

ASSABAH

Arts and Science College

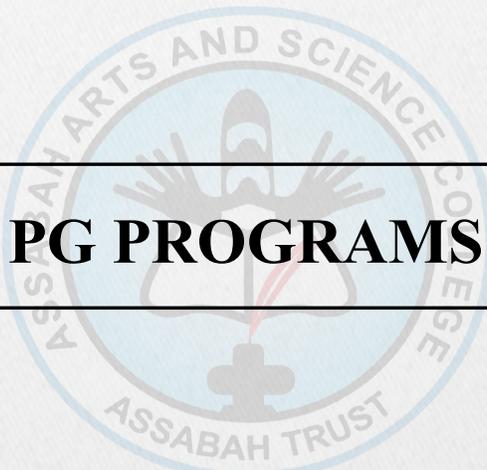


**PROGRAM SPECIFIC OUTCOME
OF VARIOUS DEPARTMENTS**

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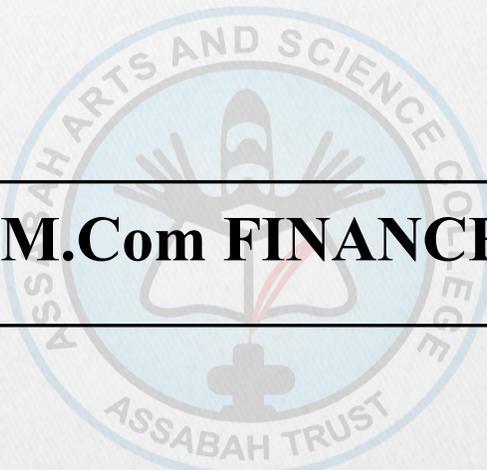


PG PROGRAMS



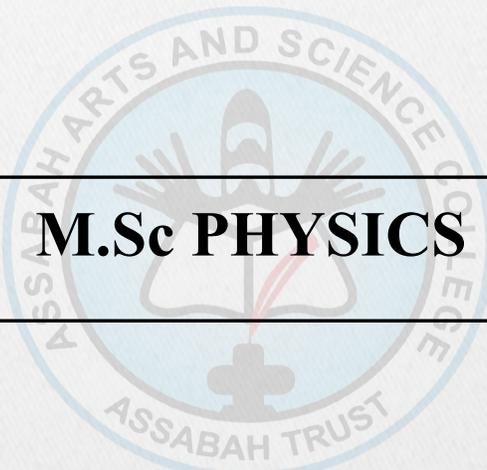
**M.Sc. FOOD SCIENCE AND
TECHNOLOGY**

Code	PSO Statement
PSO1	Acquire a deep scientific knowledge regarding the chemical and microbial characteristics, nutritive and functional properties, processing, preservation. Packaging, engineering and quality control techniques of various type of food items.
PSO2	Able to apply these knowledge and technology to for development of safe, nutritious and high- quality food products.
PSO3	Able to contribute trained human resource with the sound knowledge and skills of food quality assurance and modern food processing technologies, to work in industrial, educational and health sectors
PSO4	Generate the ability to design and conducts research for solving both health/ nutritional and food safety problems of the society and also for contributing to the development of scientific and technical knowledge in food science and technology.
PSO5	Develop into vibrant and internationally competitive food science and technology professional with entrepreneurial skills, good reasoning skills, communication abilities and societal consciousness



