

## Faculty



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## ➤ BS COMPUTER SCIENCE

Department of **Computer Science**  
FACULTY OF INFORMATION TECHNOLOGY

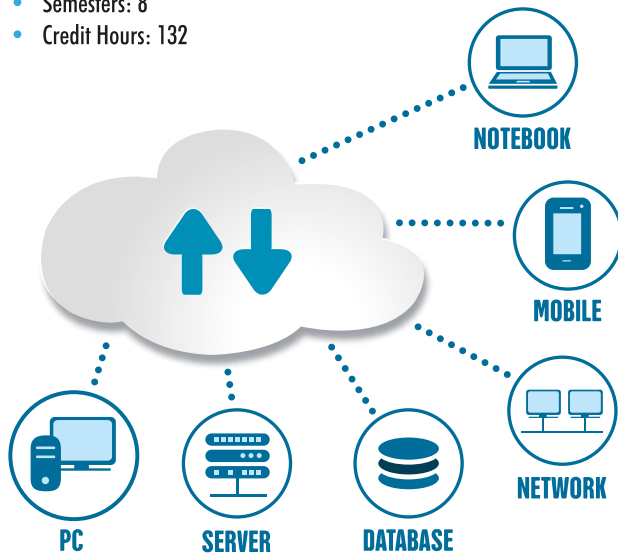
## BS Computer Science

The Department of Computer Science at BHU offers an exceptional blend of theoretical research and extensive practical training. It molds its students into skillful professionals ready to take up real-world challenges in the industry. We offer cutting edge interdisciplinary tracks that combine applications of computer science in the fields of Business Administration, Pharmaceutical Science, Computational Biology and Environmental Sciences. After completion of BS Computer Sciences, our students will:

- Demonstrate a sound understanding of computing fundamentals with an ability to exercise critical judgment across a range of related issues.
- Critically analyze and design solutions for complex computing problems with best practices and use of modern tools and techniques.
- Function and communicate effectively as an individual and as a leader/member of a team having understanding of professional ethics and social responsibility.
- Adapt technological advancements through active participation in life-long learning to serve society.

## Degree Offered

- BS Computer Science
- Duration: 4 Years
- Semesters: 8
- Credit Hours: 132



## Eligibility Criteria

- Have 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics certified by IBCC
- Qualify Aptitude Test and Interview

## Tracks Offered

- Artificial Intelligence
- Software Engineering
- Networks and Security
- Data Science
- Technology Entrepreneurship

## Internship Opportunities

- Software Houses
- Technology Incubators
- E-Commerce Startups
- Pharmaceutical Companies
- Financial Institutions/Banks
- Manufacturing Industry
- Multinational Corporations

## Career Prospects

- Technology Entrepreneur
- Data Scientist/Machine Learning & Artificial Intelligence
- Game Developer/Graphics Designer
- Mobile Application/Web Developer
- Software Engineer
- Ethical Hacker
- Information System Security Analyst
- Information System Auditor/Manager
- Network and System Administrator
- Business Intelligence Developer/Analyst
- Full Stack Developer

## Computing Resource

BHU computer labs provide access to computing resources and a variety of software in support of learning and creative endeavor. Students will have access to networked computers, professional software suites, scanners, printers, and related equipment. Labs are well equipped with an on-site consultant to assist with the equipment and software.

## Library

BHU meets the requirement of its students, academics and its research community with a wide range of library services including original text books, e-books, hard copy of research Journals, e-journals of international repute and digital library.

## Extracurricular Activities

BHU takes pride in providing its students and staff with some of the best sports facilities in the country. These include gymnasium, outdoor football field, swimming pool, squash courts, badminton and basketball courts, indoor table tennis court, and state of the art fitness center.

