertise in
	healthcare sector by developing the work efficacy as a part of a team and
	engage effectively in research and development.
	develop the ability and willingness to emberly an new ventures and initiatives
PSO 6	develop the ability and willingness to embark on new ventures and initiatives
	with critical thinking and desire for more continuous learning focusing on
	technical skills.
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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Main objective of the curriculum is to

PEO 1	equip the students with a detailed understanding the molecular events that control growth and development of all living things and thereby enhancing the technical skills to compete and excel in the challenging career aspects.
PEO 2	demonstrate a coherent and systematic approach to the experimental and theoretical aspects of biochemistry. This would also include the student's ability to understand and engage with critical concepts, theories and dogmas.
PEO 3	demonstrate the ability to understand the role of scientific developments, particularly, biological sciences in a changing world from the disciplinary perspective as well as in relation to its professional and everyday use.
PEO 4	communicate ideas, opinions and values both scientific themes and values of life in all shades and shapes in order to expand the knowledge of the subject as it moves from the classroom/laboratory to industry and society.
PEO 5	demonstrate the ability to share the results of academic and disciplinary learning through different forms of communication such as essays, dissertations, reports, findings, notes, seminars etc., on different platforms of communication such as the classroom, the media and the internet.
PEO 6	recognize the scope of biochemistry in terms of career opportunities, employment and lifelong engagement in teaching, publishing, communication, media, soft skills and other allied fields.

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B.Sc. MICROBIOLOGY

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication : Knowledge dissemination by oral and verbal mechanisms to the various components of our society.
PO 4	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/ moral dimensions and demonstrate the empathetic social concern as well as equity in all the decisions, executions and actions.
PO 5	Environmental Concern and Sustainable Growth: Understanding the emerging environmental challenges and provide the possible contribution in sustainable development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities : Adequate training in relevant skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Sc. Microbiology Programme, the students are expected to

PSO 1	explore the biological diversity of microbial forms and various aspects of basic microbiology and able to address broad range of fields such as microbial taxonomy, microbial genetics, molecular biology, biocontrol, biochemistry, food and industrial microbiology and systems biology.
PSO 2	understand the microbial metabolism, concepts of molecular biology, microbial pathogenicity, the role of microorganisms in the human welfare and helps to address the specific solutions for the problems associated with human society.
PSO 3	develop high proficiency in good laboratory practices in microbiological laboratory and able to explain the theoretical basis and practical skills of the tools and techniques common to microbiology.
PSO 4	able to innovate and develop the skills necessary for effective communication of experimental results and scientific principles with the community related to microbiology field and non-microbiology fields.
PSO 5	acquire skills, assess and approach with ethical principles in the current social health issues and the ability to participate in a team.
PSO 6	able to develop employability skills in the various fields of microbiology and ability to engage in life-long learning on life skills.

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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Programme Educational Objectives of the **B.Sc. in Microbiology Programme** at Sourashtra college, Madurai are given below and are numbered from PEO1 to PEO5.

PEO1	To endow with the graduates the knowledge in microbiology and an outline of
	the processes that deal with microbes that facilitate them to handle the secure and
	capable use of microbiological applications with progress of aptitude on par with
	global standards.
PEO2	To train the graduates by teaching the skills to use technical developments
	related to current areas involving molecular biology, immuno technology,
	microbiology, molecular genetics and genetic engineering with the scope of
	versatility in all potential future technologies.
PEO3	To guide the graduates to prefer a decent career option either as Entrepreneur or
	with a high degree of employability; or pursue higher education – by
	empowering them with technical and basic soft skills.
PEO4	To impart a robust sense of communal accountability among the graduates with
	awareness of professional and societal ethical values with leadership capabilities.
PEO5	To ascertain a milieu amidst the graduates that emphasizes the necessity to
	accomplish life-long learning for the general progress of self and society.
	accomplish life—long learning for the general progress of self and society.

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B.Com. COMPUTER APPLICATIONS

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/ citizenship/ ethical credibility, sustainable growth and employable abilities. The students will be able to

PO 1	exhibit the elementary knowledge of business laws.
PO 2	understand the economic, business environment in the basic tools of business analysis.
PO 3	perform various skills of office management.
PO 4	acquire professional education and business ethics.
PO 5	develop Basic Computer Technology.
PO 6	expertise in handling Computer based problem solving techniques.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Com (CA) Programme, the students will be able to

PSO 1	eligible for higher studies such as M.Com, MCA, MBA, ACS, CMA and CA
PSO 2	employable in educational institutions and Banking sectors.
PSO 3	apply the concepts and techniques in commerce and Computer.
PSO 4	proficient in entrepreneurship.
PSO 5	embark on new venture and initiatives with critical thinking and desire for more continuous learning focusing of life skills.