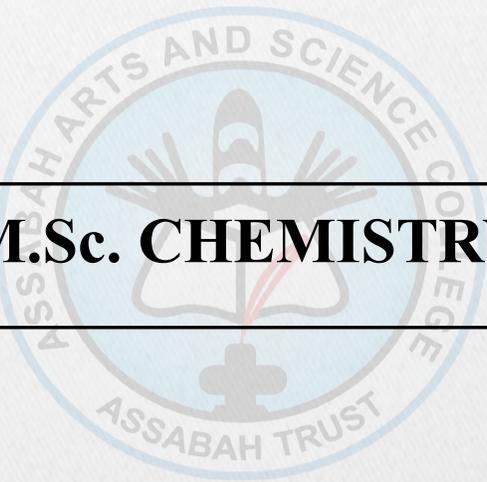
M.Com FINANCE

Code	PSO Statement
PSO1	To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
PSO2	To Develop an ability to apply knowledge acquired in problem solving.
PSO3	Ability to work in teams with enhanced interpersonal skills and communication.
PSO4	The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration.
PSO5	Ability to start their own business.
PSO6	Ability to work in MNCs as well as Pvt , and public companies.
PSO7	To develop team work, leadership and managerial and Administrative skills .
PSO8	Students can go further for professional courses like CA/ CS/CMA/CFA.



M.Sc PHYSICS

Code	PSO Statement
PSO1	Acquire a comprehensive knowledge in physics.
PSO2	Will develop a broad understanding of the physical principles of the universe.
PSO3	Acquire laboratory skills to design advanced experiments and high precision measurements.
PSO4	Be proficient in computing and interfacing techniques.
PSO5	Be empowered for critical thinking and innovation in dealing with scientific problems and experiments.
PSO6	Develop advanced laboratory techniques and instrumentation skills for a career in research.
PSO7	Develop independent research skills through projects.
PSO8	Be provided with opportunities to further their knowledge in frontier areas through elective courses.
PSO9	Be empowered for planning career in physical sciences and also in taking up jobs in other fields in the contemporary society.
PSO10	Be able to communicate effectively and participate actively in team work.



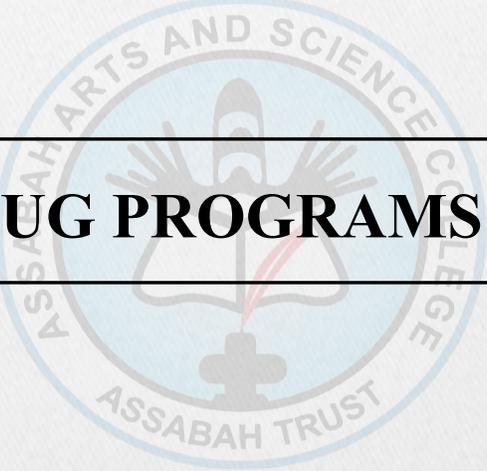
M.Sc. CHEMISTRY

Code	PSO Statement
PSO1	To solve and understand the major concepts of chemistry.
PSO2	To develop critical thinking and use of scientific knowledge to carry out and analyse chemical reactions.
PSO3	To create an awareness of the impact of chemistry on the environment, society and development outside the scientific community.
PSO4	To inculcate the scientific temperament in the students and outside the scientific community.
PSO5	To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratory and in industries.
PSO6	Have sound knowledge about the fundamentals and application of chemical and scientific theories.



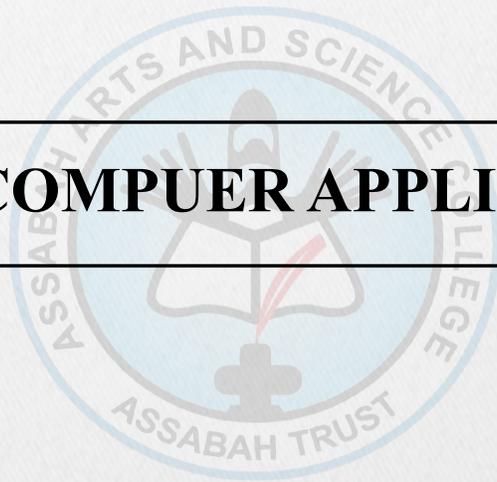
**MA ENGLISH LANGUAGE
AND LITERATURE**

Code	PSO Statement
PSO1	Build on their knowledge of literature acquired through their undergraduate studies in English.
PSO2	Acquire knowledge of the various theoretical and practical aspects of language and literature teaching.
PSO3	Develop their critical thinking further by sharpening their interpretative abilities using different critical approaches.
PSO4	Apply knowledge acquired in the classroom to interpret and evaluate texts independently.
PSO5	Undertake minor research for the courses they are studying in the form of term-papers or projects for internal assessment
PSO6	Develop a complete understanding of research tools, methodology and ethical research practices.
PSO7	Develop complete linguistic, literary, critical, and communicative competence needed to work in the field of education, research, the corporate sector, media, journalism, and other related fields.
PSO8	Integrate the knowledge of human psychology, society and life gained through a study of literature to the domain of real life in order to lead a value-based existence.
PSO9	Transmit the knowledge to sensitive peers, young people or society at large to become responsible global citizens.



