



SRINIVAS UNIVERSITY

Srinivas Nagar, Mukka– 574 146, Surathkal, Mangalore, 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, Email: info@srinivasuniversity.ac.in

COLLEGE OF COMPUTER & INFORMATION SCIENCE

M.Phil. in Data Analytics & Cloud Computing

(Evening Program, Tuesday to Thursday)

Eligibility : MCA, M.Tech. (CS/IT/EC), & M.Sc. (Maths/CS/Electronics, Stat,) Graduates
any UGC recognized University with 50 % Marks

Duration : One year (3 Trimester Program)

**The classes will be held at College of Business Management & Commerce
City Campus, Pandeshwar, Mangalore– 575 001. Phone : 0824-2441022**

This College was previously named as Srinivas Institute of Management Studies (SIMS), Pandeshwar,
Mangalore since 1999, recognized by AICTE, New Delhi and Accredited with 'A' Grade by NAAC.

About the Course :

M.Phil. in Data Analytics & Cloud Computing is a super specialization course designed to meet growing needs of expertise required in 21st century for IT Management. The course contents are designed to cope the essentials of fundamental knowledge and advanced skills required to an effective decision maker in big data handling environment. By keeping the entry level as any postgraduates in Computer Science & related subjects, the course contents spreading three trimesters with 12 core subjects and one master industry level project lifts the participants to advanced level as multi-disciplinary backed decision makers. This will add strength to their lateral thinking beyond the imagination while handling critical situations in IT industries & IT enables Services industry to make optimum decisions in global big data & cloud computing environment. The course is offered to working professionals during evening time with weekly three days contact based training and other three days self-study through online distributed software/assignment work. The course also facilitates the postgraduates who want to grow quickly through identifying and encashing attractive opportunities or accelerated promotions in their job with an objective and true sense of creating innovators.

Why Data Analytics :

Business Analytics also known as Business Intelligence (BI) has become strategically important for every organisation to keep competitive advantage by extracting meaningful information from the flood of digital data collected by businesses, government, and scientific agencies. The recent years have seen explosive growth of digital data stored in computer databases. With continued innovation revolving around digital technologies, the Internet and mobile computing, the amount of data continues to grow exponentially. At this rate, there will soon be a shortage of talented analysts who can help organisations work with this much big data. McKinsey Global Institute's Big data: The next frontier for innovation, competition, and productivity estimates that by 2018, "the United States alone could face a shortage of 140,000 to 190,000 people with deep analytical skills as well as 1.5 million managers and analysts with the know-how to use the analysis of big data to make effective decisions". The earning opportunity through job & consultancy work for Business Analytics Experts is 5 to 10 times more than other professions in the society.

Course Structure :

S.No	SUBJECT	Marks	Study Hours
TRIMESTER 1			
1	Programming using Python (T&P)	100	40
2	R – Programming Fundamentals (T&P)	100	40
3	Data warehousing and Data Mining (T & P)	100	40
4	Big Data technologies	100	40
5	Database Systems in Big Data (T & P)	100	40
6	Mini Project	100	40
TRIMESTER 2			
1	Hadoop Distributed File Systems (T & P)	100	40
2	Map Reduce (T & P)	100	40
3	Big Data Analytics (T & P)	100	40
4	Data Mining Application with R (T & P)	100	40
5	Marketing & Social Media Analytics	100	40
6	Empirical Research & Scholarly Publication	100	40
TRIMESTER 3			
1	Project	600	-

Job Opportunities :

- Data Scientist
- Business Analyst Consultant
- Business Analyst Industry Expert
- Business Analyst Project Manager
- Data Analyst
- Data Analyst SAS Programmer
- Big Data Analyst
- Data Warehousing Expert
- Business Intelligence Expert
- Data Warehousing and BA Architecture
- Data Mining Expert
- Cloud Computing Consultants
- Accelerated Promotions in existing jobs



JOIN ABOVE INNOVATIVE M.Phil. in Data Analytics & Cloud Computing 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