

Program - B.Sc.

Program Outcomes Bachelor of Science (B.Sc.)

Offers theoretical as well as practical knowledge about different subject areas. These subject areas include physics, Chemistry, Mathematics, Botany and other fields depending on the specialization a student opts. This program course is most beneficial for students who have a strong interest and background in Science and Mathematics. The course is also beneficial for students who wish to pursue multi and interdisciplinary science careers in future. Following are the various program outcomes:

1. This course forms the basis of science and comprises subjects like chemistry, botany, and zoology.
2. It helps to develop a scientific temper and thus can prove to be more beneficial for society as scientific developments can make a nation or society grow at a rapid pace.
3. After the completion of this course, students have the option to go for higher study i.e. B.Sc. and then do some research for the welfare of mankind.
4. After higher studies, students can join as scientists and can even look for professional job-oriented courses.
5. This course also offers opportunities for serving in the Indian Army, Indian Navy, and Indian Air Force as officers.
6. Students after this course have the option to join Indian Civil Services as I AS, IFS etc.
7. Science graduates can go on to serve in industries or may opt to establish their industrial unit.
8. After the completion of the B.Sc. degree, there are various other options available for the science student. Often, in some reputed universities or colleges in India and abroad, the students are recruited directly by big MNCs after they complete the course.
9. Apart from the research jobs, students can also work or get jobs in marketing Business and other technical fields. Science graduates are also recruited in the bank sector to work as customer service executives. Students can also find employment in government sectors.

Chemistry

Course Outcome

The chemistry course curriculum for undergraduates includes the main areas of chemistry: organic, inorganic, physical and fuel chemistry.

The purpose of the program is to provide the key knowledge base and laboratory resources to prepare students for careers as professionals in the field of chemistry.

The Department of Chemistry works towards the development of a firm foundation in the fundamentals and application of current chemical and scientific theories.

The students are taught how to design and carry out scientific experiments as well as accurately record and analyse the results of such experiments.

The course is so designed that the students understand the central role of chemistry in our society and become potent enough to explore new areas of research both in chemistry and in allied fields of research and technology.

Zoology

Course outcomes

At the end of the course, the students will be able to comprehend and appreciate the huge diversity of life animal forms existing on the earth ranging from the simplest protozoa to the highly complex and largest aquatic or land vertebrates.

They will learn the basics of systematic and understand the hierarchy of different categories.

Students will gain an insight into diagnostic characteristics of different phyla through brief studies of examples while going through the various aspects of physiology, morphology, habits, habitats and adaptations in non chordate and chordate life forms. Besides, they will also be able to obtain an overview of the phylogenetic relationship and evolutionary trends of these organisms.

Botany

Course Outcomes

botany covers a wide range of scientific disciplines concerned with the study of plants, algae and fungi, including structure, growth, reproduction, metabolism, development, diseases, chemical properties and evolutionary relationships among taxonomic groups, The course structure of this course is designed while keeping in mind the market demand for a skilled and efficient professional who can effectively cater to the demand of growing botanical industry.

Job opportunities are also wide as research organizations, herbal products companies, farm management organizations biotechnology firms always require the services of botany students.

After the degree course botany students can work in the state departments, the Botanical Survey of India and the Environmental Protection Agency.

The department aims to provide the students with an up-to-date level of understanding of plant science and allows them to develop an aptitude towards science and nature. Along with it the students are equipped with the basic skills in identifying and labeling different plants.

A holistic development and academic excellence to contribute effectively to the understanding of the subject along with sensitizing the students towards the need for keeping the environment clean and conserve our natural resources is the prime motive of the department.

B.Sc. Mathematics

- To develop functional numeracy to deploy skills adequate for successful general employment and functioning in society.
- The capability to solve practical problems with mathematics, especially industry and work-centred problems.

B.Sc. Physics

- To demonstrate knowledge of classical mechanics, electromagnetism and modern physics and be able to apply this knowledge to analyze a variety of physical phenomena.
- To show and make them learn laboratory skills, enabling them to make measurements to draw valid conclusions.

B.Sc. Computer Science

- An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- An ability to identify, formulate, and develop solutions to computational challenges.
- An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints.

B. Com

Program Outcome

- The program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc. well-trained professionals to meet the requirements.
- After completing graduation students can get skills regarding various aspects like marketing management, Selling Manager, and overall Administration abilities of the Company.
- The capability of the students to make decisions at personal & professional levels will increase after completion of this course.
- Students can independently start up their own Business.
- Students can get thorough knowledge of finance and commerce.
- The knowledge of different specializations in Accounting. costing, banking and finance with the practical exposure helps the students to stand in organization.

