

Bachelor of Computer Science (B. Sc) 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 to the 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 and testing, 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 there are multiple solutions to a given problem and these solutions will have a real impact on 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											√				