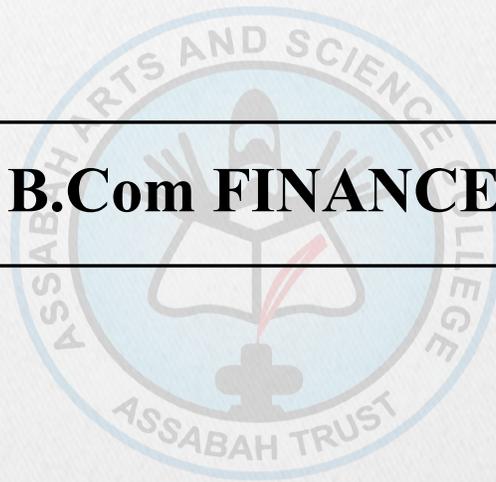
UG PROGRAMS

B.Com COMPUTER APPLICATION



Code	PSO Statement
PSO1	Understand the basic concepts of commerce, management, accounting economics.
PSO2	Students can also get the practical skills to work as accountant, audit assistant, tax consultant, computer operator as well as other financial supporting services.
PSO3	Students will be able to do their higher education and can make research in the field of finance and commerce.
PSO4	Students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day-to-day business activities.
PSO5	Students will be able to integrate information technology and application of computers to business and office.

B.Com FINANCE

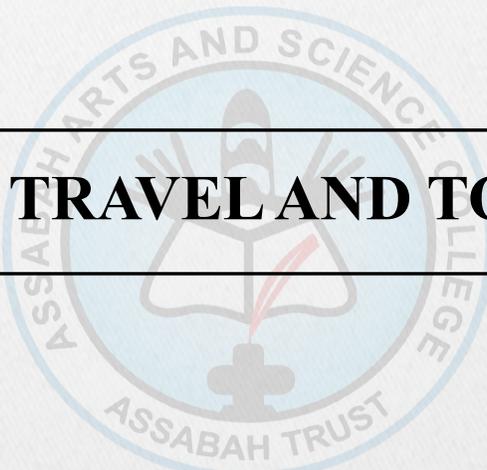


Code	PSO Statement
PSO1	Understand the basic concepts of commerce, management, accounting and economics.
PSO2	Students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day-to-day business activities.
PSO3	Students will be able to do their higher education and can make research in the field of finance and commerce
PSO4	Students can also get the practical skills to work as accountant, audit assistant, tax consultant, computer operator as well as other financial supporting services.
PSO5	Students can assume roles such as businessmen, entrepreneurs, managers, and consultants, enabling them to acquire knowledge, develop soft skills, and respond effectively to critical decision-making challenges.

