



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)

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

COLLEGE OF COMPUTER & INFORMATION SCIENCE **Bachelor of Computer Application (BCA–Mobile Applications and** **Information Security)**

Duration:3 years, Six semesters. (Admissions open for the batch 2018-19)

Eligibility:Pass in the 10+2 examination in Science or Commerce or Arts from PUC/ISC/CBSE or equivalent board or a course recognised as equivalent thereto by the University.

Course is offered at College of Computer & Information Science
City Campus, Pandeshwar, Mangalore– 575 001.Phone : 0824-2441022.

About BCA (Mobile Applications and Information Security):

Bachelor of Computer Applications is a 3-year undergraduate program spread over six semesters. The course is designed to bridge the gap between IT industries and academic institutes by incorporating the latest technologies into the curriculum and to give students a complete understanding within a structured framework. The curriculum supports students to gain adequate knowledge of programming practices along with theoretical foundation and also includes interdisciplinary courses and electives for enhancing the domain expertise. The curriculum also provides an environment to work on minor projects in every semester to gain the knowledge of the real world IT requirements. State-of-the-art infrastructure provides an excellent learning environment in the IT development and management sector.

This degree program with dual specialization in Mobile Applications and Information Security offers 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 Mobile and Security.

This program is primarily aimed at offering student's flexibility in making their own career choices in programming or mobile or information security, thus bringing unique set of value proposition. Through this program students are enabled to compete for Programming, Mobile 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.
- Earn while you learn opportunity in Retail/BPO/Software companies during evening time.

Career Opportunities:

Software Engineer ,Test Engineer,iOS Developer ,Android Developer, UI Developer, Cyber Security Analyst/Specialist , Analyst –End point Security, Analyst –Security Ops Centre & SIEM, Penetration tester/ Ethical Hacker and Analyst-Web Application security, Security Engineer ,Cyber security forensic analyst .

Programme Structure :

SEMESTER 1			SEMESTER 2		
S. No	Subjects	Marks	S. No.	Subjects	Marks
1	Professional Communication II	100	1	Written Communication	100
2	Foundation of Information Technology	100	2	Basics of Networking	100
3	Computer Organization	100	3	Database Management using Mysql	100
4	Programming Language C++	100	4	Data Structure using C++	100
5	Lab on FIT	100	5	Lab on Mysql	100
6	Lab on C++	100	6	Lab on DS	100
7	Indian Constitution	100	7	Basic Mathematics & Statistics	100
8	Hindi/Kannada/Malayalam	-	8	Hindi/Kannada/Malayalam	-
	Total Marks	700		Total Marks	700
SEMESTER 3			SEMESTER 4		
1	Java Programming	100	1	Security Threats and Trends	100
2	Operating System	100	2	Javascript	100
3	HTML & CSS	100	3	Ethical Hacking	100
4	Information Security Fundamentals	100	4	Employability Skills	100
5	Mobile Device and Network Architecture	100	5	Basic Android Programming	100
6	HTML & CSS Lab	100	6	Ethical Hacking Lab	100
7	Java Programming Lab	100	7	Basic Android Programming Lab	100
		700			700
SEMESTER 5			SEMESTER 6		
1	Digital Forensics and Investigation	100	1	Project Work / Dissertation carrying 18 credits Marks 500	500
2	Mobile, Wireless and VOIP Security	100	2		
3	Advanced Android Programming	100	3		
4	Object Oriented Analysis and Design	100	4		
5	Elective-I (Python Programming / Android Security)	100	5		
6	Digital Forensics and Investigation Lab	100	6		
7	Advanced Android Programming Lab	100	7		
8	Mini project	50	8		
	Total Marks	750		Total Marks	500

JOIN ABOVE INNOVATIVE BCA (Mobile Applications and Information 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