

**PROGRAMME AND COURSE OUTCOMES OF
PROGRAMMES OFFERED**

BY

GDC BEERWAH

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The college offers Outcome Based Education in Undergraduate Courses which leads to Degrees of Bachelors of Arts, Science, Commerce and BCA. The program outcomes, program specific outcomes and the course outcomes are posted on the college website, college digital notice board, besides they are intimated to the students in the classroom. The teachers get introduced to them in the academic meetings held at the beginning of every session.

The details of course outcomes are as following:

PROGRAM	COURSE	COURSE OUTCOME
BA	Arabic	<ul style="list-style-type: none"> Acquire knowledge of Arabic literature, understand its social and cultural contexts. To make students global citizens gifted with the world Classical Language, Arabic and communicate excellently with a good degree of grammatical accuracy and flair. To cultivate communicative competency and writing skills required in the technical job market. Work as translators in the Arab speaking world. To develop competence and caliber to serve as efficient teachers in Arabic.
	English	<ul style="list-style-type: none"> On the successful completion of the Program, the students will achieve proficiency in oral and written communication. They will be able to analyze critically and linguistically, the cultural, historical and sociopolitical background of the texts written in English. They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, Journal, films, plays, editorials etc. The syllabus covers literature in translation from India, as well as the works of writers from Australia, Africa, and South America, in addition to British and American literature. The course in English today is up to date and relevant.
	Economics	<ul style="list-style-type: none"> Economics is the branch of social science which deals in how societies, governments, businesses, households and individuals allocate their scarce resources in order to maximize the utilities. The study of economics provides valuable knowledge for making decisions in everyday life. It offers a tool for approach questions about the desirability of a particular financial investment opportunity, whether or not to attend college, the benefits and costs of alternative careers, and the likely impacts of public policies including universal education and a higher minimum wage.
	Education	<p>By the end of the course the learner will have developed:</p> <ul style="list-style-type: none"> <i>Intellectual skills</i> – the linguistic, critical thinking, problem solving, and soft skills in imaginative reasoning. <i>Cognitive strategy</i>– personal strategies to think, organize, learn and behave. Both in convergent and divergent patterns of the scientific method.

		<ul style="list-style-type: none"> • <i>Creativity</i>- by content deliver in the said domain of education, students will judiciously realize all the traits of verbal and nonverbal creativity in skill set confirmation for productive work. • <i>Employability skills</i> – as a new generation of educationists. • <i>Verbal information</i>– an ability to definitively state what he/she has learned from an organized body of knowledge. • <i>Motor skills</i> – physical ability to perform actions, achieve fluidity, smoothness or proper timing through practice. • <i>Content mastery</i>- understanding of different areas of education viz: educational psychology, philosophy, development of education system in India, sociological aspects of education, contemporary trend and challenges in national and international standards, and all educational policies and flagship documents of the union of India. • <i>Interdisciplinary approach</i> – a taste of multidisciplinary framework in education bringing together IT, NSQF, NSDC, market based commercial education and international agencies like IVETA-international vocational education and training association approaches.
	History	<ul style="list-style-type: none"> • While pursuing B.A. course of studies in History it is mandatory that a student develops proper knowledge of the historical events. In this sphere also, the present syllabus appears to be illuminating, as it provides the students with standard and up to date knowledge of historical events, impact, war and history, result. • The students acquire knowledge of the historical events of the Ancient, Medieval, Modern and European history in new aspects. • It developed historical perspectives for better analysis of present day socio-political, cultural and economic scenarios and problems. • The current syllabus is well chosen to represent different events from different angles. They are not only meant to make the students familiar with the dominant events of different ages, but also to open out new perspectives. • The student acquires knowledge of the changing nature of politics or kingdoms of the changing times.
	Kashmiri	<ul style="list-style-type: none"> • Students acquire knowledge of Kashmiri literature, understand its social and cultural contexts. • It makes students citizens, gifted with the language and communicate excellently with a good degree of grammatical accuracy and flair. • It cultivates communicative competency and writing skills required in the technical job market. • Degree holding students work as translators in the Kashmiri speaking world. Develop competence and caliber to serve as efficient teachers in Kashmiri.
	Political Science	<ul style="list-style-type: none"> • This Program helps students to identify the nature of government processes, functions of political system and structure and the role of institutions and their constitutional frameworks. • The program enhances students’ ability to think critically, to write with clarity, to communicate effectively and increases their ability to make sound judgments through analytical reasoning.

