



SRINIVAS UNIVERSITY

Srinivas Nagar, Mukka- 574 146, Surathkal, Mangalore, Phone :0824-2477456
(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, Email: info@srinivasuniversity.ac.in

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

COLLEGE OF COMPUTER & INFORMATION SCIENCE **Bachelor of Computer Application (BCA) in Data Analytics & Cloud Computing**

Duration : 3 years, six semesters (Admissions open for the batch 2017-18)

Eligibility : Pass in 10 + 2 / 12th Standard with minimum 50% marks. Admission needs valid score in SUAT.

Course is offered at College of Computer & Information Science

City Campus, Pandeshwar, Mangalore- 575 001. Phone : 0824-2441022

This programme was previously offered by Srinivas Institute of Management Studies (SIMS), Pandeshwar, Mangalore since 2006 recognized by AICTE, New Delhi and Accredited with 'A' Grade by NAAC.

About the Course :

Srinivas University's Bachelor of Computer Applications in Data Analytics & Cloud Computing is an advanced undergraduate program nurtures the students to become young IT professionals with 21st century IT skill requirements. The course is designed to bridge the gap between industries and academic institutions by incorporating the latest technologies into the curriculum. State-of-the-art infrastructure provides an excellent learning environment in the IT development and management sector. Bachelor of Computer Applications in Data Analytics & Cloud Computing is a three year undergraduate programme that is spread across six semesters. The goal of the Bachelor of Computer Applications (BCA- Data Analytics & Cloud Computing) program is to prepare students for careers in IT enabled businesses and the information communication technology skills required to handle big data. The curriculum supports students to gain adequate programming practices along with theoretical foundation and also includes interdisciplinary courses and electives for widening the domain expertise. The curriculum also provides an environment to develop the minor project at every semester to gain the knowledge of IT requirements in Big data management.

Special Features:

- Classes will be held between 9.00 am to 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 & MBA.
- Innovations in examination system with opportunity for personal seeing of evaluated papers.
- 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 & training on competitive exams.
- Separate Hostels & Transport facility for boys & Girls.
- Earn while Learn Opportunity in Retail/BPO/Software companies during evening time.

Career Opportunities:

Every large corporation, in private or public sector, now need Analytics professionals, with specific assignments at entry/mid/senior level depending upon your qualifications, skill set proficiencies as well as analytic experience. IT companies are briskly hiring these skilled professionals to be assigned

for client projects, cutting across functional as well as vertical domains. Your best option is to join BCA in Data Analytics & explore on to such huge opportunities out there in various chosen domains, be it Banking, Financial Services, Healthcare, Retail, Telecom or Manufacturing etc.

Programme Structure :

SEMESTER 1			SEMESTER 2		
S. No	Subjects	Marks	S. No.	Subjects	Marks
1	Professional Communication I	100	1	Professional Communication II	100
2	Foundation of Information Technology	100	2	Python Programming for Analytics	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 Database management	100
7	Indian Constitution & Environmental Studies	100	7	Basic Mathematics & Statistics	100
8	Hindi/Kannada/Malayalam	-	8	Hindi/Kannada/Malayalam	-
		700			700
SEMESTER 3			SEMESTER 4		
1	Basic Programming & Applications in R	100	1	Advanced Java Programming	100
2	Programming in Core Java	100	2	Big Data Analytics Using Spark & Scala	100
3	Operating Systems	100	3	E-Commerce	100
4	HTML, VB Script and Java Script	100	4	Web Development using ASP.NET & Wordpress	100
5	Lab on Java	100	5	Lab on Advance Java	100
6	Lab on HTML, VB Script and Java Script	100	6	Lab on Wordpress, ASP.NET	100
7	Data Mining for Analytics	100	7	Data Analytics using Hadoop, Mapreduce & Data visualization using Tableau	100
8	Team Project	50	8	Team Project using Excel	50
		750			750
SEMESTER 5			SEMESTER 6		
1	Software Project Management	100	1	Project Work Analytics Application / Dissertation carrying 18 credits Marks 500	500
2	Linux Environment	100	2		
3	LAMP Technology	100	3		
4	Distributed Computing	100	4		
5	Data Analytics using SAS	100	5		
6	Descriptive Statistics & Machine Learning	100	6		
7	Lab on LAMP	100	7		
8	Lab on DC	100	8		
9	Team project on Google analytics	50	9		
	Total Marks	750		Total Marks	500

JOIN ABOVE INNOVATIVE BCA (Professional) 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