PEO 1	Graduates can pursue higher education and other career oriented programmes globally.
PEO 2	Graduates have wider scope of employment opportunities in the field of Finance, Banking, Insurance, Accounting, Taxation and Research etc.
PEO 3	Graduates develop competencies in Computer Applications by designing, developing and apply the software in the Era of Digitalization.
PEO 4	Graduates should be able to start their own business enterprise or demonstrate their entrepreneurial skills for their organizations in supportive and leadership roles.
PEO 5	Graduates will develop Communication Skills, Interpersonal and Soft Skills which will enable them to interact in a more constructive and productive manner.

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BACHELOR OF COMPUTER APPLICATIONS (B.C.A)

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in clear	
PO 1	and rational manner by understanding the logical connections between ideas and	
	decisions.	
PO 2	Problem Solving : Understanding the task/ problem followed by planning and	
	narrow execution strategy that effectively provides the solution.	
DO 1	Effective Communication: Knowledge dissemination by oral and verbal	
PO 3	mechanisms to the various components of our society.	
	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/	
PO 4	moral dimensions and demonstrate the empathetic social concern as well as equity	
	in all the decisions, executions and actions.	
	Environmental Concern and Sustainable Growth: Understanding the emerging	
PO 5	environmental challenges and provide the possible contribution in sustainable	
	development that integrates environment, economy and employment.	
PO 6	Skill Development and Employable Abilities: Adequate training in relevant skill	
	sector and creating employable abilities among the under graduates.	

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of Bachelor of Computer Applications Programme (BCA), the students are expected to

PSO 1	develop into professionally competent citizens by applying the scientific knowledge of Computer Science with the ability to think clearly, rationally and creatively to support in evolving solutions to the social/public/scientific issues with responsible democratic participation
PSO 2	enterprise resourcefulness to identify, plan, formulate, design and evaluate solutions for complex computing problems that address the specific needs with appropriate consideration for Societal, Cultural, Environmental and Industrial domains.
PSO 3	develop holistically to ignite the lateral thinking ability in problem solving, acquisition of new skills, open-minded and organized way of facing problems with self awareness and evolving analytical solutions
PSO 4	create and initiate innovations effectively and communicate efficiently with the computing community and society at large to bridge the gap between computing industry and academia
PSO 5	understand, assess and commit to professional and ethical principles, norms and responsibilities of the cyber world through Digital Literacy, and the ability for work efficacy as a part of a team and engage effectively with diverse stakeholders
PSO 6	to embark on new ventures and initiatives with critical thinking and desire for more continuous learning focusing on life skills.

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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

B.C.A. Programme has been designed to prepare graduates for attaining the following specific outcomes:

PEO 1	An ability to apply knowledge of mathematics, computer science and
	management in practice.
PEO 2	An ability to apply knowledge of mathematics, computer science and
I EO 2	management in practice.
	The program prepares the young professional for a range of computer
PEO 3	applications, computer organization, techniques of Computer Networking,
reo 3	Software Engineering, Web development, Database management and Advance
	Java
	An ability to design a computing system to meet desired needs within realistic
PEO 4	constraints such as safety, security and applicability in multidisciplinary teams
	with positive attitude.
	An ability to communicate effectively. In order to enhance programming skills of
PEO 5	the young IT professionals, the program has introduced the concept of project
	development in each language/technology learnt during semester.