Program Specific Outcome

- The students can get the knowledge, skills and attitudes during the end of the B.com degree course.
- By the goodness of preparation, they can turn into a Manager, Accountants, Management Accountants, Cost accountants, Bank managers, auditors, Company secretaries, teachers, professors, Stock Agents, government employees and so on.
- Students will prove themselves in different professional exams like C.A., C.S. CMA, MPSC, and UPSC, As well as other courses.
- The students will acquire knowledge, and skills in different areas of communication, decision marketing, innovations and problem-solving in day-to-day business activities.
- Students can also get practical and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication, and computer.

- Students can also get the practical skills to work as accountants, audit assistants, tax consultants, and computer operators. As well as other financial support services.
- Student will learn relevant Advanced accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- Students will be able to do their higher education and can do research in the field of finance and commerce.

Course Outcomes

Financial Accounting

- To enable the students to learn principles and concepts of Accountancy. Students are enabled with the Knowledge of the practical applications of accounting.
- To enable the students to learn the basic concepts of Partnership Accounting and allied aspects of accounting.
- The students will get thorough knowledge of the accounting practical prevailing in partnership firms and other allied aspects.
- to find out the technical expertise in maintaining the books of accounts.
- To encourage the students about maintaining the books of accounts for further reference.

Marketing and Salesmanship

- This course enables the students and the principal knowledge and tactics in marketing.
- To study and critically analyze the basic concepts and trends in Marketing. To be aware of the recent change in the field of marketing.

Computer Concepts and Applications

- To make students familiar with computer environment & operating system. To introduce students to accounting packages like tally.
- To develop skills and knowledge among students in applications of the internet in the education of commerce.

Business Mathematics and Statistics

- To use and understand useful functions in business as well as the concept of EMI.
- To understand the different concepts of population and to make students familiar with the calculation of various types of averages and variation. To learn the application of matrices in business.
- To understand the to solve LPP to maximize the profit and to minimize the cost.
- To use regression analysis to estimate the relationship between two variables and to use frequency distribution to make the decision.
- To understand the techniques and concepts of different types of index numbers.

Business Environment and Entrepreneurship

- To make the students aware of the business and business. Environment. To develop entrepreneurial awareness among students.
- To motivate students to make their mindset for thinking entrepreneurship as a career.

Banking and Finance

- To familiarise the students with the fundamentals of banking and thorough knowledge of banking operations.
- To build up the capability of students to know banking concepts and operations.
- To make the students aware of banking business and practices. To make it understandable to the students regarding the new concept introduced in the banking system.

Compulsory English

- To offer relevant and practically helpful pieces of prose and poetry to students so that they not only get to know the beauty and communicative power of English but also its practical application.
- To expose students to a variety of topics that dominate contemporary socio-economic and cultural life.
- To develop oral and written communication skills of the students so that their employability is enhanced.
- To develop the overall linguistic competence and communicative skills of students.

Business Economics (Micro)

- To provide students with knowledge of microeconomics concepts and inculcate an analytical approach to the subject matter.
- To arouse the student's interest by showing the relevance and use of various economic theories.
- To apply economic reasoning to solve business problems.

Organizational skill development

- To familiarise the students with the emerging changes in the modern office environment and to develop organizational skills.
- To build up the conceptual, analytical, technical and managerial skills of students' efficient office organization and records management
- Technical skills among the students for designing and developing effective means to manage records, consistency and efficiency of workflow in the administrative section of an organization will be developed.
- To develop employability skills among the students.

Business Communication

- To make the students aware of business communication. · to understand the process and importance of communication. · To develop awareness regarding new trends in business communication, various media of communication and communication devices.
- To extend business communication skills through the application and exercises.

Corporate Accounting

- This course aims to enlighten the students on the accounting procedures followed by the Companies.
- Student's skills in accounting standards will be developed. · To make aware the students of the valuation of shares.
- To impart knowledge about holding company accounts, amalgamation, absorption and reconstruction of the company.

Business Economics (Macro)

- To familiarize the students with the basic concept of macroeconomics and its application.
- To aware students about Gross National Product (GNP), Net National Product (NNP), Income at Factor cost or National Income at Factor Prices, Per Capita Income, Personal Income (PI), Disposable Income etc. · To Study the relationship among broad aggregates.
- To apply economic reasoning to solve the problems of the economy.

