

## **Programme Outcomes (POs) for BA**

### **1. Critical Thinking and Analytical Skills**

Becomes capable of: Analyzing diverse perspectives, interpreting texts, and evaluating arguments logically.

Career Paths: Research Analyst, Policy Analyst, Editorial Assistant, Think Tank Consultant.

### **2. Interdisciplinary and Multidisciplinary Learning**

Becomes capable of: Integrating knowledge from various disciplines to address complex societal and global issues.

Career Paths: Civil Services, Public Relations Officer, Social Researcher, NGO Worker.

### **3. Effective Communication and Writing Skills**

Becomes capable of: Writing academic and professional documents, articulating ideas persuasively, and engaging in public discourse.

Career Paths: Content Writer, Journalist, Editor, Copywriter, Technical Writer.

### **4. Research and Inquiry-Based Learning**

Becomes capable of: Conducting independent research, collecting and analyzing data, and presenting findings coherently.

Career Paths: Research Assistant, Market Researcher, Academician, Librarian.

### **5. Ethical and Social Responsibility**

Becomes capable of: Making ethical decisions, advocating for social justice, and contributing to sustainable development.

Career Paths: Human Rights Officer, Social Worker, Policy Maker, Environmental Activist.

### **6. Cultural and Historical Awareness**

Becomes capable of: Understanding historical contexts, appreciating cultural diversity, and critically engaging with heritage.

Career Paths: Museum Curator, Historian, Cultural Analyst, Anthropologist.

### **7. Digital and Information Literacy**

Becomes capable of: Using digital tools for research, content creation, and professional communication.

Career Paths: Digital Marketer, Media Consultant, Data Analyst, Online Educator.

### **8. Lifelong Learning and Adaptability**

Becomes capable of: Self-directed learning, adaptability to new fields, and continuous professional development.

Career Paths: Entrepreneur, Freelance Consultant, Life Coach, Training Specialist.

### **9. Global and Local Awareness**

Becomes capable of: Engaging with global issues, understanding governance and development, and contributing to policy-making.

Career Paths: Diplomat, International Relations Officer, Civil Service Officer, NGO Manager.

### **10. Employability and Entrepreneurship**

Becomes capable of: Applying critical and creative thinking to business, leadership, and innovation.

Career Paths: Business Consultant, HR Professional, Startup Founder, Event Manager.

## **Program Outcomes for BCA and PGDCA**

**PO 1:** Apply mathematics and computing fundamental and domain concepts to find out the solution of defined problems and requirements. (Computational Knowledge)

**PO2:** Use fundamental principle of Mathematics and Computing to identify, formulate research literature for solving complex problems, reaching appropriate solutions. (Problem Analysis)

**PO 3:** Understand to design, analyze and develop solutions and evaluate system components or processes to meet specific need for local, regional and global public health, societal, cultural, and environmental systems. (Design/Development of Solutions)

**PO 4:** Use expertise research-based knowledge and methods including skills for analysis and development of information to reach valid conclusions. (Conduct Investigations of Complex Computing Problems)

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**PO 6:** Exhibiting ethics for regulations, responsibilities and norms in professional computing practices. (Professional Ethics)

**PO 7:** Enlighten knowledge to enhance understanding and building research, strategies in independent learning for continual development as computer applications professional. (Life-long Learning)

**PO 8:** Establishing strategies in developing and implementing ideas in multi-disciplinary environments using computing and management skills as a member or leader in a team. (Project Management and Finance)

### **PO9:**

Contribute to progressive community and society in comprehending computing activities by writing effective reports, designing documentation, making effective presentation, and understand instructions. (Communication Efficacy)

**PO10:** Gain confidence for self and continuous learning to improve knowledge and competence as a member or leader of a team. (Individual and Teamwork)

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**Programme Outcome of  
BBA (Bachelors of Business Administration)**

