Program Outcomes

1. POST GRADUATE COURSES:

M.Sc Botany:

- Provides knowledge about Systematics and Genetics of plants.
- Enhance skills to understand the fundamental Physiological and Ecological aspects of plants.
- Helps to solve some of the world's most important current issues such as Sustainable development, Preservation of native biodiversity.
- Enable the student to pursue different career options such as Regional Industries related to Pharmacy and Tissue culture, Secondary teaching and research related to diverse areas of plant sciences.

M.Sc Chemistry:

- The students would achievehigh potentialin the field of pure, interdisciplinary and multidisciplinary areas of Chemical Sciences.
- The students will become technically sound to handle the advance analytical instruments (like UV-Vis, FTIR, NMR, GCMS, HPLC and TGA) for the structure determination and chemical analysis.
- They will have ability to think critically and to analyze chemical problems.
- The students will achieve the proficiency to work in teams effectively and safely in a laboratory environment.
- The programme will ignite the students to develop their interest to step into the research career.
- The students will acquire the knowledge of various domains such as green chemistry, nanotechnology etc. for the sustainable development in the frontier areas of chemical sciences.

M.Sc. Mathematics

- To develop skills required for sound analytical and practical knowledge to pursue

- Careers in research, education and industry.
- To train computational scientists who can work for real life challenging problems.
- To develop their understanding and professional capabilities through lifelong Learning.
- To develop an ability to communicate effectively with a range of audiences.
- To inculcate recognition of the need for and an ability to engage in continuing Professional development.

M.Sc. Physics

- Understand the fundamental aspects of theoretical physics.
- Have updated knowledge of recent trends in physics.
- Acquire skills in the areas of theoretical, experimental and applied physics.
- Design solutions for physics problems that meet the specified needs with appropriate attention to environmental, cultural and societal consideration.
- Communicate effectively on scientific activities with the Scientific/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.
- To develop manpower in teaching Physics and to conduct research in Physics.

M.Com

The programme outcomes are registered under 4 headings:

1. Knowledge and Understanding, 2. Cognitive Skills, 3. Practical Skills and 4. Capability/Transferable Skills

1. **Knowledge and Understanding**

   After undergoing this programme, a student will be able to:

   KU1: Discuss the principles of Financial Accounting and Banking Services for business decision making

   KU2: Explain policies and regulations of the central banks and its influence on the the operations of nationalised, commercial and private banks

   KU3: Describe concepts in capital market, investment avenues and portfolio management

KU4: Review various risks in investment decisions and mechanisms of risk mitigation

2. **Cognitive Skills**

After undergoing this programme, a student will be able to:

CS1: Explore behavioural aspects of various investment avenues and financial markets

CS2: Evaluate investment strategies from the perspective of financial institutions

CS3: Examine different investment schemes with respect to risk and return

CS4: Analyse and interpret the influence of securities, forex, commodities and future market on the business

3. **Practical Skills**

After undergoing this programme, a student will be able to:

PS1: Evaluate the risk and returns associated with various investment avenues for an investment plan

PS2: Construct optimum portfolio

PS3: Implement micro financing schemes for financial inclusion

PS4: Use software tools to carry out a specified financial analysis of a business application

4. **Capability/ Translatable Skills**

After undergoing the programme, a student will be able to:

TS1: Offer rationale to analyse a decision and substantiate the decision making process through modelling and data analysis

TS2: Offer services as an analyst or consultant or member of staff of accounts/audit unit of an organisation or institution

TS3: Work as team member and also lead a team

TS4: Adopt a reflective approach to personal development and embrace the philosophy of continual professional development

M.Sc IT

Graduates of the program will possess the skills and knowledge to:

- Demonstrate a comprehensive understanding of the broad themes in Information Technology.
- Use and apply current technical concepts and practices in the core information technologies of networking, data management, software engineering etc.

- Demonstrate a deep understanding of the IT methodologies and frameworks used to solve complex computing problems related to at least one IT Body-of-Knowledge.
- Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.
- Effectively integrate IT-based solutions into the user environment.
- Developed and implement optimal solutions to complex computing problems using industry-recognized best practices and standards.
- Apply ethical decision making in the development, implementation, and management of IT systems.

PGDCA (Post Graduate Diploma in Computer Application)

The Post Graduate Diploma in Computer Application Programme will prepare its graduates to achieve:

- The understanding to apply knowledge of computing and technological advances appropriate to the programme.
- Skills to analyse a problem, and identify and define the logical modelling of solutions.
- Analyze real world problems and use available technological solutions to design and implement the same.
- Effectiveness in communicating with a wide range of audiences.
- An ability to analyse the local and global impact of business solutions on individuals, organisations, and society.
- An identification of the need to engage in continuing professional development.

