

Govt. Brijindra College, Faridkot.

Session 2022-2023

Programme outcomes, Programme specific outcomes and course outcomes for all Programme offered by the institution are stated and displayed on website and communicated to teachers and students.

VISION:-

To empower the students with light of knowledge.

Knowledge that is free from boundaries.

Knowledge that provides the impetus to think and question.

Knowledge that makes one worldly wise.

Knowledge that lays the foundation of strong character.

To make its students capable enough to play their part in making brand "India" a force to reckon with.

MISSION:-

To reach out less privileged, rural and backward students and provide them opportunities to higher education.

To shape up students as socially and morally responsible citizens of India. The institution considers it as its utmost responsibility to transform students as independent decision makers who are not influenced by dictums of caste, creed, gender, religion etc.

To sharpen managerial skills and develop qualities such as Time Management and Team Work in students.

To devise innovative teaching techniques from time to time to make learning synonymous with fun.

To supplement the learning with relevant practical knowledge, thereby providing the students a solid ground in technical expertise.

To bring about a holistic Development of students and encourage them to actively participate in sports, cultural and other co-curricular activities along with studies.

To make the students self-sufficient and versatile enough to survive the impending challenges.

The college has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

The importance of the learning outcomes has been communicated to the teachers in every IQAC meeting and College Committee meeting. Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students. The students are also made aware of the same through Tutorial meetings

The Institution is having following Under Graduate Courses: -

B.A

B. com

BCA (Self Finance)

B.Sc. Agriculture

B.Sc. (Medical & Non- Medical)

The institution is having following Post Graduate Courses: -

M.A. English (Self Finance)

M.A. Punjabi

M.A. Economics

M.Sc. Chemistry (Self Finance)

Bachelor of Arts (B.A.)

Programme Outcomes

Developing intellectual, personal and professional abilities through effective communicative skills; ensuring high standard of behavioral attitude through literary subjects and shaping the students socially responsible citizens. On successful completion of the programme, the students are introduced to communicative skills, to define, classify and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life. On successful completion of the programme, the students are introduced to communicative skills, to define, classify and understand the methods of communication, to enable them to practice those skills in their daily life.

To obtain adequate information on colonization and post- war consequences through the literary, cultural biographical and historical background of the greatest writings in Commonwealth literature. To create interest towards the cultural and historical background of India. To understand the various historical incidents and to help students for preparing competitive examination. To help the students to identify and evaluate conflicting interpretations. It inspires the students through bravery and courage of our forefather. It inculcates critical thinking, reading, writing and research skills among students. Students can work anywhere in India, as they know Hindi- Our National Language. In many other countries also, Hindi is used as an Official Language as well as second Language. So, they can easily be employed in those countries also. As they are practicing translation from Hindi to English and English to Hindi, they can become translators in many Central Government Offices. They are learning poetry and grammar- so they can become creative writers or poets or authors By reading and observing Drama's and one act plays they can become good actors. By having good communication skills and command over language one can becomes

good speaker. Having good command over particular language one can present himself in better way. It will also develop the reading and writing skills of students. It inculcates communication skills as well as ethical and moral values among students. It understands inspires political philosophy, ideologies and the nature of Indian Constitution. Comparative study of international politics and role of women in politics. It understands the students' different types of Government and their policies. It helps the students to understanding responsibilities and rights of the citizens of a country. It helps the students what is happening in the countries around the world, issues the people are facing or new laws are being implemented. It understands the structure and working of the state, the separation of power, the judicial and legal system, scheme of welfare and social services. It develops the skills including critical thinking, problem solving, reasoning, analysis, interpretations and synthesizing information's and communication literacy, media and internet literacy, data interpretation and analysis and computer programming. It imparts the knowledge about different places on earth and how they relate with each other. It helps the students to identify and appreciate important events and National and International policies; make better and informed decisions regarding the best use of National resources. It helps the students to know about the relationship between human being and the environment and the general process of natural resources. It enables the students to understand how population growth and technological advances affect the environment. It helps the students to gain the understanding of international matters and multicultural concerns, read maps, interpret local and global information and understand international networks for trade.

