

**Department of Computer Applications
B.Com (C.A)**

Programme Specific Outcomes (PSO's)

- **PSO1.** Demonstrate basic knowledge of computer applications and apply standard practices in software project development.
- **PSO2.** Understand, analyze and Develop computer programs for efficient design of computer-based systems of varying complexity.
- **PSO3. Engineering Knowledge:**
Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PSO4. Problem Analysis:**
Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PSO5. Design/Development of Solutions:**
Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PSO6. Conduct Investigations of Complex Problems:**
Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PSO7. Modern Tool Usage:**
Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

- **PSO8. The Engineer and Society:**

Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PSO9. Environment and Sustainability:**

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PSO 10.Ethics:**

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PSO 11. Individual and Team Work:**

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PSO 12. Communication:**

Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PSO 13. Project Management and Finance:**

Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PSO 14. Life-long Learning:**

Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Commerce

B.Com (C.A & Gen)

PROGRAM SPECIFIC OUTCOMES

- PSO-1:** Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a Computerized set of accounting books.
- PSO-2:** Students will demonstrate progressive effective domain development of values, the role of accounting in society and business.
- PSO-3:** Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- PSO-4:** Learners will gain through systematic and subjects skills with in various disciplines of Commerce, business, accounting, economics, finance auditing and marketing.
- PSO-5:** Learners will be able to recognize features and roles of businessman, entrepreneur, manager, consultant, which will help learners to process knowledge and other soft skills and to react apply when confronted with critical decision making.
- PSO-6:** Learners will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA and other courses.
- PSO-7:** Learners will acquire the skills like effective communication, decision making, problem solving in day-to-day business affairs.
- PSO-8:** Learners will involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure
- PSO-9:** Learners can also acquire practical skills to work as tax consultant audit assistant and other financial supporting services.
- PSO-10:** Learners will be able to do higher education and advance research in the field of commerce and finance.

- PSO-11:** Accountancy- Understanding basic concepts of accounting, principles of accountancy and accounting cycle to maintain accounts of trading and non-trading organizations.
- PSO-12:** Getting acquainted with the procedure of preparation of income statements, retained earnings, balance sheet and statement of cash flows which are required for external users and more useful to managers for managerial decision making.
- PSO- 13:** Including different skills for analysis and interpretation of financial data to understand financial health of an organization and ensure that resources are to being used to achieve the organizations objectives. Knowledge in setting up a Computerized set of accounting books.
- PSO-14:** Developing knowledge about Cost ascertainment and fixation of selling price and cost control. Obtaining the knowledge of various provisions of Income Tax Act and their application in computation of taxable income of an individual under different heads of income.
- PSO- 15:** Getting working knowledge of generally accepted auditing-procedure, techniques and skills.
- PSO-16:** Students will learn relevant financial accounting skill, corporate accounting skills, and cost & Management accounting applications.
- PSO- 17:** Learners will gain through systematic and subject skills of business management, Marketing management, Auditing & Economics. Students can also acquire practical skills to work as tax consultant, audit assistant and in other financial supporting services.
- PSO-18:** Learners will be able to do higher degree like M. Com, MBA, CA, CS & ICWA, etc.
- PSO-19:** Students will be able to do their best in Competitive exams in various fields like Banking, insurance and SSC exams.

Department of Mathematics

B. Sc., (MSCs)

PROGRAMME OUTCOMES

PO1: Knowledge: Understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.

PO2: Problem analysis: Analyze the given scientific data critically and systematically and the ability to draw the objective conclusions.

PO3: Programming skills: Serve as the Programmers or the knowledge of practical and theoretical concepts for developing software.

PO4: Communication skills: Develop various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.

PO5: Instrumentation: Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO6: Environment and sustainability: Develop flair by participating in various social and culture activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.,

Programme Specific Outcomes

- Understand the fundamental axioms in mathematics and capability of developing ideas based on them.
- Inculcate mathematical reasoning.
- Prepare and motivate students for post graduate's studies in mathematics.
- Provide knowledge of a wide range of mathematical techniques and application of mathematical methods/tools in other scientific and engineering domains.
- Provide advanced knowledge on topics in pure mathematics, empowering the students to pursue higher degrees at reputed academic institutions.
- Good understanding of differential equations, group theory, real analysis, linear algebra, Laplace transform which can be used in various fields.
- Problem solving skills, thinking, creativity through assignments, project work.
- Assist students in preparing (personal guidance, books) for competitive exams e.g., NET, GATE, etc.

Bachelor of Arts

B.A (HISTORY ECONOMICS POLITICAL SCIENCE)

Programme Out Comes:

The students are able to:

PSO-1: Develop and straighter national integrity and develop the habit of cultivation and preservation of national and international heritage.

PSO-2: Create citizens having impartial vision towards life, using past to shape present and develop reasonable ability.

PSO-3: Explain Political Science methodically so as to understand on national and International political matters.

PSO-4: Talk on the issues like 'Human Rights', 'Functioning of Civil Rights', 'Equal Opportunity' and 'Freedom of Thoughts' etc.

PSO-5: Comprehensive study of Economic Thoughts, Economic Policies in India, and the Concept of Welfare State.

PSO-6: Explain various Micro Economic Policies in India and Analyze Indian Economy and determine different Economic circumstances like inflation, unemployment and poverty etc.

PSO-7: Define the concept of National Income and the co-operation movement in India. Effect of 'Globalization' and 'Free Marketing' on International Economic Policies.

PSO-8: Students will develop a scientific approach towards varied branches of economics like modern banking, economic development and planning, micro economics etc.

PSO-9: Understand the various concepts and indicators relating to economic growth and development including recent developments

PSO-10: Students will be able to effectively communicate and debate economic ideas and policies.

PSO-11: Discuss the issues of 'International Economic Relations', 'Functioning of Monetary Funds', 'Distribution of National Income' and 'Liberty of Business' etc. thoroughly to create an Economical awareness.

PSO-12: will be able to prove proficiency with the ability to engage in higher studies.

PSO-13: Acquire the skills like effective communication, decision making, problem solving in day to day life.

PSO-14: Involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.