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B.Sc. INFORMATION TECHNOLOGY

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and
102	narrow execution strategy that effectively provides the solution.
20.4	Effective Communication: Knowledge dissemination by oral and verbal
PO 3	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
DO 5	emerging environmental challenges and provide the possible contribution in
PO 5	sustainable development that integrates environment, economy and
	employment.
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DO (Skill Development and Employable Abilities: Adequate training in relevant
PO 6	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of B.Sc. Information Technology Programme, the students are expected to

PSO 1	develop as professionally competent citizens by applying the scientific knowledge of Computer Science with the ability to think clearly, rationally and creatively to support in evolving solutions to the social/public/scientific issues with responsible democratic participation
PSO 2	enterprise resourcefulness to identify, plan, formulate, design and evaluate solutions for complex computing problems that address the specific needs with appropriate consideration for Societal, Cultural, Environmental and Industrial domains.
PSO 3	develop holistically to ignite the lateral thinking ability in problem solving, acquisition of new skills, open-minded and organized way of facing problems with self awareness and evolving analytical solutions
PSO 4	create and initiate innovations effectively and communicate efficiently with the computing community and society at large to bridge the gap between computing industry and academia
PSO 5	understand, assess and commit to professional and ethical principles, norms and responsibilities of the cyber world through Digital Literacy, and the ability for work efficacy as a part of a team and engage effectively with diverse stakeholders
PSO 6	embark on new ventures and initiatives with critical thinking and desire for more continuous learning focusing on life skills.

PEO 1	To prepare the graduates as successful professionals in Industry, Government sectors, Academia and Consultancy firms.
PEO 2	To make the graduates continuously acquire knowledge, theoretical and applied related to core areas of Information Technology and apply them in all fields.
PEO 3	To prepare graduates with the ability to gain multidisciplinary knowledge through real–time projects and internship training to meet industry needs.
PEO 4	To make the students get a substantial understanding on the concepts in the key areas of Information Technology and its applications.
PEO 5	To train the students to collaborate in diverse team environment to make positive contribution in the IT field.

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B.Sc. MATHEMATICS WITH COMPUTER APPLICATIONS

PROGRAMME OUTCOMES (POs)

The Undergraduate (B.A., **B.Sc.**, B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree Programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in
PO 1	clear and rational manner by understanding the logical connections between
	ideas and decisions.
DO 4	Problem Solving : Understanding the task/ problem followed by planning and
PO 2	narrow execution strategy that effectively provides the solution.
DO 2	Effective Communication: Knowledge dissemination by oral and verbal
PO 3	mechanisms to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value
DO 4	-
PO 4	systems/ moral dimensions and demonstrate the empathetic social concern as
	well as equity in all the decisions, executions and actions.
	Environmental Concern and Sustainable Growth: Understanding the
	emerging environmental challenges and provide the possible contribution in
PO 5	sustainable development that integrates environment, economy and
	employment.
	employment.
DO (Skill Development and Employable Abilities: Adequate training in relevant
PO 6	skill sector and creating employable abilities among the under graduates.

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PROGRAMME SPECIFIC OUTCOMES (PSOs)

After the completion of UG Programme, students will be able to

	develop required skills such as arithmetical/analytical/computer programming
PSO1	skills etc., and provide a systematic understanding of the fundamental concepts
	and theories of Mathematics.
PSO2	expertise with skills to handle data, problems, to frame hypothesis, evaluate
1302	and validate results, and apply various concepts.
	gain advanced knowledge in the field of various applications of Mathematics
PSO3	and apply knowledge of principles, concepts and results in specific subject area
	to analyze.
DCO4	get the mathematical ability and abstract intelligence and get equipped for
PSO4	higher Mathematics and to become good academician
PSO5	pursue higher studies which in turn will offer them job opportunities in various
1303	sectors like banks, central government institutions etc.,

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B.A. TAMIL

PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., B.Sc., B.Com., B.C.A., B.B.A., etc.,) is a 3-year degree programme with 6 Semesters consisting the following Programme Outcomes (POs) under various criteria including thinking, problem solving, effective communication, societal / citizenship / ethical credibility, sustainable growth and employable abilities.

	Critical Thinking: Intellectual exploration of knowledge towards actions in clear
PO1	and rational manner by understanding the logical connections between ideas and
	decisions.
PO2	Problem Solving : Understanding the task/ problem followed by planning and
	narrow execution strategy that effectively provides the solution.
PO3	Effective Communication: Knowledge dissemination by oral and verbal
POS	mechanisms to the various components of our society.
	Societal / Citizenship / Ethical Credibility: Realization of various value system /
PO4	moral dimensions and demonstrate the empathetic social concerns as well as equity
	in all the decisions, execution and actions.
	Environmental concern and Sustainable Growth: Understanding the emerging
PO5	environmental challenges and provide the possible contribution in sustainable
	development that integrates environment, economic and employment.
PO6	Skill development and Employable Abilities: Adequate training in relevant in
100	skill sector and creating employable abilities among the under graduates.