		<ul style="list-style-type: none"> • Opportunities such as Model United Nations, internships, mock trial and international security simulations and preparing graduates for career success are a part of the course curriculum.
	Persian	<ul style="list-style-type: none"> • This course introduces students to the Persian language while, developing proficiency in reading, writing, comprehending and speaking modern Persian, through communicative methods. • Students acquire an understanding of grammar that is well integrated into their language usage. • Dialogs and reading texts are geared toward facilitating practical mastery of basic skills. • It enables students to know the alphabets of the language and structure formation of word and sentences. • It enables students to know the grammar of the language and its uses. • It enables students to know the simple word translation, process its technique. • It enables students to know the life and poetry of the authors • At the end of the course, student will be able to describe basic concept of language.
	Social Work	<ul style="list-style-type: none"> • The course develops a comprehensive understanding of contemporary social problems faced by global, India and J&K communities. • The course allows a critical analysis of the social issues keeping into account the group differences across socio-economic background, caste, and gender, including the issues associated with intersectionality. • The course develops a strong foundation of professional social work at the under-graduate level – emphasizing on social work principles, values, ethics, skills and techniques across various social work methods. • The course exposes students to the day to day realities of community by giving hands-on-experience through Community Lab – Field Visits. Students come with solutions for community problems through participatory community-based approaches. • The course develops knowledge and skills on managing disasters. • The course acquaints students with public policy framework, while focusing on different policies initiated by the government of India for various marginalized sections of society.
	Urdu	<p>By the end of the program, the students will be able to:</p> <ul style="list-style-type: none"> • Read, write, understand and enjoy Urdu poems. • Understand and appropriately use Urdu grammar. • Understand the origin, expansion and development of Urdu language. • Have a basic knowledge of Urdu translation, different poetic and prose genres, and writing professional letters/applications. • Understand the different views about Urdu language, dialects, and history. • Gain knowledge about the famous Urdu authors and poets and their contribution to the Urdu language and literature. • Know about Urdu short story writers, novelists, essayists, dramatists, modern and classical poets and their poetry.

		<ul style="list-style-type: none"> • Develop a critical and creative thinking about subject matters and usage of Urdu language. •
B.Sc	Water Management	<ul style="list-style-type: none"> • Promote conditions for environmentally sustainable economically efficient and equitable allocation of water resources. • Dissemination of knowledge and skill to students on different aspects of water life, water quality, water quantity, water usage and conservation of water. • To explore the concept of future water economics and their impacts on the country. • To equip and train the students with analysis and measurement of water quality so that they can be able to promote the concept of startup with reference to water resources management. • To reaffirm and promote all people's right to safe drinking water. With a focus on developing partnerships with rural communities throughout J&K and around the country, we intend to effect change at the rural, urban and municipal levels as well as within civil society and industries involved in the protection and production of public water supplies.
	Zoology	<ul style="list-style-type: none"> • Zoology is one of the key subjects in the life science division for students to choose as a career option. • Candidate who are willing to accept the challenges and explore biodiversity, understand animal behavior their various physiological processes and life cycles can seek jobs as zoologists in a number of governmental departments and NGOs. • One of the fascinating about the subject is that students get to learn about your own body functioning, anatomy and biochemical changes. The knowledge of these aspects is as important as anything else in the contemporary world dealing with an array of diseases and pandemics. • Related to the career options, the students with the subject can aspire for high profile jobs ranging from conservationist, zoo curators, forensic experts, fisheries scientists to marine biologists.
	Botany	<ul style="list-style-type: none"> • Curriculum is so designed to provide the students a comprehensive understanding about the nature and develop a taste of research aptitude. • The subject specific objective is to develop love for nature, role of other biological species for human beings. Understanding the scope of nature for the support and survival of all living beings. Exploration of microbiological world under and above the ground and other ecosystems. To inculcate the importance of all types of ecosystems for balancing the nature. • Students learn to carry out practical work, in the field and in the laboratory. They gain introductory experience in applying the skills and gain greater proficiency in a selection of them based on the choice of the optional module. • Students learn to identify the taxonomic position of plants, formulate the research literature and analyze the non-reported plants with substantiated conclusions using first principles and methods of nomenclature and classification in Botany.