B.Com CO OPERATION

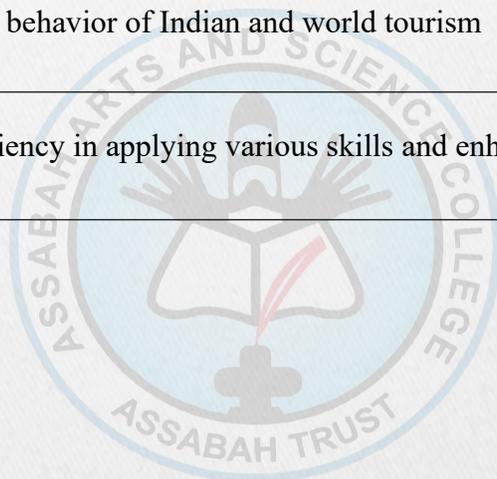


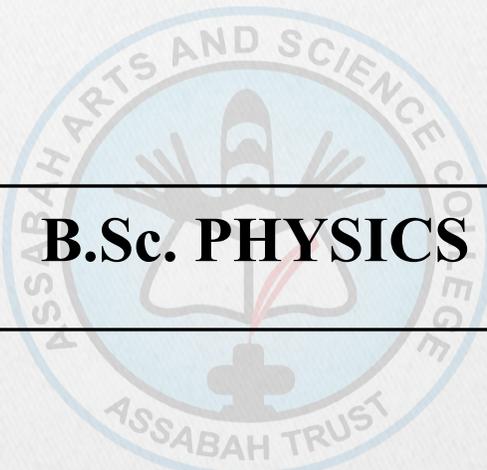
Code	PSO Statement
PSO1	Understand the basic concepts of commerce, management, accounting and economics.
PSO2	Students will be able to do their higher education and can make research in the field of finance and commerce.
PSO3	Students can also get the practical skills to work as accountant, audit assistant, tax consultant, computer operator as well as other financial supporting services.
PSO4	Students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day-to-day business activities.
PSO5	Students will be able to ingest innovative and creative thinking to ensure professionalism for supporting the cooperative movement.



B.Com TRAVEL AND TOURISM

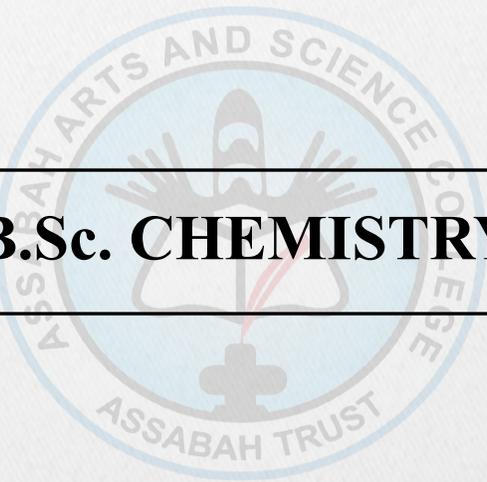
Code	PSO Statement
PSO1	Getting an exposure to fundamental concepts and theories in acquiring skills for different aspects of tourism
PSO2	Promotes students to become professionals in the field of tourism
PSO3	Understand the behavior of Indian and world tourism
PSO4	Improve proficiency in applying various skills and enhance employability





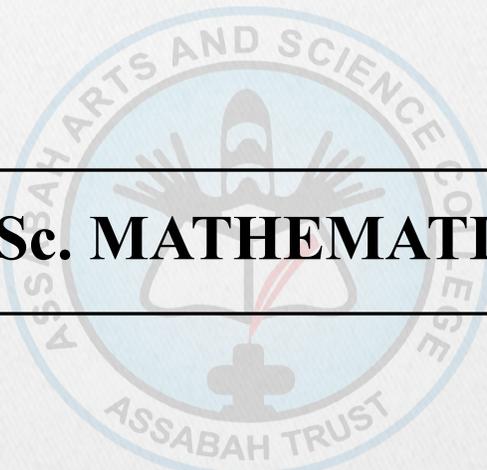
B.Sc. PHYSICS

Code	PSO Statement
PSO1	Understand the basic concepts of fundamentals of mechanics, properties of matter and electrodynamics
PSO2	Understand the theoretical basis of quantum mechanics, relativistic physics, nuclear physics, optics, spectroscopy, solid state physics, astrophysics, statistical physics, photonics and thermodynamics
PSO3	Understand and apply the concepts of electronics in the designing of different analog and digital circuits.
PSO4	Understand the basics of computer programming and numerical analysis
PSO5	Apply and verify theoretical concepts through laboratory experiments