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PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1	தமிழ் இலக்கியங்கள் மற்றும் இலக்கணங்களின் மரபுகள், செல்நெறிகள், எடுத்துரைப்பு ஆகியன குறித்த அடிப்படை அறிவு.
PSO2	தமிழ் இலக்கியம் மற்றும் இலக்கண வகைமைகள் குறித்தும் அவற்றின் தோற்றக்காரணிகள் குறித்துமான அடிப்படைப்புரிதல்.
PSO3	மொழி ஆளுமையை வளர்ப்பதன் வழி ஊடகத்துறையில் பணிவாய்ப்பு, போட்டித்தேர்வுகளை எதிர்கொள்ளும் திறன்.
PSO4	தமிழ் பண்பாடு மற்றும் கலை வடிவங்கள் குறித்த வரலாற்றுப்புரிதல்.
PSO5	வரலாறு. தத்துவம், நாட்டுப்புறவியல், ஊடகவியல், பயண இலக்கியம், சுற்றலாவியல், இதழியல், கோவில் கலைகள் உள்ளிட்ட பிறதுறைகளோடு தமிழுக்கு இருக்கும் தொடர்பினைத் தெளிதல்.

PEO1	தமிழ் இலக்கியப் புலமையும், இலக்கண அறிவும் வாய்க்கப் பெற்றவர்களாகத் தமிழ் மாணவர்களைத் தயார்ப்படுத்துதல்
PEO2	படைப்பார்வம் மிக்கவர்களாக, இலக்கிய விமர்சகர்களாகத் திகழும்படி செய்தல்
PEO3	தமிழைச் சிறந்த முறையில் கற்பிக்கும் ஆசிரியச் சமூகத்தை உருவாக்குதல்
PEO4	தமிழியல் சார்ந்த ஆய்வுகளை மேற்கொள்ளும் நிலைக்கு கொண்டு செல்லுதல்
PEO5	தமிழ் இலக்கியம், தமிழ் மொழி, தமிழ்ப்பண்பாடு முதலியவற்றின் சிறப்புகளை உலகளாவிய நிலையில் கொண்டு சேர்க்கும் பணிகளை மேற்கொள்ளச் செய்தல்



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B.Sc. COMPUTER SCIENCE (CLOUD COMPUTING AND CYBER SECURITY) PROGRAMME OUTCOMES (POs)

Undergraduate (B.A., **B.Sc.**, B.Com., B.C.A., B.B.A., etc.,) is a 3– year degree programme with 6 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ ethical credibility, sustainable growth and employable abilities.

PO 1	Critical Thinking : Intellectual exploration of knowledge towards actions in clear and rational manner by understanding the logical connections between ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication : Knowledge dissemination by oral and verbal mechanisms to the various components of our society.
PO 4	Societal/ Citizenship/ Ethical Credibility : Realization of various value systems/ moral dimensions and demonstrate the empathetic social concern as well as equity in all the decisions, executions and actions.
PO 5	Environmental Concern and Sustainable Growth: Understanding the emerging environmental challenges and provide the possible contribution in sustainable development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities : Adequate training in relevant skill sector and creating employable abilities among the under graduates.



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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of **B.Sc. Computer Science** (Cloud Computing and Cyber Security) Programme, the students are expected to

	think in a critical and logical based manner. Equip with Computer science
PSO 1	technical ability, problem solving skills, creative talent and power of
	communication necessary for various forms of employment
	become familiar with suitable software tools of Computer Science and
PSO 2	industrial applications to handle issues and solve problems in Mathematics or
	Statistics and real– time application related sciences.
PSO 3	know when there is a need for information, to be able to identify, locate,
	evaluate, and effectively use that information for the issue or problem at hand.
PSO 4	understand, formulate, develop programming model with logical approaches to
	and address issues arising in social science, business and other contexts.
	acquire good knowledge and understanding to solve specific theoretical and
	applied problems in advanced areas of Computer science and Industrial
PSO 5	statistics, get adequate exposure to global and local concerns that provides
	platform for further exploration into multi- dimensional aspects of Computing
	sciences.
	receive sufficient knowledge and skills enabling them to undertake further
PSO 6	studies in Computer Science or Applications or Information Technology and its
	allied areas on multiple disciplines linked with Computer Science, develop a
	range of generic skills helpful in employment, internships & societal activities.



