S.5. The Objectives of the Program have the expected outcomes in terms of competencies (skills and knowledge), values and other attributes of the graduates which include the development of

S.5.6 Aesthetic and cultural values

6.3 **Specific to a sub-discipline and a major**

A. Bachelor of Science in Computer Science (BSCS)

Graduate Attribute	Graduate Outcomes Code	Graduate Outcomes
Knowledge for Solving Computing Problems	CS01	Apply knowledge of computing fundamentals, knowledge of a computing specialization, and mathematics, science, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.
Problem Analysis	CS02	Identify, analyze, formulate, research literature, and solve complex computing problems and requirements reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines
Design/Development of Solutions	CS03	An ability to apply mathematical foundations, algorithmic principles and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices
	CS04	Knowledge and understanding of information security issues in relation to the design, development and use of information systems
	CS05	Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
Modern Tool Usage	CS06	Create, select, adapt and apply appropriate techniques, resources and modern computing tools to complex computing activities, with an understanding of the limitations to accomplish a common goal
Individual & Team Work	CS07	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings
		Communicate effectively with the computing community and with