M. A. (Political Science)

- Teaching in Universities, Colleges and Schools.
- Helpful for Civil Service Exams: IAS, IPS, State Civil Services.
- Carrier in Politics.
- National and International Organization.
- Public Relations Department.
- Media and Political Experts.

- Research.
- Develop leadership qualities in Students.

M. A. (Hindi)

शिक्षा चाहे किसी भी क्षेत्र में ग्रहण क्यों न की हो, वह मनुष्य को हमेशा आगे बढ़ने के लिए प्रेरित करती है, इसी प्रकार जो विद्यार्थी हिंदी भाषा और साहित्य से अपनी स्नातकोत्तर करता है उसके पास अपने भविष्य के संबंध में अनेक संभावनाएं मौजूद रहती हैं। हिंदी विषय से संबंधित विद्यार्थी एक स्वतंत्र लेखक, हिंदी प्राध्यापक और हिंदी अध्यापक बन कर साहित्य एवं शिक्षा क्षेत्र को प्रगति प्रदान कर सकता है। आज के तकनीकी युग में ऑनलाइन अनुवादक एवं ऑनलाइन कोचिंग का भी चलन है, विद्यार्थी अपनी रूचि के अनुसार इस क्षेत्र को भी अपना सकता है। समाचार पत्रों, पुस्तक प्रकाशकों के पास प्रूफ रीडर की नौकरी भी इस विस्तृत क्षेत्र में आ जाती है। कंटेंट राइटर, स्वतंत्र अनुवादक के कार्य के साथ साथ सरकारी एवं गैर सरकारी बैंकों में राजभाषा अधिकारी, प्रत्येक सरकारी कार्यालय में हिंदी अधिकारी जैसे सरकारी नौकरी के अवसर भी स्नातकोत्तर हिंदी के विद्यार्थियों के लिए उपलब्ध हैं। हिंदी भाषा के विद्यार्थियों को भविष्य में अनंत संभावनाएं मिलती हैं जिससे भाषा अपनी प्रगति करती है।

2. UNDER GRADUATE COURSES:

B.A. Honours School in English

- Develop a deeper appreciation of English Literature and Language.
- Ability to critically analyse literary texts of different eras and be able to interpret and review them.
- Proficiency in communicating in English.
- Ease of applicability of English language in present day career occupations.
- Ability to think critically, speak articulately, write lucidly and precisely, and to read powerfully, deftly, and with understanding of subtleties and nuances.
- **Some of the major areas that will be covered:**
  English Literature, English Grammar, Linguistics, English Poetry, Drama, Creative Writing, Business English, Phonetics.
- **Career Avenues:** Journalism, Print Media, Electronic Media, Script Writing, Novelist, Communication Field of all Industries, Academics & Research, Critiquing of books and films, Manage & market high-end Book stores, writing for electronic media such as blogs,

websites, social media, join a publishing house as a writer or editor, Copy writing in Ad agency, Travelogue writer.

B.Com

PO – 1: After completing three years for bachelors in commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of commerce and finance.

PO – 2: The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern day challenges in commerce and business.

PO – 3: The all inclusive outlook of the course offer a number of value based and job oriented courses ensures that students are trained into up-to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.

Program Specific outcome (PSO)

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 affective 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 of their future careers in business.

PSO – 4: Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge of their future careers in business.

PSO – 5: Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing.

PSO – 6: Learners will be able to recognise features and roles of businessmen, entrepreneur managers, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.

PSO – 7: Learners will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA and other courses.

PSO – 8: Learners will acquire the skills like effective communication, decision making, problem solving in day to day business affairs.

PSO – 9: 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-10 : Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

PSO-11: Learners will be able to do higher education and advance research in the field of commerce and finance.

B.B.A

Upon graduation, students will be able to:

- Exhibit understanding of broad business concepts and principles.
- To identify and define problems and opportunities.
- Demonstrate the ability to identify a business problem, isolate its key components, analyze and assess the salient issues, set appropriate criteria for decision making and draw appropriate conclusions and implications for proposed solutions.
- Demonstrate the capabilities required to apply cross- functional business knowledge and technologies in solving real – world business problems.
- Demonstrate use of appropriate techniques to effectively manage business challenges.
- Capable of recognizing and resolving ethical issues.
- Effectively communicate business issues, management concepts, plans and decisions both in oral and written from using appropriate supportive technologies.
- Develop various real time applications using latest technologies and programming languages.
- Possess strong foundation for their higher studies.