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PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

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PEO 1	To make the students successful in their professional careers, including entrepreneurship using their knowledge in Computer Science and Applications.
PEO 2	To help the students continue to learn and adopt latest technologies to solve real life problems.
PEO 3	To motivate the students pursue research and higher education.
PEO 4	To inculcate in students professional and ethical attitude, communication skills, teamwork skills, multi – disciplinary approach and an ability to relate computer Science issues with social awareness.
PEO 5	To prepare students to excel in post graduate programmes in Computer Science or to succeed in computing industry profession through quality education.



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SELF - FINANCE POSTGRADUATE (PG) PROGRAMME

M.Com. COMPUTER APPLICATIONS

PROGRAMME OUTCOMES (POs)

PROGR	AMME OUTCOMES (POS)
	Critical Thinking: Intellectual exploration of knowledge towards actions in clear and
PO 1	rational manner by understanding the logical connections between ideas anddecisions
	and also exhibit the advanced knowledge of business laws.
	Problem Solving : Understanding the task/ problem followed by planning and narrow
PO 2	execution strategy that effectively provides the solution, understand the economic,
	business environment in the basic tools of business analysis
	Effective Communication : Knowledge dissemination by oral and verbal mechanisms
PO 3	to the various components of our society.
	to the various components of our society.
	Societal/ Citizenship/ Ethical Credibility: Realization of various value systems/
70.4	moral dimensions and demonstrate the empathetic social concern as well as equity in
PO 4	all the decisions, executions, actions, development of social qualities, analytical
	ability and skills
	Environmental Concern and Sustainable Growth: Understanding the emerging
PO 5	environmental challenges and provide the possible contribution in sustainable
	development that integrates environment, economy and employment.
	Skill Development and Employable Abilities: Adequate training in relevant skill
	sector and creating employable abilities among the post graduates, expertise in
PO 6	handling problem solving techniques skills and acquire to pursue higher education,
	research and development of entrepreneurial skills for promoting industrial and
	business activities



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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of M.Com (CA) Programme, the students are expected to

PSO 1	develop as professionally competent citizens by applying the knowledge of Commerce with the ability to think clearly, rationally and creatively to support in
	evolving solutions to the social/public/scientific issues with responsible democratic participation and also eligible for higher studies such as M.Phil., Ph.D., MBA,
	B.Ed., ACS, CMA and CA
	enterprise resourcefulness to identify, plan, formulate, design and evaluate solutions
PSO 2	for complex problems that address the specific needs with appropriate consideration
	for Societal, Cultural, Environmental and Industrial domains.
	develop holistically to ignite the lateral thinking ability in problem solving,
PSO 3	acquisition of new skills, open-minded and organized way of facing problems with
	self - awareness and evolving analytical solutions and also be employable in
	educational institutions, banking sectors and also proficient in entrepreneurship.
	create and initiate innovations effectively and communicate efficiently with the
PSO 4	computing community and society at large to bridge the gap between computing
1504	industry and academia and also able to apply the concepts and techniques in
	commerce
	understand, assess and commit to professional and ethical principles, norms and
PSO 5	responsibilities of the cyber world through Digital Literacy and gain the ability for
	work efficacy as a part of a team and engage effectively with diverse stakeholders
PSO 6	acquire ability and willingness to embark on new ventures and initiatives with



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critical thinking and desire for more continuous learning focusing on life skills.

PEO 1	Graduates can pursue higher education and other career oriented programs globally.
PEO 2	Graduates have wider scope of employment opportunities in the field of Finance, Banking, Insurance, Accounting, Taxation and Research etc.
PEO 3	Graduates develop competencies in computer applications by designing, developing and apply the software in the Era of Digitalization.
PEO 4	Graduates should be able to start their own business enterprise or demonstrate their entrepreneurial skills for their organizations in supportive and leadership roles.
PEO 5	Apply critical thinking which improves cognitive skills and logical decision making as business leaders.



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MASTER OF BUSINESS ADMINISTRATION (M.B.A)

PROGRAMME OUTCOMES (POs)

	Entrepreneurial Competences: To equip students to handle challenges thrown
PO 1	during their entrepreneurial journey by creating opportunities within constraints,
	resolving complex business problem.
PO 2	Leadership: Ability to lead themselves and others in the achievement of
102	organizational goals, contributing effectively to a team environment.
PO 3	Managerial Skills: To understand and be conscious of the impact of managerial
103	decisions on the triple bottom- line Profits, People and Planet.
PO 4	Conceptualization Skill: Be adept at analyzing and applying theoretical constructs
104	to various diverse business scenarios.
PO 5	Decision Making skill: To Apply ethical principles for making judicious
103	managerial decisions.
PO 6	Presentation Skill: To Communicate with clarity, coherence, and respect for the
100	intended audience.



