Program Outcomes

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Program Specific Outcomes

Government College, Naraingarh (Ambala)

A program outcome represents the knowledge, skills, and attitudes of the students at the end of a degree program, and Course outcomes, on the other hand, represent the specific knowledge and skills acquired by students at the conclusion of a particular course, delineating the cognitive processes facilitated by the course.

The Internal Quality Assurance Cell (IQAC) collaborates with relevant departments to formulate program outcomes and course outcomes, aligning them with the university-prescribed syllabus, as well as the core values and objectives of the college. At the beginning of the session, the teachers orient the students on the program outcomes and course outcomes of all courses. The Programme outcomes and course outcomes are communicated to the students in respective classes and are made available on the college website for ready reference.

Program Outcome of Bachelor of ARTS (B.A.)

Students who choose to pursue a BA Degree have a wide range of subjects to choose from: History, Political Science, Geography, Economics, Music, Maths, Sanskrit, and Punjabi to name a few along with Computer, English, and Environment Science as compulsory subjects. They understand how integrative, multidisciplinary, and experimental approaches to study the ways humans, animals, and machines process information.

The BA program has changed its approach, moving beyond just academics to prioritize employability. Now, each subject includes Skill Enhancement Courses like Compulsory Computer Education and a Professional English Language Lab. These courses are meant to boost the overall value of what students learn, making their skills more marketable. This shift prepares students for a rewarding and successful professional future.

PO1: Embracing human values, culture, and a commitment to social service.

PO2: Mastering effective communication skills, including reading, writing, listening, and speaking another language fluently while appreciating its cultural significance.

PO3: Cultivating independence in learning, employing theories and methodologies with intellectual honesty, and recognizing the importance of ethical and human values.

PO4: Developing critical and analytical skills to identify and resolve problems in complex, evolving social, linguistic, and literary contexts.

PO5: Gaining expertise in respective fields, fostering self-esteem, self-reliance, self-reflection, and creativity to navigate challenges in both professional and personal life.

PO 6: To create job opportunities is the main task that is why the main focus on to develop the soft skill of 3R - reading, writing and reasoning.

PO7: Fostering a sense of responsibility as a citizen, upholding human values.

PO 8: To enable the students to acquire the knowledge with various human values and theories like political socialization, modernization, development, political cultural, values, ethos and principles and framing the base to deal with various problems in life with courage.

Program Outcome of Bachelor of Commerce (B.Com.)

The Department offers a Bachelor of Commerce degree, one of the most demanded courses of the contemporary academic world. The curriculum is taught by a distinguished faculty combining academic excellence and real world experience with dedication and commitment.

PO1: After completing the course, students would gain a thorough grounding in the fundamentals of Commerce and Finance.

PO2: Develops commercial sense and built-up conceptual foundation and application skills in the areas of accountancy, finance, management, research and higher education.

PO3: Build life skills and entrepreneurial skill through value-based education and service-oriented programs.

PO4: Skill in hands for budgeting policy and Human Resources Management.

PO5: Equipped with financial and management accounting techniques covering the technical areas that required accountants.

PO6: Students exercise Professional skills, values, team spirit, and high leadership and to accept the challenges in the Industry and Academics.

Program Outcome of Bachelor of Science (B.Sc.)

The Bachelor of Science (B.Sc.) program provides both theoretical and practical knowledge across diverse subject areas, including Physics, Chemistry, Mathematics, and Computer Science. This curriculum proves particularly advantageous for students displaying a profound interest in the sciences and aspiring to pursue a versatile and interdisciplinary career in the field.

PO1: Comprehensive Knowledge Base: Graduates of the B.Sc. program will possess a comprehensive understanding of theoretical principles and practical applications in Physics, Chemistry, Mathematics, and Computer Science.

PO2: Interdisciplinary Proficiency: Students will demonstrate proficiency in navigating interdisciplinary connections between various scientific disciplines, reflecting a capacity to integrate knowledge across diverse subject areas.

PO3: Critical Thinking and Problem Solving: Graduates will develop critical thinking and analytical skills, enabling them to identify and address complex problems within the realms of Physics, Chemistry, Mathematics, and Computer Science.