Programme Specific Outcomes

On successful completion of the programme, the students will be accurate both in oral and written communication as they will be strong in Grammar and its usage. The students can express a thorough command of English and its linguistic structures. The students will be familiar with the textual genres including fiction, non-fiction, poetry, autobiography, biography, journal, plays, editorials etc. The Bachelor of Arts in History is a broad-based programme that has specific goals, including: engaging the mind and imagination of those who study history; introducing students to worlds, times, places and cultures including their own in a way that they have never thought before

Bachelor of Commerce

Programme Outcome

This programme provides well trained professionals for Industries, Insurance Companies, Transport Agencies, Banking sectors, financial companies, warehousing etc. to meet the well-trained manpower requirements. The graduates will get hands on experience in various aspects acquiring skills for Marketing Manager, Selling Manager, over all Administration abilities of the company. It provides students with the knowledge and technical skills in the accounting and financial fields.

Programme Specific Outcome

The students should possess the knowledge, skills and attitudes during the end of the B.com degree course. By virtue of the training, they can become an Manager, Accountant, Management Accountant, Bank Manager, Company Secretary, Professor etc.

Course Outcomes

The student should have a thorough knowledge on the accounting practice prevailing in partnership forms and other allied aspects. On the successful completion of this subject the students acquire the knowledge about the various types of business organizations and office management. To enable the students to learn principles and concepts of Accountancy. The students are enabled with the knowledge in the practical applications of accounting. The students should be well versed in the fundamental concepts of auditing, entrepreneur, knowledge in the finance institution, project report incentives and subsidies. This course aims to provide an in-depth knowledge on the provisions of Income Tax and to familiarize with recent amendments in Income-Tax. To keep the students conversant with the ever-enlarging frontiers of Cost Accounting knowledge. The student should be able to work efficiently in MS-PowerPoint and Tally. This course enables the students with the knowledge about the Capital budgeting, Working capital, cash management and financial management techniques. The student acquires the knowledge in the Management Accounting Techniques in business decision making. To understand the nature of human resources and its significance to the organization

Department of Science (Non- Medical)

Programme Outcome

Physics is a branch of science that studies matter and its motion through space and time, along with related concepts such as energy and force. Physics is one of the fundamental sciences because the other natural science deal with systems that seems to obey the law of Physics. According to Physics, the physical laws of matter, energy and the fundamental forces of nature govern the interactions between particles and physical entities (such as plants, molecules, atoms or the subatomic particles). Physics deals with a wide variety of systems, certain theories are used by all physicists. Each of these theories were experimentally tested numerous times and found to be an adequate approximation of nature. Physics uses mathematics to organize and formulate experimental results and from which new predictions can be made. The results from physics experiments are numerical measurements. Technologies based on mathematics, made computational physics as active area of research. Demonstrate basic manipulative skills in algebra, geometry, trigonometry and beginning calculus. Apply the underlying unifying structures of mathematics and the relationships among them. Demonstrate proficiency in writing proofs. Investigate and apply mathematics problems and solutions in a variety of contexts related to science, technology, business and industry and illustrate these solutions using symbolic, numeric or graphical methods. Students can understand the foundation of Mathematics. They are able to perform basic computation in higher Mathematics. Students are able to develop problem solving skills They are able to communicate Mathematical ideas with

others. They can enhance the quality of analysis and research in different mathematical fields. Operations research can develop the management quality in different industries and factories.

Programme Specific Outcome

The theory of classical mechanics accurately describes the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light. To provide the detail study of atom and the behavior of atom in various states.

Course Outcomes

The students will demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics and Optics. The student will determine the appropriate level of technology for use in experimental design and implementation, analysis of experimental data and numerical and mathematical methods in problem solutions. The students will demonstrate a purposeful knowledge of scientific literature and ethical issues related to physics. The students will effectively communicate their knowledge of physics from basic concepts to specific detailed presentations through a variety of oral, written and computational modalities. To acquire the basic knowledge of mechanics, properties of matter and gravitation. Learn motion of bodies and sound waves. To inspire interest for the knowledge of concepts in physical and geometrical physics.