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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of MBA Programme, the students are expected to

PSO 1	have developed basic Managerial Competencies like Planning, Organizing, Manning, Directing and Controlling.
PSO 2	have Expertise in their respective specialisations like Marketing, Finance, Human Resource Management and Event Management
PSO 3	have developed the skills required to work in teams like Communications, Relationship management, Empathy, Persuasion, Negotiating skills, Leadership and Conflict Management.
PSO 4	have developed skills required to deal with problem solving like Comprehending Skills, Conceptualisation Skills and Analytical Skills
PSO 5	have developed Technical Skills, Required to take Managerial decision making like Accounting, Financial Management, Operations Research and Quantitative Methods
PSO 6	have developed competencies required to become an entrepreneur like risk taking creativity and innovation and others skills specified in above PSOs

PEO 1	To impart knowledge of the fundamentals of Management theory and its application in problem solving.
PEO 2	To develop capabilities in students to select and apply appropriate tools for decision making required for solving complex managerial problems.
PEO 3	To develop capabilities in students to independently conduct theoretical as well as applied research.
PEO 4	To develop sound knowledge of the entrepreneurial process and inculcate creativity and innovation among students.
PEO 5	To produce industry ready graduates with highest regard for Personal & Institutional Integrity, Social Responsibility, Teamwork and Continuous Learning.



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MASTER OF COMPUTER APPLICATIONS (M.C.A)

PROGRAMME OUTCOMES (POs):

On successful completion of MCA programme, the students are expected to

- 1. <u>Computational Knowledge:</u> Able to apply knowledge of Computing and Technological advances appropriate to the programme, Basic Mathematics, Computing Specialization and Domain Knowledge for the abstraction and conceptualization of proper computing models from defined problems related to various real-life applications for any given requirement..
- 2. Problem Analysis and Solution development: Ability to Identify, critically analyze, invent, formulate research related activities to provide solutions for complex computer science related real-life problems using concepts of Mathematics, Computing Science and Relevant Domains with appropriate consideration reaching valid conclusions and feasible computing solutions.
- 3. **Research Activity:** Apply Research based knowledge and methodologies to design, analyze and interpretation of data and find the solutions for complex problems by Creating, identifying and applying appropriate techniques, resources, and modern computing tools. Hence ability to select modern computing tools, skills and techniques necessary for innovative software solutions.
- 4. **An ability to design,** implement, and evaluate a computer-based system, process, component, or program to meet stakeholder needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations in domains like Banking, Insurance, Healthcare Systems and Multimedia and Mass Communications.



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- 5. **Professional Ethics:** Ability to apply and commit professional ethics and cyber regulations in a global economic environment for professional computing practices and develop the youth with social commitments.
- 6. **<u>Life-long Learning</u>**: Identify and recognize the need and have the ability to engage in independent and continuous learning as a computing professional, which will boost self confidence
- 7. Communication Efficacy: Communicate effectively with the computing community and with society by being able to comprehend effective documentations and presentations to attract a wide range of audiences. They will be able to communicate technical information effectively, both orally and in writing
- 8. **Individual and Team Work**: An ability to function effectively individually and on teams, including diverse and multidisciplinary, to accomplish a common goal. Develop ability to demonstrate team work with the ability of leadership, analytical reasoning for solving time critical problems and strong human values for responsible professional.
- 9. <u>Innovation and Entrepreneurship</u>: Identify a timely opportunities, entrepreneurship vision and use of innovative ideas to create value and wealth for the betterment of the individual and society. Find out right opportunity for entrepreneurship and create and add value for the betterment of an individual and society at large.
- 10. **Social Responsibility**: An ability to analyze the local and global impact of business solutions on individuals, organizations and society. Find and access Social and Environmental issues for local and global needs and give relevant solutions for them.



