

# Online BCA in Computer Science & IT

An Online BCA in Computer Science & IT offers comprehensive education in computing and information technology fundamentals. This program, delivered entirely online, covers topics like programming, database management, networking, and software development. Students gain practical skills through virtual labs and real-world projects, learning to solve IT problems and develop innovative software solutions. The curriculum is designed to provide a strong foundation in computer science's theoretical and practical aspects. Ideal for those looking to pursue careers in IT and related fields, this degree offers the flexibility to study from anywhere, equipping graduates with essential technical expertise.

## Syllabus of Online BCA in Computer Science & IT

<b>1<sup>st</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>	<b>2<sup>nd</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>
Communication Skills	Discrete Mathematics
Applied Mathematics	Relational Database Management Systems
Introduction to Computer Architecture	Operating Systems Using Linux
Data Structures	Computer Networks
Programming in C	Technology for Business
Quantitative Techniques	Communicative English
C – LAB	

<b>3<sup>rd</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>	<b>4<sup>th</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>
Computational Statistics	Internet of Things
Design & Analysis of Algorithms	Data Mining
Python Programming	Web Technologies
Cloud Computing Foundations	Object Oriented Programming using JAVA
Environmental Science	Entrepreneurship
Python Programming – Lab	

<b>5<sup>th</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>	<b>6<sup>th</sup> Semester Syllabus of Online BCA in Computer Science &amp; IT</b>
Software Engineering	IT Laws & Cybersecurity
Business Management	Introduction To Business Analytics
Mobile Application Development	Ethics and Values
Research Methodology	Project
Personal and Managerial Effectiveness	

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