Bachelor of Science (Medical)

Programme Outcome

To inculcate in students the scientific study of plants which in turn is used in many aspects of human life. Plants being necessary for supporting all life forms on earth, either directly or indirectly. Its study helps in better understanding of our selves at the cellular and genetic level. To understand the nature and basic concepts of Zoology. To understand the analysis of relationship among animals, plants, microbes and environment. It provides insight into how "Life" works and consequently, how we work. The concept of students is cleared in the laboratory of Bio- Science.

Course Outcomes

Students will be able to define and explain major concept in the biological sciences. It will help the student to use biological instruments in proper and correct way. It will enable the students to explain and apply the scientific method including designing and conducting experiments and testing hypotheses. Students will be able to communicate biological knowledge in oral and written form. Students will be able to demonstrate the ability to read, understand and critically review scientific information. Students will be able to demonstrate ethical conduct in scientific activities. Students will be able to recognize the relationship between structure and function at all levels: molecular, cellular and organism.

Program Specific Outcomes

(B.Sc. Agriculture):

A student, who has taken admission in program of B.Sc. Agriculture is expected to achieve following outcomes:

1. Facilitating detailed study of various agriculture forestry, Livestock and other allied branches required to raise the income of farmers. 2. Providing detailed knowledge of agriculture in India and Indian farmers income generating enterprises. 3. Knowledge dissemination regarding various technique of farming and farming system in Punjab. 4. Study of market and marketing of agricultural produce. 5. Detailed knowledge on the subject to improve the farmer's condition in Punjab by their contributions. 6. Detailed knowledge of modern cultivation practices, Soil, fertilizers, livestock's insect pest, economic associated with farming enterprises. 7. An understanding of and appreciation for the importance of the impact of globalization and diversity in modern agriculture organizations. 8. An ability to engage in critical thinking by analysing situations and constructing and selecting viable solutions to solve problems. 9. Ability to recognize and examine the relationships between inputs and outputs in their agricultural field to make effective and profitable decisions. 10. Understanding of all aspects of agriculture combine and are used by scientists, marketers, and producers.

Course Outcomes: 1. Proficiency in scientific concepts. 2. Ability to apply scientific knowledge to analyse scientific phenomenon. 3. Laboratory skills to inculcate experimentation. 4. Use of ICT/software. 5. Critical thinking and independent work. 6. Prepare students for higher education. 7. General competence and analytical skills on advanced level. 8. Use of science in analysing and solving problems arising in day-to-day life. 9. Prepare students as man force for industry and agriculture. 10. Prepare students for entrepreneurs

Program Outcomes (B.C.A.)

The Bachelor of Computer Application (BCA) requires three years of full-time study consisting of six semesters. A degree in Bachelor of Computer Applications puts a good platform for fundamentals of Computer Applications. It is a stepping stone in student's professional career as it syncs the student with need of industry. This course introduces a wide range of topics to students, develop reasoning through unfamiliar problems through critical and analytical thinking and to find a systematic approach in analysing and solving problems through teamwork. The students taking admission to the program of B.C.A. are expected to get equipped with the ability of explaining the basic computer principles and methods, inculcating critical thinking and awareness among the student thereby creating in them an ability to handle the unexpected situations of life in a better way. Program

Specific Outcomes (B.C.A.):

All theoretical concepts are implemented in practical which make a student industry ready. 2. Content of the course prepare a student for self-entrepreneurship. 3. The syllabi of the course is a good platform for higher level course in computer application. 4. The course is designed to support automation and digitization in all walks of life. 5. The course enables the students to keep pace with the fast-changing world. 6. The course opens up vast horizons of contemporary knowledge and techniques.

Course Outcomes: 1. Proficiency in Computer concepts. 2. Ability to apply computer application to analyse various phenomenon. 3. Laboratory skills to inculcate experimentation. 4. Use of ICT/software. 5. Critical thinking and independent work. 6. Prepare students for higher education. 7. General competence and analytical skills on advanced level. 8. Use of computer in analysing and

solving problems arising in day-to-day life. 9. Prepare students as man force for industry. 10. Prepare students for entrepreneurs.