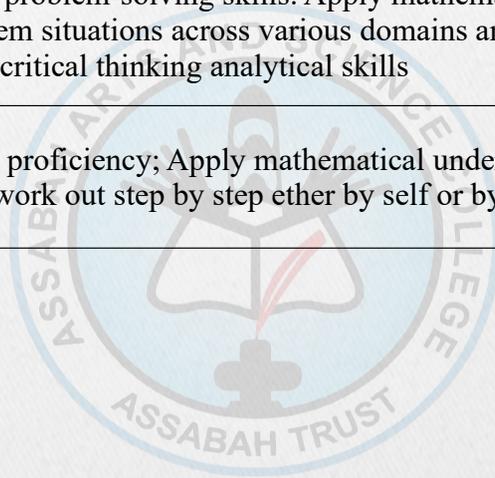
B.Sc. CHEMISTRY

Code	PSO Statement
PSO1	The students pursuing this course would have to develop in depth understanding of various aspects of chemistry.
PSO2	Demonstrate and understanding of the fundamental principles, including scientific reasoning to solve problems, of organic chemistry, inorganic chemistry, analytical chemistry and physical chemistry.
PSO3	To create foundation for research and development in chemistry and to familiarize with current developments in chemistry.
PSO4	To develop analytical abilities for independent thinking.
PSO5	To help the students build up a progressive and successful career in chemistry.



B.Sc. MATHEMATICS

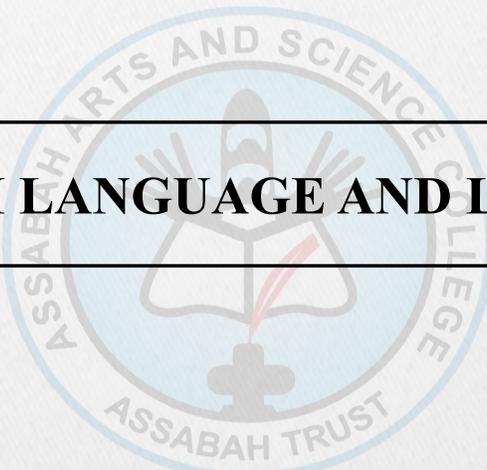
Code	PSO Statement
PSO1	Advanced mathematical knowledge; understand core mathematical abstract concepts/theories and demonstrate a high level of mathematical rigor and logical reasoning
PSO2	Modelling and problem-solving skills. Apply mathematical techniques to solve complex problem situations across various domains and interpret the result, demonstrating critical thinking analytical skills
PSO3	Computational proficiency; Apply mathematical understanding to solve problems and explicitly work out step by step either by self or by software based computational tool



BACHELOR OF BUSINESS ADMINISTRATION



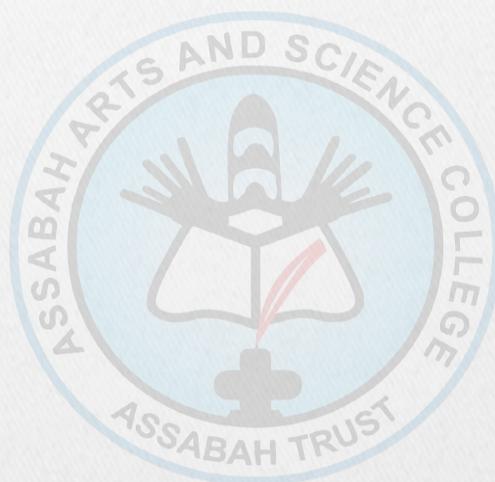
Code	PSO Statement
PSO1	Students will exhibit understanding of board business concepts and principles
PSO2	Students will be able to define analyse and find solutions for different business problems
PSO3	Students will able to apply appropriate quantitative and qualitative techniques in solving business problems
PSO4	Students are able to demonstrate competency in the underlying concepts, theory and tools taught in the core undergraduate curriculam
PSO5	Students will be able to effectively communicate business issues, management concepts, plans and decisions both in oral and written form using appropriate supportive technologies
PSO6	Students will demonstrate technical competence in domestic and global arena of business through the study of major disciplines within the field of business
PSO7	Students will be capable of recognizing and resolving ethical issues
PSO8	Students will demonstrate the ability to create business plans