PO4: Application of Theoretical Concepts: The program will equip students with the ability to apply theoretical concepts to practical situations, fostering a hands-on approach to problem-solving in scientific contexts.

PO5: Versatile Scientific Career Readiness: B.Sc. graduates will be well-prepared for a versatile and interdisciplinary career in the sciences, showcasing adaptability and competence in a range of scientific domains.

PO6: Interest and Passion in Scientific Inquiry: Successful completion of the program will instill a profound interest and passion for scientific inquiry, motivating students to pursue advanced studies or contribute meaningfully to scientific advancements in their chosen fields.

Program Outcome of Bachelor of Computer Applications (BCA)

The Bachelor of Computer Applications (BCA) program is designed to provide students with both theoretical insights and practical skills in computer science. Ideal for those with a keen interest in technology, this three-year course aims to prepare students for dynamic roles in the ever-evolving field of information technology.

PO1: Foundational Computer Knowledge: BCA graduates will acquire a solid foundation in computer science, encompassing essential theoretical principles and practical applications.

PO2: Interdisciplinary Competence: The program will cultivate interdisciplinary competence, allowing students to seamlessly integrate computer science knowledge across diverse domains.

PO3: Analytical Thinking and Problem-Solving: Graduates will develop strong analytical thinking skills, enabling them to identify and solve complex problems in the realm of computer science.

PO4: Practical Application of Computing Concepts: BCA will equip students with the ability to apply theoretical computing concepts to practical scenarios, fostering a hands-on approach to problem-solving in the field.

PO5: Adaptability in Technology Careers: BCA graduates will be well-prepared for versatile and dynamic careers in information technology, showcasing adaptability and competence in various computing domains.

Program Outcome of Master of Commerce (M.Com.)

The M.Com program is a postgraduate course designed to provide students with advanced knowledge and skills in the field of commerce, finance, and business management. Geared towards individuals with a strong interest in commerce and economics, this program equips students for leadership roles in various business sectors.

PO1: Advanced Understanding of Commerce Principles: Impart the students with higher level knowledge and understanding of contemporary trends in commerce and business finance.

PO2: Strategic Financial Management: Students will develop proficiency in strategic financial management, including financial planning, analysis, and decision-making, preparing them for roles in financial leadership.

PO3: Analytical and Decision-Making Skills: M.Com graduates will acquire advanced analytical and decision-making skills, enabling them to critically assess complex business scenarios and propose effective solutions.

PO4: Specialized Knowledge in Commerce Domains: The program will provide specialized knowledge in specific commerce domains, allowing students to deepen their expertise in areas such as accounting, taxation, or international business.

PO5: Effective Communication and Leadership: Train the students on teamwork, lifelong learning, and continuous professional development.

M.Sc. Geography Program Outcomes (POs)

PO1: Advanced Geographic Knowledge: Graduates will have a deep and advanced understanding of geographic principles, theories, and methodologies..

PO2: Specialized Knowledge: Gain specialized knowledge in one or more sub-disciplines of geography such as physical geography, human geography, environmental geography, GIS (Geographic Information Systems), remote sensing, or urban geography.

PO3: Spatial Analysis and GIS Skills: Acquire proficiency in using Geographic Information Systems (GIS) and spatial analysis tools to analyze and interpret spatial data.

PO4: Environmental Sustainability: Understand and evaluate environmental issues, including sustainability challenges, and propose solutions based on geographic knowledge.

PO5: Professionalism and Ethical Considerations: Emphasize professionalism and ethical considerations in conducting geographic research, respecting the rights and well-being of individuals and communities involved in studies.

PO6: Collaboration and Teamwork: Work effectively in collaborative settings, both within the academic community and in interdisciplinary projects involving professionals from diverse fields.

M.A. (English) Program Outcomes (POs)

PO1: Advanced Literary Analysis: Graduates will demonstrate a sophisticated understanding of literary theories, genres, and historical periods, allowing them to critically analyze and interpret a wide range of literary texts**.**

PO2: Effective Communication Skills: Develop strong written and oral communication skills, enabling graduates to express complex ideas, arguments, and analyses with clarity and precision in academic and professional settings.

