

# TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC Accredited Grade 'A' Institute

Department of Computer Applications  
BCA

Ref. No. TIAS/BCA/2021-22/

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## BCA PROGRAMME LEARNING OUTCOMES (PLOs):

The Tecnia Institute of Advanced Studies' undergraduate programme in Computer Applications-BCA graduates after completing the programme displays the key outcomes as planned; a learner after the completion of the BCA Programme shall enable a student to:

- ❖ To design, implement, and evaluate computer-based system, process, component, or program to meet desired needs by critical understanding, analysis and synthesis
- ❖ Identify applications of Computer Science in other fields in the real world to enhance the career prospects
- ❖ Realize the requirement of lifelong learning through continued education and research.
- ❖ Use the concepts of best practices and standards to develop user interactive and abstract application
- ❖ Understand the professional, ethical, legal, security, social issues and responsibilities.

The detailed list of programme learning outcomes is as follows:-

- PLO1** : The student should be able to communicate the technical information both orally and in writing professionally.
- PLO2** : Create, select, adapt and apply suitable tools and technologies to a wide range of computational activities.
- PLO3** : Acquire necessary knowledge of technical, scientific as well as basic managerial and financial procedures to analyze and solve real world problems within their work domain
- PLO4** : Clarity on both conceptual and application oriented skills in commerce, Finance & Accounting and it Applications in Business context.
- PLO5** : Must be able to provide technical support for various software applications.
- PLO6** : Ability to analyze research and investigate complex computing problems through design of experiments, analysis and interpretation of data and synthesis of the information to arrive at valid conclusions.
- PLO7** : Apply the knowledge gained in core courses to a broad range of advanced topics in computer science, to learn and develop sophisticated technical products independently.
- PLO8** : Awareness on ethics, values, sustainability and creativity aspects of technical solutions.