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Overview

At Salim Habib University (SHU), we offer a BS program in Computer Science that is pursuant to the latest technological trends. Consistent with our vision to be a leader in innovation, research, and dissemination of knowledge, we aspire to impart education in an effective and contemporary manner so that our students can cope up with the rapid changes in the market needs. The curriculum of the offered program involves the study of data and data structures and the algorithms to process these structures; of principles of computer architecture, both hardware and software; of addressing particular challenges in areas such

as robotics, computer vision, artificial intelligence, or digital forensics; and of language design, structure, and translation technique. Our faculty consists of members with local and international research and industry experience.

The Computer Science department at SHU offers a flexible study environment where students are empowered to focus on the interdisciplinary/specialized areas of their choosing.

The Department of Computer Science offers an exceptional blend of theoretical research and extensive practical training. It transforms students into skillful professionals ready to take up real-world challenges in the industry.

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BS Computer Science

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Vision

To become a premier institution in the field of computing through education and research, innovative technology, and impactful contributions by teaching and research to serve society.

Mission

Our mission is to produce graduates who are capable of taking a lead in creating a knowledge-based economy by solving real-life problems.

Objectives

Our graduates:

- Understand basic principles that underlie modern computational technology and are proficient in using it.
- Are capable of creatively applying their understanding of principles of computer science to solve challenging problems.
- Exhibit leadership qualities with excellent communication skills and the ability to function effectively as part of a team.
- Demonstrate ethical responsibility in professional endeavors.

We also aim to create an environment that is conducive to professional growth through carrying out research projects and undergoing training.