Business management

- To understand the concept & functions and importance of management and its application.
- To make the student understand principles, functions and different management theories.

Elements of company law

- To impart students with the knowledge of fundamentals of Company Law and provisions of the Companies Act of 2013.
- To apprise the students of new concepts involving in company law regime. ·
To acquaint the students with the duties and responsibilities of Key Managerial Personnel.

Cost accounting I

- To understand Basic Cost concepts, Elements of cost and cost sheets. ·
Providing knowledge about the difference between financial accounting and cost accounting.
- Ascertainment of Material and Labour Cost.
- Student's Capability to apply theoretical knowledge in practical situations will be increased.

A course in environmental studies

- To furnish awareness about environmental problems among people.
- Impart basic knowledge about the environment and its allied problems. ·
developing an attitude of concern for the environment.
- Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

Business Regulatory Framework (Mercantile Law)

- The student will be well versed in basic provisions regarding the legal framework governing the business world.
- To know the students with the basic concepts, terms & provisions of Mercantile and Business Laws.
- To develop awareness among the students regarding these laws affecting trade business, and commerce.

Auditing and taxation

- Students will be versed in the fundamental concepts of Auditing and different aspects of tax.
- Students can understand the Income Tax system properly and can gain knowledge of different tax provisions.
- To give knowledge about the preparation of Audit reports, Submission of Income Tax returns, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.

Banking & Finance III (Banking Law and Practices in India.)

- To enlighten the students' knowledge of Banking Regulation Acts.
- To give a thorough knowledge of the Indian Banking System and Acts about it.
- To provide an understanding of the nature, and importance, of the banking sector. · To know the structure of finance-related areas.
- To impart knowledge regarding the source of finance for a business.

Computer Programming and Application III (Software Engineering)

- To learn the different system concepts used in Software Engineering.
- To understand the different types of applications of Software Engineering to be acquainted with the facts about Software Development.

B.A.

Program Outcome

- The students acquire knowledge in the fields of social sciences, literature and humanities which
- Make them sensitive and sensible enough.
- The B.A. graduates will be acquainted with the social, economic, historical, geographical,
- Political, ideological and philosophical tradition and thinking.
- The program also empowers the graduates to appear for various competitive examinations or
- Choose the postgraduate programme of their choice.
- The B. A. program enables the students to acquire knowledge with human values framing
- The base to deal with various problems in life with courage and humanity.
- The students will be ignited enough to think and act on the solution of various issues
- Prevailed in human life to make this world better than ever.
- Programme provides the base to be a responsible citizen.

Economics

- Explain the function of the market and prices as allocative mechanisms.
- Apply the concept of equilibrium to both microeconomics and macroeconomics.
- Identify key macroeconomic indicators and measures of economic change, growth, and development.
- Identify and discuss the key concepts underlying comparative advantage.
- Identify and explain major types of market failures.
- Discuss the application of marginal analysis.
- Explain the use of benefit/cost analysis.
- Explain the contribution of economics to the analysis of nonmarket social issues.
- Present economic arguments in non-quantitative form.
- Synthesize the arguments found in both academic and popular economic media.
- Articulate economic concepts in a classroom.
- Set up and keep current a database concerning career opportunities for undergraduate majors and undergraduate options in economics.
- Encourage majors and option students to consult department advisors concerning career goals, and develop study programs consistent with those career goals.
- Set up and keep a current database on the employment and graduate study experience of alumni.

SOCIOLOGY

- Explain the sociological perspective, broadly defined; use sociological theory to explain social problems and issues; make theoretically-informed recommendations to address current social problems; and demonstrate the utility of the sociological perspective for their lives.
- Demonstrate the ability to interpret, locate, evaluate, generate, and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.
- Integrate sociological theory, research, and data to assess various explanations of social phenomena and to assess social policy.
- Define sociology and describe the historical and social context from which it emerged
- Explain the sociological imagination and the relationship between the individual and the broader workings of society

- Differentiate between the three main theoretical paradigms/perspectives in sociology
- Describe and apply the scientific method to sociology
- Identify and differentiate between types of research methods, discussing the benefits and limitations of each

Political Science

- To demonstrate knowledge of political thinkers of the West and East
- To understand the nature, methods and significance of political institutions and laws that govern all concerns.