Bachelor of Computer Applications (B.C.A.) Programme
Program Specific Outcomes (PSOs)

	Degree holders possess knowledge of:	PO 01	PO 02	PO 03	PO 04	PO 05	PO 06	PO 07	PO 08	PO 09	PO 10	PO 01	PO 12	PO 13	PO 14
KNOWLEDGE	PS001: A number of recurring themes, and a set of general principles that have broad application tothe field of computer science	√													
	PS002: The professional, legal, ethical, security, social and cultural issues and responsibilities inherent in the discipline of computing.	√													
	PS003: The software systems are used in many different domains. This requires both computing skills and domain knowledge	√	√												
	PS004: Software development fundamentals, including programming, data structures, algorithms and Complexity	√	√	√											
	PS005: Systems fundamentals, including architectures and organization, operating systems, networking and communication, parallel and distributed computation, and security	√	√	√											
	PS006: Mathematics fundamentals, including discrete structures, statistics and calculus	√	√	√											
	PS007: Software engineering fundamentals, including software analysis and design, evaluation andtesting, and software engineering processes	√	√	√											
	PS008: Application fundamentals, including information management and intelligent applications	√	√	√											
	PS009: Multiple programming languages, paradigms, and technologies	√	√	√											
	Degree holders can apply the methods and procedures as follows:														
SKILLS	PS010: Know how to apply the knowledge they have gained to solve real issues as they will have the ability to analyse a problem, and identify and define the computing requirements [including mathematical] appropriate to its solution.				√			√		√					
	PS011: Realize that thereare multiple solutions to a given problem and these solutions will have a real impacton people's lives						√								
	PS012: Communicate their solution to others, including why and how a solution solves the problem and what assumptions were made						√								
	PS013: Successfully apply the knowledge they have gained through project experience as they will have the ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.					√	√	√							
	PS014: Encompass an appreciation for the structure of computer systems and the processes involved in their construction and analysis						√				√				
	PS015:Understand individual and collective responsibility and individual limitations as well as the limitations of technical tools						√	√	√		√				
	PS016: Understand the range of opportunities and limitations of computing										√				

	Degree holders can apply their knowledge and skills, as follows:														
COMPETENCE	PSO17: Understand the multiple levels of detail and abstraction											√			
	PSO18: Recognize the context in which a computer system may function, including its interactions with people and the physical world.											√			
	PSO19: Able to communicate with, and learn from, experts from different domains throughout their careers											√			
	PSO20: Possess a solid foundation that allows and encourages them to maintain relevant skills as the field evolves											√	√		
	PSO21: To be able to manage their own career development and advancement											√			√
	PSO22: Manage their own learning and development, including managing time, priorities, and progress												√		
	PSO23: Have developed interpersonal communication skills as part of their project experience													√	
	PSO24: Work effectively both individually and as members of teams													√	
	PSO25: Make effective communication / presentations to a wide range of audiences about technical problems and their solutions													√	√
	PSO26: Encompass an appreciation of the interplay between theory and practice														√