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PROGRAMME SPECIFIC OBJECTIVES (PSOs)

- 1. Ability to understand, analyze, design, develop and maintain the software application with latest technologies in the areas allied to Algorithms, System Software, Multimedia, Web Design and Big Data Analytics to deliver a quality product for business success..
- 2. Utilize skills and knowledge for computing practice with commitment on social, ethical, cyber and legal values. And also communicate in both oral and written forms, demonstrating the practice of professional ethics and the concerns for social welfare.
- 3. Ability to pursue careers in IT industry/consultancy/ research and development, teaching and allied areas related to Computer Science.



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- To prepare as successful professionals ready for Industry, Government sectors, Academia, Research, Entrepreneurial Pursuit and Consultancy firms by acquiring in-depth knowledge of fundamental concepts in Mathematical and Programming skills for holistic development.
- Contribute to research of their chosen field and function and communicate effectively to do both individually and in a multi-disciplinary team by applying current tools, technologies and research to create systems for solving industry-oriented problems.
- Exhibit professionalism, competent work ethics, effective communication skills, team work in their profession and be able to adapt current trends by engaging in life-long learning through professional activities to admit themselves as high ethical, professional standards and responsible citizens with social commitments.
- Analyze real life problems, design and develop computing systems appropriate to its solutions
 to problems across a broad range of application domains that are technically sound,
 economically feasible and socially acceptable
- Ability to understand, analyze, design, develop and maintain the software application with latest technologies in the areas allied to recent trends in computer science to deliver a quality product for business success.



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M.Sc. MICROBIOLOGY

PROGRAMME OUTCOMES (POs)

Postgraduate (M.A., **M.Sc.,** M.Com., M.C.A., M.B.A., etc.,) is a 2–year degree Programme with 4 semesters consisting the following Programme Outcomes (POs) under various criteria including critical thinking, problem solving, effective communication, societal/citizenship/ethical credibility, sustainable growth and employable abilities.

PO 1	Critical Thinking : Intellectual exploration of knowledge towards actions in clear and rational manner by understanding the logical connections between ideas and decisions.
PO 2	Problem Solving : Understanding the task/ problem followed by planning and narrow execution strategy that effectively provides the solution.
PO 3	Effective Communication: Knowledge dissemination by oral and verbal mechanisms to the various components of our society.
PO 4	Societal/ Citizenship/ Ethical Credibility : Realization of various value systems/ moral dimensions and demonstrate the empathetic social concern as well as equity in all the decisions, executions and actions.
PO 5	Environmental Concern and Sustainable Growth: Understanding the emerging environmental challenges and provide the possible contribution in sustainable development that integrates environment, economy and employment.
PO 6	Skill Development and Employable Abilities : Adequate training in relevant skill sector and creating employable abilities among the post graduates.



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PROGRAMME SPECIFIC OUTCOMES (PSOs)

On completion of M. Sc. Microbiology Programme, the students are expected to

PSO -1	Placement Prepare the students in varied disciplines like agriculture, industry - medical, pharma, dairy, hotel, food and food processing, immunological, cosmetics, vermitechnology and water treatment for effective and respectful placement.
PSO – 2	Entrepreneurship To create effective entrepreneur by enhancing their critical thinking, problem solving, decision making and leadership skill that will facilitate start-ups and high potential organizations.
PSO - 3	Research and Development Design and implement HR systems that comply with good laboratory, practices, following ethical values, leading the organization towards growth and development.
PSO – 4	Contribution to Society To contribute to the development of society and produce microbiological products, by collaborating with stake holders, related to the betterment of environment and mankind at the national and global level.



(A Linguistic Minority Co-education Institution)
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ANNUAL QUALITY ASSURANCE REPORT 2023 - 2024

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Programme Educational Objectives of the **B.Sc. in Microbiology Programme** at Sourashtra College, Madurai are given below and are numbered from PEO1 to PEO5.

PEO1	To provide in-depth knowledge about core areas of biosciences such as biotechnology, biochemistry and microbiology.
PEO2	To make students competent in the field of biosciences and allied areas by providing them hands on experience in basic tools and techniques
PEO3	To instil the ability for research and entrepreneurship in the students along with strong ethics and communication skills.
PEO4	To inculcate, facilitate, motivate and promote knowledge technical skills in core areas of biological sciences including advanced tools and techniques like genomics, proteomics and transcriptomics to young aspirants and to equip and motivate the students to pursue higher education and research in reputed institutes at national and international level in the field Science
PEO5	To develop trained human resource in the field of advanced translational research and to develop graduates with a strong professional ethics and moral duties that will positively affect their profession, community, society and Nation at large.