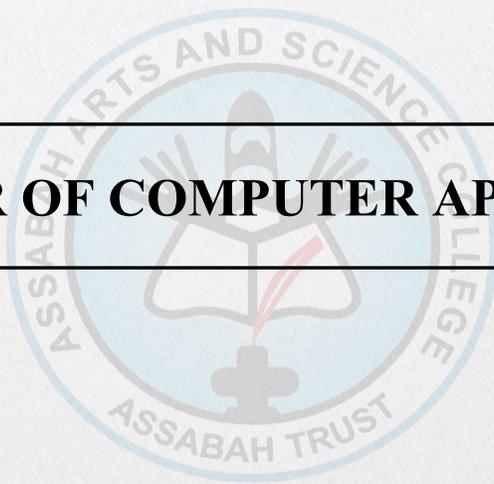
BA ENGLISH LANGUAGE AND LITERATURE

Code	PSO Statement
PSO1	<p data-bbox="302 360 613 394">Academic Competence</p> <ul style="list-style-type: none"> <li data-bbox="302 432 1386 499">▪ Build on their knowledge of literature acquired through their undergraduate studies in English <li data-bbox="302 499 1386 607">▪ Explore in greater depth literary history, works, genres and periods of literature in English and fully understand their literary value and sociocultural relevance in the literary canon. <li data-bbox="302 607 1386 674">▪ Enhance their knowledge of Western literary theory through an acquaintance with more complex texts and their practical applications in the contemporary context. <li data-bbox="302 674 1386 741">▪ Develop an advanced understanding of all the tools that are essential for a systematic study of linguistics and stylistics <li data-bbox="302 741 1386 808">▪ Acquire knowledge of the various theoretical and practical aspects of language and literature teaching <li data-bbox="302 808 1386 875">▪ Understand the different approaches, methods and techniques that could be utilized in the process of teaching. <li data-bbox="302 875 1386 1066">▪ Enhance their knowledge and critical acumen in the aesthetics of non British literature in English through compulsory and optional courses, viz. South-Asian Writing in English, Indian Writing in English, American literature, and upcoming fields such as Translation studies, Cultural Studies, Postcolonial studies, and Women's Writing
PSO2	<p data-bbox="302 1104 829 1137">Personal and Professional Competence</p> <ul style="list-style-type: none"> <li data-bbox="302 1176 1386 1243">▪ Apply knowledge acquired in the classroom to interpret and evaluate texts independently. <li data-bbox="302 1243 1386 1310">▪ Develop their critical thinking further by sharpening their interpretative abilities using different critical approaches. <li data-bbox="302 1310 1386 1384">▪ Apply concepts in linguistics to carry out a stylistic analysis of literary and non-literary texts.
PSO3	<p data-bbox="302 1422 613 1456">Research Competence:</p> <ul style="list-style-type: none"> <li data-bbox="302 1494 1386 1561">▪ Undertake minor research for the courses they are studying in the form of term-papers or projects for internal assessment <li data-bbox="302 1561 1386 1628">▪ Develop a complete understanding of research tools, methodology and ethical research practices <li data-bbox="302 1628 1386 1695">▪ Undertake independent research projects (individual/group) under UGC schemes or others supported by the institution under teacher mentors from the department <li data-bbox="302 1695 1386 1771">▪ Explore opportunities for research consisting of comparative studies of an inter-disciplinary nature