- Demonstrate comprehensive knowledge of business principles, practices, and concepts across various functional areas like marketing, finance, operations, human resources, and strategy.
- Apply theoretical knowledge to practical business problems and scenarios.
- Communicate effectively in both written and oral formats, conveying business information clearly and persuasively to diverse audiences.
- Develop the ability to analyze complex business problems, think critically, and come up with innovative solutions.
- Make decisions that reflect an understanding of ethical business practices, sustainability, and the impact on stakeholders and the community.
- Work collaboratively with others in team environments, valuing diverse perspectives and promoting group dynamics for effective performance.
- Understand the global business environment, including international business practices, trade, and cultural dynamics.
- Foster an entrepreneurial mindset and develop skills to initiate, plan, and manage new business ventures.
- Promote creativity and innovation to drive business development and competitive advantage.
- Use management tools and techniques to evaluate performance, plan operations, and make strategic decisions.
- Utilize information technology and digital tools to enhance business processes, analysis, and decision-making.
- Analyze and interpret business data to support decision-making, improve performance, and drive strategic initiatives.
- Engage in lifelong learning to stay up-to-date with industry trends, new technologies, and emerging business practices.
- Prioritize tasks, manage workloads, and demonstrate organizational skills in a fast-paced business environment.

### **PUNJABI- Programme outcomes**

The course is designed to enable students to:

- Access a rich and diverse cultural tradition developed over a long period of time. This tradition includes Poetry, Prose, and traditional folk dance.
- Punjabi Course helps them understand society and make them aware of their rights and duties.
- The Course enhances their critical thinking.
- Apply Punjabi to work, further study, translator job and also so many opportunities.
- Knowledge of modern standard Punjabi provides foundation for understanding the innumerable regional variants and various style of spoken Punjabi, which are found both within and outside the subcontinent.
- Use Punjabi to communicate with others.
- Understand their own culture through the study of other culture.
- Express needs, desires, or emotions properly
- Understand and appreciate the cultural contexts in which Punjabi is used.

### **Programme outcomes of a B.Com**

The program outcomes of a B.Com degree program include developing skills in accounting, finance, management, and business law. The program also helps students develop critical thinking and communication skills, and the ability to make decisions.

Program outcomes

Accounting: Students learn how to classify and record business transactions, prepare financial statements, and use accounting software

Finance: Students learn about financial management, risk return frameworks, and capital budgeting techniques

Management: Students learn about managerial and accounting skills, and how to develop entrepreneurial skills

Business law: Students learn about legal guidelines for business activities, including income tax, GST, and company law

Communication: Students learn how to communicate effectively in business correspondence

Decision making: Students learn how to make decisions at personal and professional levels

Career options

Students can work in banking, insurance, FMCG, and other industries

Students can pursue further studies, such as an MBA, CA, or CFA

Students can work in high-demand roles, such as data scientist or bank manager

### **M.COM Programme Outcome**

To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines.

To train the student to develop conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to financial management and Banking Transactions of a business.

To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.

To enable a student well versed in national as well as international trends.

To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.

To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business

Environment, Research Methodology and Tax planning. Program Specific Outcome After Completing Masters in Commerce students are able to Develop an ability to apply knowledge acquired in problem solving.

Ability to work in teams with enhanced interpersonal skills and communication.

The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration. Ability to start their own business. Ability to work in MNCs as well as pvt, and public companies.

To develop team work, leadership and managerial and administrative skills.

Students can go further for professional courses like CA/ CS/CMA/CFA

## **B.A B.ED. PROGRAM OUTCOME (PO's)**

**On successful completion of the Four-year B.A.B.Ed. Program, pupil teachers will be able to develop-**

### **Po1. Content and Pedagogical Knowledge:**

- Comprehension of theoretical knowledge of academic subject at B.A. level as B.Ed level.
- Implementation of knowledge of core content and pedagogy to set goals and objectives for learning based on Curriculum, and design instruction that engages students in meaningful learning activities.
- Understand the integration of content knowledge with pedagogical knowledge.
- Analyse and comprehend the syllabus and curriculum for integration of content with teaching methodology.