PO3: Research Proficiency: Acquire advanced research skills, including the ability to formulate research questions, conduct in-depth literary research, and contribute original insights to the scholarly discourse in the field of English literature.

PO4: Cultural and Global Awareness: Foster an understanding of the cultural, historical, and global contexts that shape literature, encouraging graduates to appreciate and engage with diverse literary traditions.

PO5: Professional Writing and Editing: students acquire skills relevant to careers in publishing, editing, or technical writing.

M.A. (History) Program Outcomes (POs)

PO1: Advanced Historical Analysis: Graduates will demonstrate a sophisticated understanding of historical theories, methodologies, and diverse historical periods, enabling them to critically analyze and interpret a wide range of historical sources and events**.**

PO2: Effective Communication Skills: Develop strong written and oral communication skills, enabling graduates to articulate complex historical ideas, arguments, and analyses with clarity and precision in academic and professional context.

PO3: Research Proficiency: Acquire advanced research skills, including formulating research questions, conducting in-depth historical research, and contributing original insights to the scholarly discourse in the field of history.

PO4: Cultural and Global Awareness: Foster an understanding of the cultural, historical, and global contexts that shape historical events and developments, encouraging graduates to appreciate and engage with diverse historical traditions.

PO5: Professional Writing and Editing: Equip students with skills relevant to careers in historical research, archival work, and documentation, ensuring proficiency in presenting historical information accurately and effectively.

Program Specific Outcomes

Political Science

PSO1: Holistic Awareness: Develop a heightened awareness of ideological traditions, encompassing historical, social, economic, and political thinking.

PSO2: Comprehensive Understanding: Understand the nature and development of Political Science, analyzing factors influencing political events and assessing their impact on states, society, and people.

PSO3: Demonstrated Proficiency: Demonstrate understanding of fundamental political processes, institutions, actors, behavior, and ideas, along with familiarity with major theories, methods, and concepts of Political Science.

PSO4: Critical Problem-Solving: Encourage critical thinking for effective problem-solving in addressing diverse societal issues.

PSO5: Interdisciplinary Competence: Acquire interdisciplinary knowledge in social sciences, literature, and humanities, fostering sensitivity and responsible citizenship.

PSO6: Graduate Empowerment: Empower graduates for success in competitive examinations and the pursuit of postgraduate programs.

PSO7:Conflict Management Expertise: Develop expertise in conflict management and resolution, applying political theories to address both domestic and international challenges.

PSO8: Community Engagement: Cultivate a sense of common good, shared experiences, and common interests within political structures, promoting civic responsibility.

PSO9: Values-Driven Learning: Enable students to acquire knowledge infused with human values, laying a foundation for addressing life's challenges with both humanity and courage.

PSO10: Educational Empowerment: Educate students on parliamentary procedures and the constitutional position of the country, emphasizing the societal role of politics as a form of social service.

PSO11: Responsibility Cultivation: Foster a sense of responsibility, preparing students to be conscientious and responsible citizens.

English

PSO 1: Literary Creativity Appreciation: Help students understand the creative resources of language in poetry, drama, fiction, and prose, expressing diverse human experiences..

PSO 2: Cultural and Historical Analysis: Apply critical and analytical frameworks to analyze the cultural and historical background of English texts

PSO 3: Diverse Textual Genres: Familiarize students with a variety of textual genres, including fiction, non-fiction, poetry, and short stories.

PSO 4: Received Pronunciation Basics: Enable students to have a solid grounding in the basics of Received Pronunciation.

PSO 5: Readerly Skill Enhancement: Instill readerly skill enhancement in poetry and prose.

PSO 6: Grammar Consolidation: Help students refresh and consolidate English grammar.

PSO 7: Skills in Reading, Analyzing, and Writing: Familiarize students with skill development in reading, analyzing, and writing about poetry and related terms.

PSO 8: Advanced Learning in Pronunciation and Literature: Provide insight into advanced learning and practice of Received Pronunciation through the Language Resource Centre (LRC), introduce advanced topics in Received Pronunciation through weekly training, and explore the Indian novel tradition in English through texts.

Economics

PSO 1: Comprehensive Economic Understanding: Understand economic terms, methodologies, tools, and various economic analysis procedures.