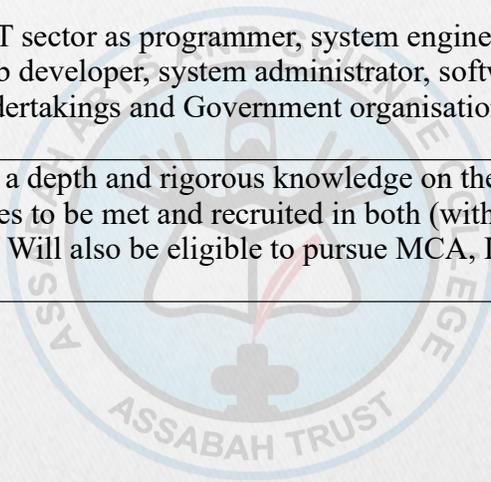
Code	PSO Statement
PSO4	<p>Work-skills/life-skills competence:</p> <ul style="list-style-type: none"> ▪ Develop complete linguistic, literary, critical, and communicative competence needed to work in the field of education, research, the corporate sector, media, journalism, and other related fields. ▪ Integrate the knowledge of human psychology, society and life gained through a study of literature to the domain of real life in order to lead a value-based existence. ▪ iii) Transmit the knowledge to sensitive peers, young people or society at large to become responsible global citizens.

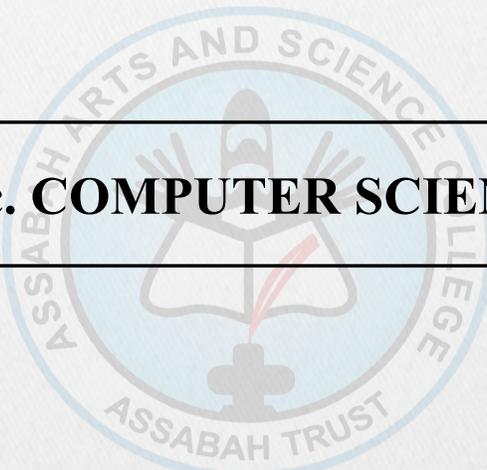


BACHELOR OF COMPUTER APPLICATION



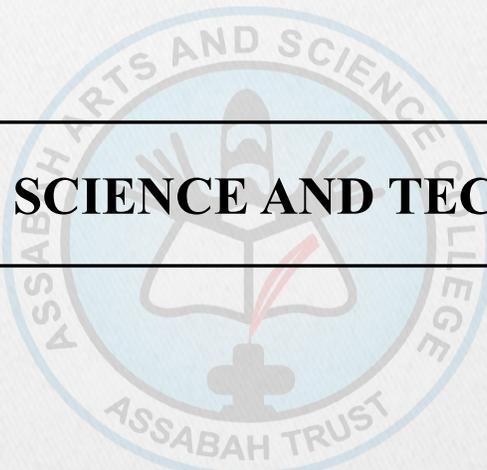
Code	PSO Statement
PSO1	To pursue further studies to get specialisation in Computer Science and Applications, Mathematics, Business Administration
PSO2	To pursue a career in the corporate sector and teaching in Schools and Colleges
PSO3	To Work in the IT sector as programmer, system engineer, software tester, junior programmer, web developer, system administrator, software developer and also in public sector undertakings and Government organisations.
PSO4	Students acquire a depth and rigorous knowledge on the software development process and the milestones to be met and recruited in both (within) the country and in the global software market. Will also be eligible to pursue MCA, DAAD, GRE-TOFEL for MS degree..





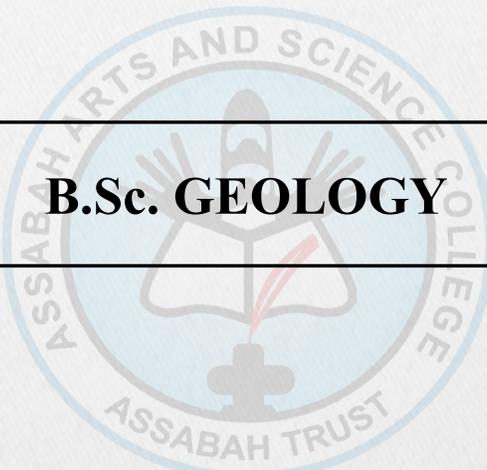
B.Sc. COMPUTER SCIENCE

Code	PSO Statement
PSO1	Students will demonstrate proficiency in different computing paradigms needed for a proper understanding of computer science.
PSO2	Students will learn the design, and development of software used to solve problems in a variety of business, scientific and social contexts
PSO3	Students will demonstrate knowledge of computer networks, database systems, software engineering, and theory of computing, and be able to apply this knowledge to implement real-life tasks more efficiently.
PSO4	Students will show that they have learned different programming languages to enhance and increase the power of computers and internet
PSO5	Students will be capable of oral and written scientific communication and will prove that they can think critically and work independently.



