

## **Courses, Programmes and Course outcomes**

### **Courses Available in the College:**

- Bachelor of Arts (B.A)
- Bachelor of Commerce (B.Com)
- Bachelor in Computer Application (B.C.A)
- Master of Arts (Punjabi) (M.A)
- Master of Arts (Political Science) (M.A)
- Master of Science in Information Technology (M.Sc (IT)
- Master of Science in Information Technology (M.Sc (IT) LE)
- Post Graduate Diploma in Computer Application (PGDCA)

*Lovleen*

**Principal  
Nehru Memorial Govt. College  
Mansa**

# Programme and Course Outcomes

## Computer Science

- This programme develops an ability to apply knowledge to identify, formulate and develop solutions to computational challenges.
- It develops an ability to design, implement and evaluate a computational system to meet the desired needs within realistic constraints.

The various courses available in our college are BCA, PGDCA, M.Sc. (IT), M.Sc. (IT) Lateral Entry. The courses outcomes are

### BCA (Bachelor of Computer Application)

- It aims at preparing students for attaining an ability to apply knowledge of Mathematics, Computer Science and Management in practice and an ability to enhance not only comprehensive understanding of theory but its applications too in diverse fields.
- Scope as a Web Designer, System Manager, Software Developer, Computer Programmer, Developer, Software Tester etc.
- The ability to join the higher studies or to run their own business successfully in a better way.

### PGDCA (Post Graduate Diploma in Computer Application)

- Sound understanding of basic computer applications in business covering Key Programming Languages, Database Management, System Analysis, Computer Software Development in specific applications such as studies, financial management and long range planning.
- Scope of admission in M.Sc. (IT) and other higher classes.
- Job career in Banks, Offices and other institutes.
- Business opportunities.

### M.Sc. (IT), M.Sc. (IT) Lateral Entry

- It provides knowledge, general competence and analytical skills on an advanced level needed in academics, industry and research.
- The ability to join the higher studies.
- Provides skill to start personal Business.

### Bachelor of Commerce/B.Com

- Commerce is a business oriented field
- It provides multiple opportunities in the fields of Bank, C.A., Financial analysts, Audit, Private; Govt. Sectors Marketing etc.
- Career in business in a better way.
- Inculcates ability to manage the resources in an ideal way and lead a better life.
- Specialization and practical exposure in the field of business
- Enables students to face modern day challenges and prepares them for entrepreneurship and industrial needs.

## **Humanities (Arts)**

### **History**

- A person learns a lot from his past.
- It provides healthy platform to grow as good human beings of moral and ethical values
- Familiarity with past culture, heritage, lives of our Gurus, Saints and Warriors.
- Develops social values
- Job Career in Elementary Schools, Secondary Schools, Historic Sites and Museums etc.
- Association with several fields like, Historical Organization, Historic Preservations etc.
- Career in Archaeological Survey of India
- Scope for higher education and jobs in various fields.

### **Political Science**

- It facilitates the students to get connected with the world outside.
- Understanding of the nature and developments in National and International politics.
- A basic understanding of rights and duties of citizenship
- Understanding of the interrelationship between policy decisions and its effects on society.
- Job career in various teaching and non-teaching fields.

### **English**

- It provides understanding of the international language, its Vocabulary, Grammar, Syntax and Semantics.
- Opportunity to get familiar with the great Writers, Scientists, Doctors, Engineers and the people of other fields.
- Inculcation of the ability to clear ILETS and visit and get settled in other countries.
- Scope for higher education.
- Ability to provide coaching to the students and run tuitions.
- Job career in various fields and Institutes.

### **Punjabi**

- It matters a lot in the all-round development of a person.
- It enables a person to get inclined to his/her culture, tradition, civilization.
- It teaches art of living.
- It provides successful communication, sound visualization and better understanding of the various concepts of learning and life.
- Develops students bonding with the mother tongue.
- Job Career in Schools and Colleges

## **Hindi**

- Hindi, our National language, strengthens student's bond with his/her Nation and National heritage, culture, civilization, traditions and conventions.
- It helps in promoting national integrity.
- It enhances the opportunities of the employability.
- Scope for jobs in various fields especially in the field of education.
- It enables a person to communicate all over the country.

## **Physical Education**

- It provides theoretical knowledge of the mechanism of the body and the ways to keep it sound and healthy.
- It provides practical training of various physical activities, yoga and exercises.
- Scope for personal business in the form of Gyms.
- Job Career in the field of education and games
- Job Career in gyms or training centers for exercises and games.
- Scope for further education of D.P.Ed and M.P.Ed

## **Economics**

- It is the study of scarcity and its implication for the optimum use of resources for the welfare of society.
- It develops the ability to explain core economic terms, concepts and theories.
- It provides the knowledge to students about the functioning of market and prices as allocative mechanism both at micro and macro level.
- It helps in measuring the economic change, growth and development.
- Scope for higher studies.
- Job career in the field of education.
- Scope for competitive exams and official jobs.

## **Mathematics**

- Mathematics is the study of quantity, structure, space and change.
- Scope in science, engineering and social sciences.
- Calculus, Algebra, Geometry, Analysis, Differential Equations and Mechanics can be used in modeling and solving real life problems.
- Provides opportunities for employability for jobs in banking, insurance, investment sectors and another public and private enterprises.
- Scope for higher studies
- Scope for competitive exams, various jobs and personal coaching centers.
- Enables a person to start a business
- Enables a person to manage the resources in the best way.