Masters of Chemistry

Programme Outcome

Students will demonstrate an understanding of major concepts in all disciplines of chemistry. Students will employ critical thinking and the scientific method to design, carryout, record and analyse the results of chemical experiments and get an awareness of the impact of chemistry on the environment, society and cultures outside the specific community.

Programme Specific Outcome

The ability to explain chemical nomenclature, structure, reactivity and function in their specific field of chemistry. The design and execution of the experiment should demonstrate an understanding of good laboratory and the proper handling of chemical waste streams and also explain how the applications of Chemistry relates to the real world.

Course Outcomes

Students will gain an understanding of methods of analysis related to chemical analysis goals such as detection of elements. Enable the students to get understand the laws of thermodynamics and the ComputerC Programming. After completing this course, students must have a basic knowledge of textile chemistry for an understanding of the chemical structure and properties of textile fibers and the properties of textile percipients and dyes. To understand the principles of radio activity. To study the magnetic properties of molecules, chemical kinetics and photo chemistry. To enable the students to learn about classification of polymers- methods of preparation of polymers, different types of polymerizations, molecular weight of polymers. Students to learn about electro chemistry.

Masters of Economics

Programme Outcome

A degree in economics provides you with a solid foundation for a carrier in business, government or with the nonprofit organization. In this programme you will study how societies, governments, households and individuals create, use, manage and distribute resources.

Course Outcomes

Understand the behaviour of Indian and world economy. To develop the financial literacy for profitable investment. To make students aware of the issues of inflation, unemployment, poverty, GDP and Balance of payment. It develops the skill to make better decisions in business environment and even in your personal choices. To impart the knowledge of Banking, Marketing and different sections of economy so that students will get job opportunities in different economic, financial, banking, marketing and other sections of economy. Economists are vital in helping, predict and study responses to changes in policy and market changes, which is an important skill in today's changing business environment.

Economists also study and help in developing public policies like health care and educational reforms.

Masters of English

Programme Outcome

Developing intellectual, personal and professional abilities through effective communicative skills; ensuring high standard of behavioral attitude through literary subjects and shaping the students socially responsible citizens. On successful completion of the programme, the students are introduced to communicative skills, to define, classify and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life. On successful completion of the programme, the students are introduced to communicative skills, to define, classify and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life. To gain knowledge on fundamental principles of English grammar including parts of speech, sentence types (simple/compound/complex sentences), subject-verb agreement, pronoun usage, punctuation etc. To learn the literary, societal, cultural and historical background of the greatest English writings penned by Indian Authors To familiarize students with the literary texts of ancient and modern literature written by great writers of English. To obtain adequate information on colonization and post-war consequences through the literary, cultural biographical and historical background of the greatest writings in Commonwealth literature.

Programme Outcomes (Punjabi):

M.A. (Punjabi) requires two years of full-time study consisting of four semesters. It enables the student to comprehend Punjabi language and literature with an advanced level of proficiency. It connects the students to their cultural roots and they get a comprehensive idea of their rich cultural and folk heritage. The intricacies of the language and linguistics are also revealed. The programme initiates the ability of critical thinking and the students get to understand Punjabi language, literature, linguistics and culture in a better way. Programme

Specific Outcome: 1. Examine the relationship of literature with history, society, culture and human behaviour and the evolving cross-cultural concerns. 2. Inculcate skills of contextualizing and interpreting literary works and effectively communicating the same. 3. Develop skills of comprehending socio-psychological changes and portraying them creatively in any literary form. 4. Use research methods and tools for academic research and excellence. 5. Research theoretical concepts and literary theories/approaches with specification. Different school of literary approaches are taught so that our students can learn about international phenomenon of criticism.

Course Outcomes: 1. The students acquire in depth knowledge of Punjabi language and literature. 2. The postgraduates will be acquainted with the philosophical, historical, folk and ideological tradition and thinking of their respective subjects. 3. The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice. 4. The M. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity. 5. The students will be ignited enough through the knowledge of the special PG programme to think and act over for the solution of various issues prevailed in the human life to make this world better than ever. 6. Through the PG programme the students will come know about research in their respective subject. 7. Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.