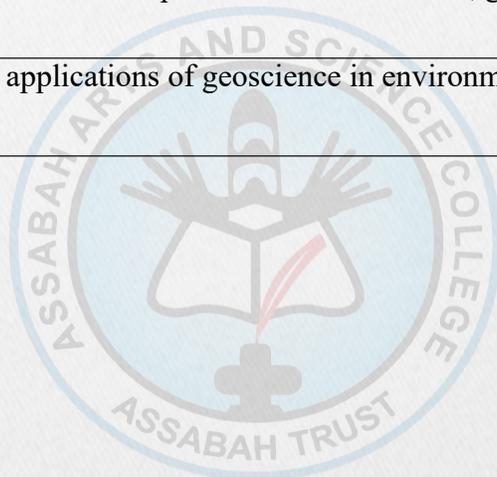
B.Sc. FOOD SCIENCE AND TECHNOLOGY

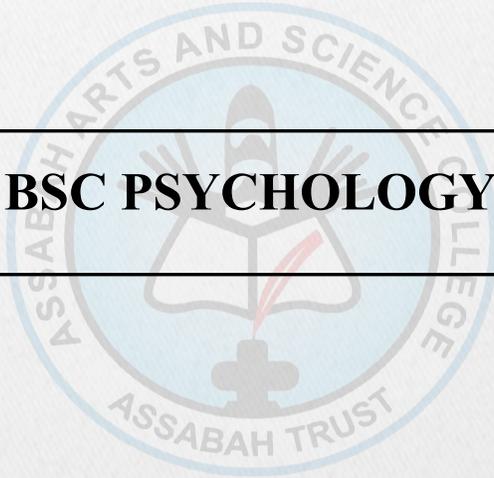
Code	PSO Statement
PSO1	The ability to understand physico- chemical, microbiological, sensory and nutritional aspects of foods
PSO2	Develop the skills to analyze preservation, processing, packaging and storage of foods.
PSO3	Evaluate the technologies and processes for producing value added food products
PSO4	The ability to apply and evaluate standard practices, Laws and regulation in food production
PSO5	Develop understanding of the fundamental concepts of BSc Food Technology needed for a deeper study of related fields of knowledge viz. Food Chemistry, Food Microbiology and Food Engineering etc
PSO6	Develop the experimental and analytical skills in BSc Food Technology that can be of useful applications in allied areas of knowledge



B.Sc. GEOLOGY

Code	PSO Statement
PSO1	Understand the nature and basic concepts of Physical geology, Geomorphology, and Historical Geology.
PSO2	Understand the physical, chemical and optical characteristics of rocks and minerals, their economic aspects and distribution.
PSO3	Understand the structural aspects of rock formations, global tectonics and earth dynamics.
PSO4	Understand the applications of geoscience in environmental planning and management.





BSC PSYCHOLOGY

Code	PSO Statement
PSO1	Demonstrate comprehensive understanding and proficient application of major theories and concepts in Psychology, including the ability to design and conduct laboratory experiments, as well as administer psychological assessments.
PSO2	Exhibit interpersonal and communication skills essential for effective engagement in various professional settings within the field of Psychology, while fostering personal and professional growth.
PSO3	Engage critically in the construction of knowledge within the field of Psychology, demonstrating a strong scientific temperament, and utilizing digital and technological tools for research, analysis, and presentation.
PSO4	Enhance standards of ethical conduct and human values integral to the practice of Psychology, continuously advancing knowledge through a commitment to lifelong learning and active participation in research.
PSO5	Apply advanced psychological principles to address challenges within the field, actively contributing to the betterment of communities, and demonstrating a strong sense of social and environmental responsibility in all professional endeavors