

## **MESSAGE FROM HEAD OF DEPARTMENT:**

The Department of Computer Applications started in the year of 2003. We proudly announce the completion of 15 years of inception, growth and establishment. The department offers graduate and postgraduate programs enriched in core learnings, challenges and opportunities. The department has grown large to support talent and to cater to the societal requirements. Even through this journey of 15 years, the state-of-the-art infrastructure is in full utilization in the department.

Our Prime Objective is to prepare our students to meet increasing global challenges of ever evolving technologies so as to make the students acceptable to both industries and higher institution of learning. Our mission is to train students to develop inquisitive mind for the true understanding of real life problems and to build optimal computer solutions for the benefit of society.

Regular activities are arranged and encouraged in the department for indigenous product development, skills enhancement and interdisciplinary interactions. The Department boasts of intelligent alumni, most of them being placed in reputed international firms like IBM, WIPRO, INFOSYS, TCS, DELLOITE etc. The department believes in close interaction with the industry on regular basis to keep in pace with the ever changing scenario of the IT industry. Department of Computer Applications endeavors to provide best professional opportunities to our students and look forward to their bright future. Currently, the department is also offering the following courses under Open & Distance Learning Program.

1. BCA
2. BCA (LE)
3. DCA

### **Computer Courses**

This specialization covers topics ranging from basic computing principles to the mathematical foundations required for computer science. You will learn fundamental concepts of how computers work, which can be applied to any software or computer system. You will also gain the practical skillset needed to write interactive, graphical programs at an introductory level. The numerical mathematics component will provide you with numerical and computational tools that are essential for the problem solving and modeling stages of computer science. . Distance education Program at ACET offers BCA, BCA (leet) and DCA in this stream.

## **BCA (Bachelors of Computer Application)**

Bachelor of Computer Applications (BCA) graduates can pursue Masters degree or Post Graduate Diplomas in the same domain. A student can further enhance his studies in streams like Masters of Computer Applications (MCA), Masters in Business Administration (MBA) in Information Systems and Business Administration (MBA) in Operations. Also, Several colleges offer various post graduates diplomas like Post Graduate Diploma in Computer Applications (PGDCA), in Computer Commercial Applications (PGDCCA) and in Business Statistics and Computer Applications (PGDBSCA) etc. A BCA degree from an accredited institution can catapult you to various professions like Database Administrator, Computer Programmer, System Administrator or Computer Support Service Specialist in reputed IT companies like Infosys, Wipro, ITC InfoTech Limited etc.

## **BCA (leet)**

The department offers direct admission to the Third Semester. All those candidates who have passed Matriculation examination AND have also passed 3 Year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal.

OR

10+2 with 1 year Diploma in Computer Application / IT (or equivalent) from a recognized University with Mathematics as course at 10+2 or DIT / DCA level.

## **DCA (Diploma in Computer Application)**

DCA, Diploma in Computer Applications, is a one-year diploma course in the field of Computer Applications which involves study of numerous computer applications such as MS Office, Internet Applications, Operating System, Database Management System (DBMS), HTML among other subjects. The course curriculum ensures to provide an aspirant a deeper knowledge of the subject as well as will make the student technology friendly.

All those candidates who have passed the 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.

OR

Those candidates who have passed their Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal.