

Annexure-B : LOCF for Bachelor of Computer Applications (BCA)

<p>Expected Programme Learning Outcomes (PLOs) in terms of :</p>	<p>Knowledge: The graduates should be able to demonstrate the acquisition of knowledge to:</p> <ul style="list-style-type: none"> • Comprehensive, factual, theoretical and specialized knowledge in broad multidisciplinary contexts with depth in the underlying principles and theories relating to one or more fields of learning viz a viz Computer Application courses, English, Mathematics, Statistics, Numerical Methods, Accountancy and Communication skills. • Knowledge of the current and emerging issues and developments within the Computer Applications and Networking. • Procedural knowledge required for performing and accomplishing professional tasks associated with the computer applications and networking.
	<p>Skills: The graduates should be able to demonstrate the acquisition of skills required to:</p> <ul style="list-style-type: none"> • Perform and accomplish complex tasks relating to the computer applications. • Evaluate and analyse ideas relating to solve various problems using software. • Generate computing solutions to problems pertaining to various domains.
	<p>Application of Knowledge & Skills: The graduates should be able to demonstrate the ability to:</p> <ul style="list-style-type: none"> • Apply the acquired specialized, technical and theoretical knowledge, cognitive and practical skills to solve problems using systems. • Calibrate learnt concepts and skills to undertake project work. • Apply knowledge and skills to provide computer based solutions for specific problems • Employ the right approach and software engineering methodologies to generate solutions to problems related to the chosen domains .
	<p>Generic Learning Outcomes: The graduates should be able to demonstrate the ability to:</p> <ul style="list-style-type: none"> • To critically evaluate evidence for taking actions to generate software solutions to the problems of various domains. • Gather and interpret relevant quantitative and qualitative data to identify problems in various domains to provide software solutions. • Listen, read, practice skills and present the information related to the course in a concise and clear manner. • Meet one's own learning needs related to the programme • Pursue self-paced and self-directed learning to upgrade knowledge and skills that will adapt to changing demands at workplace. • Will get prepared to undertake post graduate studies. • Communication skills in writing and verbal. • Make coherent arguments to support the software solutions provided.
	<p>Constitutional, Humanistic, Ethical, and Moral Values: The graduates should be able to demonstrate the willingness to:</p> <ul style="list-style-type: none"> • Identify ethical issues related to the computer applications. • Formulate coherent arguments about ethical and moral issues, including environmental and sustainable development issues from multiple perspectives. • Develop an inclusive approach towards all learners of varying abilities and backgrounds.

	<ul style="list-style-type: none">• Develop empathy towards the learners reflecting in the teaching- learning practices..• Practice team work and mutual respect towards learners and colleagues.• Follow ethical practices in developing the projects.• Imbibe values of good citizenry, equality, and justice.
	<p>Employability & Entrepreneurship skills: The graduates should be able to:</p> <ul style="list-style-type: none">• Possess the knowledge and skills to develop software and hardware solutions to problems of various domains.• Identify and create suitable self employment and free-lancing opportunities• Provide consultancy for software development and networking solutions.• Provide lifelong learning knowledge and skills for the continuous professional development of functionaries working in the computer applications and networking.• Independently undertake software development and networking projects.