PSO 2: Application of Economic Theories: Familiarize students with the knowledge and application of Micro and Macro Economic theories for policy formulation at individual and economy levels.

PSO 3: Economic Theories in Contemporary Issues: Apply economic theories and concepts to contemporary economic and social issues, analyzing various economic policies.

PSO 4: Impact of Government Policies: Understand the impact of government policies and assess consequences on different stakeholders and sectors.

PSO 5: Holistic Economic Analysis: Analyze microeconomics, macroeconomics, international trade, and public finance principles to assess the real situation of the economy, including population, income patterns, development rates, and social security measures.

PSO 6: Future Forecasting Through Policy Knowledge: Forecast future changes and development through knowledge of government policies and programs.

PSO 7: Career and Higher Education Awareness: Develop awareness of career choices and options for higher studies in economics.

History

PSO1: Historical Knowledge Acquisition: Acquire a comprehensive understanding of historical events, developments, and movements spanning various time periods.

PSO2: Analytical Skills Development: Develop analytical skills to critically evaluate historical sources, narratives, and interpretations.

PSO3: Contextualization of Historical Phenomena: Contextualize historical phenomena within their socio-political, cultural, and economic contexts.

PSO4: Research and Methodological Competence: Cultivate research skills and methodological competence to investigate historical inquiries effectively.

PSO5: Interconnectedness of Global and Local History: Explore the interconnectedness of global and local historical processes, understanding their impact on societies.

PSO6: Historical Narratives and Communication: Effectively communicate historical narratives and arguments through written and oral means.

PSO7: Awareness of Historiographical Debates: Develop an awareness of historiographical debates and different schools of historical thought.

PSO8: Appreciation of Diversity and Change Over Time: Appreciate the diversity of human experiences and understand how societies change over time through historical perspectives.

Geography

PSO1: Spatial Understanding and Analysis: Develop a profound understanding of spatial patterns, relationships, and interactions in geographical contexts for informed analysis.

PSO2: Proficiency in Geographic Information Systems (GIS): Acquire skills in Geographic Information Systems (GIS) for spatial analysis, mapping, and application in diverse fields.

PSO3: Environmental and Human Systems Expertise: Analyze environmental systems and human-environment interactions, gaining expertise in addressing contemporary geographical challenges.

PSO4: Regional and Global Perspectives for Career Relevance: Explore regional and global perspectives on geographical issues, enhancing career relevance by considering cultural, economic, and political dimensions.

PSO5: Research, Fieldwork, and Job Market Preparedness: Develop robust research skills, hands-on fieldwork competence, and align studies with the demands of the job market for a seamless transition to professional roles.

PSO6: Sustainable Development and Job Market Trends: Understand principles of sustainable development, assessing environmental and social impacts, and stay updated on job market trends in geography-related fields.

PSO7: Geospatial Technology and Industry Competitions: Apply geospatial technologies to address real-world problems, participate in industry competitions, and stay competitive in the rapidly evolving geospatial technology sector.

PSO8: Cross-disciplinary Integration for Higher Studies: Integrate geographical knowledge with insights from other disciplines, providing a solid foundation for pursuing higher studies and diverse career paths.

Mathematics

PSO1: Fundamental Mathematical Concepts: Develop a strong foundation in fundamental mathematical concepts, providing a solid base for advanced studies and applications.

PSO2: Advanced Problem-Solving Skills: Hone advanced problem-solving skills through the application of mathematical principles to real-world challenges.

PSO3: Mathematical Modeling Proficiency: Acquire proficiency in mathematical modeling, enabling the translation of real-world problems into mathematical frameworks for analysis.

PSO4: Computational and Analytical Skills: Develop computational and analytical skills crucial for various industries, including technology, finance, and research.

PSO5: Preparation for Higher Studies: Lay the groundwork for higher studies in mathematics or related fields by mastering advanced mathematical theories and methodologies.

PSO6: Career Relevance and Industry Demand: Align studies with the demands of the job market, staying abreast of industry trends and technological advancements in mathematics-related professions.

PSO7: Participation in Mathematics Competitions: Actively participate in mathematics competitions to enhance problem-solving abilities, critical thinking, and competitiveness in the academic and professional arenas.