- Blend analytical, logical and managerial skills with the technical aspects to resolve real world issues.
- Become employable in various IT companies and government jobs.

PROGRAMME SPECIFIC OUTCOMES:

BBA Programme has been designed to prepare graduates for attaining the following specific outcomes:

- Critical thinking skills: Students are able to define, analyze, and devise solutions for structured and unstructured business problems and issues using cohesive and logical reasoning patterns for evaluating information, materials, and data.
- Communication Skills: Students are able to conceptualize a complex issue into a coherent written statement and oral presentation.
- Technology Skills: Students are competent in the uses of technology in modern organizational operations.
- Entrepreneurship and innovation: Students can demonstrate the fundamentals of creating and managing innovation, new business development, and high – growth potential entities.
- Business Knowledge: Students can demonstrate technical competence in domestic and global business through the study of major disciplines within the fields of business.

B.Sc. (H) Chemistry

On the successful completion of B.Sc. Hons.Chemistry Programme:

- The students would achievegood knowledge of Pure and Applied Chemistry.
- They will acquire basic knowledge of analytical techniques used in Purification and Structure Elucidation of various compounds.
- The students will attain sufficient practical knowledge in the subject which will further develop their interest into the domain of research.
- The programme will render the students competent and critical enough to appear in various competitive exams.

B.Sc. (Medical)

- Opens up wide choices for the students for further studies e.g. Microbiology, Genetics, Biotechnology, Forestry, Environment, Tissue culture, Agriculture and Chemistry etc.

- Medical graduates can get placed in any Pharmaceutical, Medical, Hospitals, Medical camps or School and College laboratories.
- Science graduates also do well in non-science career such as Marketing, Civil services, Technical writing, IT industry, BPO, etc.

B.Sc. (Hons.) Agriculture

Programme objectives: This under graduate course is meant to give theoretical and practical knowledge about food handling, sampling, analysis and preservation etc. They are trained in industry for 6 months to accustom them to the environment of food industry.

Programme Specific Outcomes: Students can place themselves as Food Lab Technician, Food Processing Operator, Machinery inspection, Food Handler, Research Scientists, Organic Chemists, Food Inspector, Managers and Accountants, Hospitals, Restaurants, Food Processing Companies, Catering Establishments and services, Food Research Laboratories, Retailers, Food Wholesalers, Packaging Industries, Consultant, Entrepreneur etc.

Diploma in Agriculture

Diploma in Agriculture course helps to learn basics of agriculture and allied subjects like agribusiness management, **agricultural** management, natural resources, livestock production, soil conditions. Students will learn the working of the **agricultural** machinery like cropping machinery, harvesters.

Programme Specific Outcomes: Students of diploma are in high demand in Government agricultural firms, Banks, Plantations, Government fertilizer manufacturing firms etc. They are recruited their at the level of field assistants store manager, farm manager/assistant, horticulturist, gardeners etc.

B.Voc. (Food Processing)

Programme objectives: This under graduate course is meant to prepare students for the upcoming food industry.

Programme Specific Outcomes: Students are consumed in various government, semi government and private organizations. They can become Agriculture Scientist, Agriculture Technician, Agriculturists, Business Development Executive, Data Curator, Marketing Executive, Rice Breeder, Seed Technologist, Junior Agriculture Specialist, Junior Associate - Research

B.Sc. (Hons.) Mathematics

B.Sc. (Hons.) Mathematics programme endeavours to instil in students with a genuine interest in their subject area by fostering a creative spirit to help them fulfil their potential, to become creative mathematician. upon completion of the B.Sc. (Hons.) Mathematics programme, students will be able to

- Solve complex problems by critical understanding, analysis and synthesis.
- Demonstrate a range of appropriate general skills including IT competency.
- Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world-to an advanced level, and enhance career prospects in a huge array of fields.

BCA (Bachelor in Computer Application)

BCA Program has been designed to prepare graduate for attaining the following outcomes:

- To provide thorough understanding of nature, scope and application of computer and computer languages.
- To work effectively both as individual and a team leader on multidisciplinary projects.
- Possess strong foundation for their higher studies.
- Improves communication skills so that they can effectively present technical information in oral and written reports.
- Prepares to create design innovative methodologies for solving complex/ real life problems for the betterment of the society.
- To integrate ethics and values in designing computer application.
- To work in the IT sector, public sector undertakings and Government organizations.