



Srinivas University

NAAC A, UGC-Entitled

BCA (Hons.)

Type

Ug Program

Mode

Online

Duration

4 Years

Total fees

₹ 80,500

Srinivas University

Srinivas University, Mangaluru, is a UGC-recognised and NAAC 'A' accredited private university established in 2013. The university offers a range of online, distance, and work-integrated programs designed for students and working professionals. Its online learning programs focus on flexibility, industry-relevant curriculum, digital learning resources, skill development, and career growth. With programs across areas such as Management, Commerce, Computer Applications, and other professional disciplines, Srinivas University aims to make higher education accessible and career-focused for learners seeking flexible study options.

BCA (Hons.)

Highlights

- ◆ Flexible online learning
- ◆ Live and recorded classes
- ◆ Industry-relevant curriculum
- ◆ Programming and software development focus
- ◆ AI, Cloud Computing and Cyber Security exposure

Learning outcomes

- ◆ Build a strong foundation in programming and computer applications.
- ◆ Gain practical skills in software, web, and database development.
- ◆ Learn emerging technologies such as AI, Cloud, Data Science, and Cyber Security.
- ◆ Strengthen problem-solving, logical thinking, and technical skills.
- ◆ Prepare for IT careers and higher studies.

Eligibility Criteria

A candidate with PUC/10+2 Commerce/Science/Arts or 3-year Diploma or 2- year JOC /ITI with IT/Computer science related subjects shall be eligible.

Passed and graded in 10+2 (or) Diploma programs will be required

In case of non- cognate students (from non – Computer Science background) a bridge course on Foundations of Mathematics and Computer Applications (Hons.) will be administered in addition to the 1st criteria

Curriculum Overview

Semester I (8 subjects)

- | | |
|--|--------------------------------------|
| ◆ Foundation of Information Technology (T+L) | ◆ Communicative English I |
| ◆ Problem-Solving using C (T+L) | ◆ Fundamentals of Python Programming |
| ◆ Basics of Internet and Web Design | ◆ ESEP with Mathematics |
| ◆ Information System/Travel and Tourism Management | ◆ Environmental Studies |



Curriculum Overview (continued)

Semester II (8 subjects)

- ◆ Object Oriented Programming (T+L)
 - ◆ Database Management and MYSQL (T+L)
 - ◆ Computer Organization
 - ◆ Introduction to Data Science/AI in Business Administration
 - ◆ Digital Banking and Payments
 - ◆ Introduction to AI & Cloud Computing
 - ◆ Health & Wellness
 - ◆ Digital Fluency
-

Semester III (8 subjects)

- ◆ Data Structures using C++ (T+L)
 - ◆ HTML, VB Script and Java Script (T+L)
 - ◆ Operating Systems
 - ◆ Customer Relationship Management / Human Resources Management
 - ◆ Introduction to Big Data, Hadoop & Ecosystem
 - ◆ Introduction to Machine Learning
 - ◆ Google Cloud Basics
 - ◆ Constitution of India
-

Semester IV (7 subjects)

- ◆ Programming in Core Java (T+L)
- ◆ Introduction to Dev Ops (T+L)
- ◆ E-Commerce
- ◆ Introduction to Robotics
- ◆ Neural Networks (T+L)
- ◆ Introduction to Ethical Hacking
- ◆ Fundamentals of Data Virtualization



Curriculum Overview (continued)

Semester V (7 subjects)

- ♦ Web Application Using MERN Stack (T+L)
 - ♦ LAMP Technology (T+L)
 - ♦ Discipline Specific Elective (Minor) - 1
 - ♦ Discipline Specific Elective (Major) - 1
 - ♦ Discipline Specific Elective (Minor) - 2
 - ♦ Discipline Specific Elective (Major) - 2
 - ♦ Design Thinking & Agile Methodologies
-

Semester VI

Internship Embedded Project Work & Viva Voce (or) Research & Dissertation

Semester VII (6 subjects)

- ♦ Linux System Administration
 - ♦ Advanced Java
 - ♦ Research Methodology
 - ♦ Software Engineering
 - ♦ Big Data Analytics
 - ♦ Augmented Reality
-

Semester VIII (1 subject)

- ♦ Internship Embedded Project Work & Viva Voce
(or) Research Work & Dissertation

Fee Structure

Fee heads	Year 1	Year 2	Year 3	Year 4	Total
Bachelor of Computer Applications (Hons.) Year 1 Year 2 Year 3 Year 4 Registration Fee	₹ 500	—	—	—	₹ 500
Exam Fee	₹ 2,000	₹ 2,000	₹ 2,000	₹ 2,000	₹ 8,000
Program Fee	₹ 18,000	₹ 18,000	₹ 18,000	₹ 18,000	₹ 72,000
Total	₹ 20,500	₹ 20,000	₹ 20,000	₹ 20,000	₹ 80,500