### **Po2. Teaching Proficiency:**

- Use of learner-centred teaching methods according to the need of learners.
- Applying content knowledge with innovative teaching skills and dealing with classroom problems.
- Implementation of appropriate teaching methodology or strategy after recognition of learner's learning styles.

### **Po3. Values and Ethics:**

- Implementation of the core elements, life skills, national values and goals as mentioned in the constitution of India.
- Understand different values, ethics, morals, social service and sense of responsibility for the society.
- Demonstrate professional ethics and responsibilities as an educational practitioner.
- Engage in value based and culturally responsive teaching practices.
- Sensitize learner to act as an agent of modernization and social change



**Po4. Self-Directed Learning:**

- Preparation of class wise tentative planning on monthly, half yearly basis along with Year, Unit and Lesson plan of their respective subjects including the lesson plan for the students with diverse needs.
- Construction of scripts for content of respective subjects.
- Development and implement various evaluation procedures as per the demand of subject.

**Po5. Strengthening Professional Competencies:**

- Integrate ICT in teaching-learning and assessment process to enrich professional practice.
- Deliver meaningful learning experiences for all students by integrating their knowledge and applying a variety of communication, instructional, and assessment strategies in their teaching.
- Apply the competencies and skills needed for becoming an effective teacher.

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1. **Accounting:** Students learn how to classify and record business transactions, prepare financial statements, and use accounting software
2. **Management:** Students learn about managerial and accounting skills, and how to develop entrepreneurial skills
3. **Business law:** Students learn about legal guidelines for business activities, including income tax, GST and company law
4. **Communication:** Students learn how to communicate effectively in business correspondence  
**Decision making:** Students learn how to make decisions at personal and professional levels  
**Career options**

### Programme Outcome of B.Voc (Tax,Laws & Management)

The program outcomes of a B.Voc degree program include developing skills in accounting, Taxation, management, and business laws. The program also helps students develop critical thinking and communication skills, and the ability to make decisions.

**Accounting:** Students learn how to classify and record business transactions, prepare financial statements, and use accounting software

**Management:** Students learn about managerial and accounting skills, and how to develop entrepreneurial skills

**Business law:** Students learn about legal guidelines for business activities, including income tax, GST and company law

**Communication:** Students learn how to communicate effectively in business correspondence

**Decision making:** Students learn how to make decisions at personal and professional levels

**Career options**

Students can work in banking, insurance, TaxConsultant ,FMCG, and other industries

Students can pursue further studies, such as an MBA, CA, or CFA

## DEPARTMENT OF MATHEMATICS

### M. Sc., MathematicsPROGRAMME OUTCOME

- Good understanding of number theory which can be used in modern online cryptographic technologies.
- Nurture problem solving skills, thinking, creativity through assignments, project work.
  - Enable students to enhance mathematical skills and understand the fundamental concepts of pure and applied mathematics.
  - To inculcate the curiosity for mathematics in students and to prepare them for future research.
  - Develop, design and implement research projects competently and independently.
  - Students will be completely prepared to take up PhD and continue his/her research.
  - To prepare them to go for higher studies and pursue research
  - Identify and define emerging problems related to one's area of interest.
  - To introduce the fundamentals of Mathematics to strengthen the students' logical and analytical ability.
  - Qualify various competitive exams like CSIR-UGC NET, SET, GATE, MPSC, UPSCetc

- Provide advanced knowledge in pure mathematics, it empowering the students to pursue higher degrees at reputed national/ international universities /research institutions like IISc, TIFR, CMI and NBHM.
- Good understanding of Differential Geometry/Riemannian Geometry which have very good applications in Einstein Theory of Relativity and cosmology.
- Strong foundation in Fluid Mechanics/MHD it provides an applications in Mechanical Engineering.

**After Master of mathematics, student can do following jobs**

- Aerospace engineer.
- Software developer.
- Software engineer.
- Economist.
- Actuary.
- Quantitative analyst.
- Data scientist.
- Algorithm engineer.