



# SRINIVAS UNIVERSITY

Srinivas Nagar, Mukka– 574 146, Mangalore, Karnataka, Phone :0824-2477456  
(State Private University Established by Karnataka Govt. ACT No.42 of 2013, Recognized by  
UGC, New Delhi, & Member of Association of Indian Universities, New Delhi)

Web :[www.srinivasuniversity.ac.in](http://www.srinivasuniversity.ac.in), Email: info@srinivasuniversity.ac.in

**Administrative Office :GHS Road, Mangalore-01, Phone 0824-2425966**

## **COLLEGE OF COMPUTER & INFORMATION SCIENCE** **Bachelor of Computer Application (BCA–Cloud Computing, Ethical Hacking and Cyber Security)**

**Duration:** 3 years, Six semesters. (Admissions open for the academic year 2021-22 )

**Eligibility:** Pass in the 10+2 /12th standard with minimum 40% marks. Admission needs valid score in SUAT

**Course is offered at College of Computer & Information Science  
Srinivas Nagar, Mukka, Mangalore– 574146. Phone :0824-2477456.**

### **About BCA (Cloud Technology and Information Security):**

The introduction of internet was a major milestone in the history of mankind that led to information revolution. Increased use of internet is connecting people and business organizations like never before and there is huge volume of data generated every second across the world. Organizations have been on the lookout for solutions that can help them manage data on digital platform. Cloud technology is an innovation which has made it easy to store, retrieve and communicate huge volumes of data. On the other hand, the increased use of internet for communicating information has also raised the risk of data security breach. Companies have emphasized on the need for protection of information in the wake of security breach incidents. The BCA Cloud Technology and Information Security program offered by Srinivas University focuses on preparing students in new-age IT domains. With knowledge in these domains, students can see greater success during their professional career.

This degree program, which offers dual specialization in Cloud Technology and Information Security, provides a unique value proposition by combining the important subject areas in each of these new-age fields of study and providing an integrated learning platform. Information Security is often synonymously used as Cyber Security. The program offers a wide range of technical and programming skill sets that complement the specialization subjects on Cloud and Security.

This program is primarily aimed at offering flexibility for students in making their own career choices in Programming or Cloud or Information Security, thus bringing unique set of value proposition. Through this program students are empowered to compete for Programming, Cloud and Security based job profiles thus significantly improving their employment quotient.

### **Special Features of the Program:**

- Classes will be held between 9.00 am and 2.00 pm with half an hour break during week days.
- E-Study material will be provided from the college for every subject according to the syllabus.
- Industry oriented syllabus with special focus on experimental learning.
- Mini project in each semester.
- Campus recruitment facility and higher education opportunity leading to MCA and MBA.
- Innovations in examination system with opportunity to see the evaluated papers in person.
- 50% weightage of marks on continuous evaluation and 50% weightage on semester end exam.
- Make-up exams in every semester to avoid year loss.
- Placement support and research oriented projects for every student.
- Focus on smart skill development and training for competitive exams.
- Separate Hostels & Transport facility for boys & Girls.

### **Career Opportunities:**

Cloud Operations Engineer, Cloud Network Engineer, Cloud Administrator, System Administrator and Application Developer, Cyber Security Analyst/Specialist, Analyst –End point Security, Analyst –Security Ops Center & SIEM, Penetration tester/ Ethical Hacker and Analyst-Web Application Security, Security Engineer, Cyber security forensic analyst.

## Programme Structure :

Type	Subjects	Type	Subjects
DSC - 1	Problem Solving using C & Lab	DSC- 2	Introduction to Cloud Computing
DSE - 1	Foundation of Information Technology & Lab	DSE-2	Object Oriented Programming
GEC - 1	Basics of Internet and Web Design	GEC-2	Operating System
L - 1	Communication English I	L - 3	Communication English II
L - 2	Kannada/Hindi/ any other	L - 4	Hindi/Malayalam
SEC-1	Digital Fluency	SEC -4	ESEP II
SEC-2	ESEP I	SEC-5	Minor Project
ECA-1	Health & Wellness / Social & Emotional Learning (NSS & Yoga/ Games & Music/	ECA-2	Health & Wellness / Social & Emotional Learning (NSS & Yoga/ Games & Music/
SEC-3	Minor Project		
L - 3	Kannada		
Total Credits	28	Total Credits	28
Total Marks	750	Total Marks	750

JOIN ABOVE INNOVATIVE BCA(BCA-Cloud Computing, Ethical Hacking and Cyber Security)

PROGRAMME WITH INDUSTRY RELEVANCE AND  
JOB ORIENTED SYLLABUS TO RE-DEFINE YOUR CAREER ALTITUDE!!!

**College of Computer & Information Science**

CREATING INNOVATORS



SRINIVAS UNIVERSITY

Educating the Next Generation