	Biotechnology	<ul style="list-style-type: none"> • The syllabus is designed to cater to the needs of students studying Biotechnology. The course is regarded as a buffet table with something for everyone. It is ultimately upon the student to do appropriate self-service and enjoy the menu. • Biotechnology is a good major course to choose, as it equips students with transferable skills and its implications in health, medical, diagnostic, environment, industry etc. • On completion of the course students are able to have knowledge on biomolecules, their importance, classification and properties. • It enables students to describe the biophysical techniques for the isolation, identification and quantification of biomolecules. • It enables students to understand biostatistical analysis of the biological experiments. To learn the methodologies of biostatistics and its application in selection of the biological samples.
	Chemistry	<ul style="list-style-type: none"> • B.Sc. Chemistry curriculum is so designed to provide the students a comprehensive understanding about the fundamentals of chemistry covering all the principles and perspectives. • The syllabi of the B.Sc. Chemistry course are discretely classified to give stepwise advancement of the subject knowledge right through the three years of the term. • Through practical work the students will understand the existence of matter in the universe as solids, liquids, and gases. • Students will learn to estimate inorganic salt mixtures and organic compounds both qualitatively and quantitatively using the classical methods of analysis in practical classes. • They will grasp the mechanisms of different types of reactions both organic and inorganic and will try to predict the products of unknown reactions and will learn to synthesize the chemical compounds by maneuvering the addition of reagents under optimum reaction conditions.
	Physics	<ul style="list-style-type: none"> • After the completion of the Program (BSc. Physics), a student is expected to know the main ideas/concepts/laws pertaining to classical mechanics, electricity and magnetism, thermodynamics, statistical physics, wave-motion, optics, quantum mechanics, solid- state physics, and semiconductor electronics. • The student is expected to understand news/articles related to physics. • The student is expected to guide the students up to higher secondary level at least. The students who have been sincere enough during their course can even go for research in the subject.
	Math	<ul style="list-style-type: none"> • Mathematics has dominated almost all other sciences like computer and bioinformatics which has foundations based on number theory that has been extensively studied by Late Ramnujan. Applied Mathematics helps us to solve some challenging problems in finance, traffic, disease control by developing mathematical models. • Mathematics graduates will be able to apply critical thinking skills to solve problems that can be modeled mathematically, to critically interpret numerical and graphical data, to read and construct mathematical arguments and proofs, to use computer technology appropriately to solve

		problems, to promote understanding, to apply mathematical knowledge to a career related to mathematical sciences or in post -baccalaureate studies.
	Environment Science	<p>The Environmental Studies prepares students for careers as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective.</p> <ul style="list-style-type: none"> • Master core concepts and methods from ecological and physical sciences and their application in environmental problem solving. • Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems. • Apply systems concepts and methodologies to analyze and understand interactions between social and environmental processes. • Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
B. COM	Commerce	<p>The B. Com (Hons.) Program is intended to:</p> <ul style="list-style-type: none"> • To enable the students to acquire inclusive knowledge of the areas related to finance, human resource management, marketing, international business, economics, corporate and business laws, accounting and taxation etc. • To instill in the students the knowledge and capability of understanding the business world and its complexities. • To develop the ability and competence of students to have a problem-solving approach towards the issues which accompany the dynamism attached to the business world. • To inculcate attitudes and character that will help students evolve into sensitive and technically sound future business leaders rather than managers and aims at enhancing employability options of the students. • To enable the students to think of a given problem or situation from different perspectives like economic, financial, social, national, global etc. and broadens the horizon of their thought processes. It not only helps the students add dimensions to its decision making but also in reaching to inclusive conclusions • To inculcate in the young minds the qualities of teamwork, cooperation and solidarity which can be seen as a vision of the current business world though full of competition. • To instill learnability among student for up-skilling and reskilling throughout life. • To enable the students to be technologically updated as it has courses like E-commerce, computerized accounting system, computer applications etc. which not only make them work using software but also makes them independent enough in this world of digitization.
BCA	Computer Applications	<p>BCA Program has been designed to prepare undergraduates for attaining the following program outcomes:</p> <ul style="list-style-type: none"> • An ability to analyze complex problems reaching substantiated conclusions using first principles of mathematics and sciences so as to formulate and develop computer applications

		<ul style="list-style-type: none">• An ability to select modern computing tools and techniques for designing a computing environment to meet anticipated needs within realistic constraints such as safety, security and applicability.• An ability to communicate effectively both orally and in writing.• Ability to understand, analyze and develop computer programs in the areas related to web design, desktop applications, mobile applications and networking for efficient design of computer-based systems of varying complexity.• An ability to function professionally with ethical responsibility as an individual as well as in multidisciplinary teams with positive attitude and skilled leadership.• An ability to appreciate the importance of time-based goal setting and to recognize the need for life-long and interdisciplinary learning ability to apply standard Software Engineering and Software Project Management practices and strategies in software project development using different programming environment to deliver a quality product for business success.
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