PSO8: Cross-disciplinary Applications: Explore cross-disciplinary applications of mathematics, recognizing its significance in fields such as computer science, physics, finance, and engineering.

Computer Science

PSO1: Core Computer Science Principle: Develop a strong foundation in core computer science principles, including algorithms, data structures, and programming language.

PSO2: Problem-solving and Algorithmic Thinking: Hone problem-solving skills and cultivate algorithmic thinking to address complex challenges in diverse domain.

PSO3: Software Development Proficienc: Acquire proficiency in software development, including coding, testing, and debugging, to build a robust and scalable application.

PSO4: Data Science and Artificial Intelligence Skills: Develop skills in data science and artificial intelligence, staying abreast of industry trends and advancements in these rapidly evolving field.

PSO5: Career-Ready Skills for the Tech Industry: Align studies with industry demands, gaining practical skills and knowledge to be job-ready in the competitive tech industry.

PSO6: Participation in Coding Competitions and Hackathons: Lay the groundwork for higher studies and research in computer science, exploring specialized areas such as machine learning, cybersecurity, or software engineering.

PSO7: Preparation for Higher Studies and Research: Actively participate in mathematics competitions to enhance problem-solving abilities, critical thinking, and competitiveness in the academic and professional arenas.

PSO8: Interdisciplinary Collaboration and Innovation: Foster interdisciplinary collaboration, recognizing the role of computer science in driving innovation across various fields, from healthcare to finance and beyond.

Chemistry

PSO1: Fundamental Chemistry Knowledge: Establish a strong foundation in fundamental chemistry principles, including atomic structure, chemical reactions, and the periodic table.

PSO2: Analytical and Laboratory Skills: Develop analytical and laboratory skills, gaining hands-on experience in conducting experiments, analyzing data, and interpreting results.

PSO3: Specialization in Sub-disciplines: Explore and specialize in sub-disciplines of chemistry such as organic, inorganic, physical, or analytical chemistry, preparing for advanced studies or industry specialization.

PSO4: Application of Chemistry in Real-world Contexts: Apply chemical principles to real-world contexts, understanding the role of chemistry in addressing environmental, pharmaceutical, and industrial challenges.

PSO5: Industry-Relevant Skills and Safety Protocols: Acquire industry-relevant skills and knowledge, including adherence to safety protocols, ensuring readiness for careers in research, academia, or industry.

PSO6: Participation in Scientific Conferences and Research Forums: Actively participate in scientific conferences, research forums, and collaborate on research projects to enhance networking, exposure, and contribution to the scientific community.

PSO7: Preparation for Higher Studies and Research: Lay the groundwork for higher studies and research in chemistry, delving into advanced topics and methodologies.

PSO8: Interdisciplinary Collaboration and Innovation: Explore interdisciplinary applications of chemistry, recognizing its role in innovations ranging from materials science to medicinal chemistry.

Physics

PSO1: Core Physics Principles: Develop a strong foundation in core physics principles, including mechanics, electromagnetism, thermodynamics, and quantum mechanics.

PSO2: Experimental and Analytical Skills: Cultivate experimental and analytical skills through hands-on laboratory work, data analysis, and interpretation of physical phenomena.

PSO3: Specialization in Sub-disciplines: Explore and specialize in sub-disciplines of physics, such as theoretical physics, and particle physics, laying the groundwork for advanced studies and specialized careers.

PSO4: Application of Physics in Real-world Contexts: Apply physics principles to real-world contexts, understanding the applications of physics in technology, engineering, and scientific research.

PSO5: Computational and Modeling Skills: Acquire computational and modeling skills, essential for simulations and analysis in various physics-related fields.

PSO6: Participation in Scientific Conferences and Research Forums: Actively participate in scientific conferences, and research forums, and collaborate on research projects to enhance networking, exposure, and contribution to the scientific community.

PSO7: Preparation for Higher Studies and Research: Prepare for higher studies and research in physics, delving into advanced topics, methodologies, and cutting-edge advancements.

PSO8: Interdisciplinary Collaboration and Innovation: Foster interdisciplinary collaboration, recognizing the role of physics in technological innovations and its integration with other scientific disciplines.