



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

MASTER OF COMPUTER APPLICATION (M.C.A)

(2 years – 6 Trimesters programme through lateral entry admission)

Eligibility for Lateral Entry: Pass in BCA or B.Sc. (CS / IT) with minimum 50% marks.

Admission needs valid score in SUAT/KEA-PGCET

Course is offered at College of Computer & Information Sciences

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

This programme was previously offered by Srinivas Institute of Management Studies (SIMS), Pandeshwar, Mangalore since 1966 recognized by AICTE, New Delhi and Accredited with 'A' Grade by NAAC.

UNIQUE FEATURES

- ✓ Trimester Scheme in MCA offered first time in India with **dual specialization** including Big Data Analytics, Networks, Software engineering and Cloud Computing
- ✓ Daily classes will be scheduled between 9.00 am to 2.00 pm to allow students to work in industry.
- ✓ Industry oriented latest syllabus
- ✓ Trimester scheme allows students to learn 30 latest subjects during two years lateral entry course.
- ✓ Student involvement in Five software projects during two years course
- ✓ Dynamic, qualified and friendly teaching faculty with average experience of more than 15 years
- ✓ Support for Education Loan Facility from Leading Banks.
- ✓ MOU with IT industries to get students trained in latest technologies through certificate programs / workshops.
- ✓ Guest lecture series from IT professionals and additional certificate programmes in each semester.
- ✓ Course scheduled to complete final semester with Provisional Degree Certificate by 30th April.
- ✓ Participation/publication opportunity in two national conferences in IT & Management area organized by the institution.
- ✓ Opportunity to do M.Phil./Ph.D. and Dual Degree in MBA
- ✓ Institutional Study books /Materials prepared according to the Syllabus.
- ✓ Campus Placement Support with National & Multi-National Companies.
- ✓ Certificate courses on Network Management, Website Development, Network Routing Technologies and System Administration
- ✓ Syllabi of Network Routing Technologies and System Administration courses prepare students for CCNA certification.
- ✓ Specialization on Big Data Analytics/Cloud Computing/Networking/ERP
- ✓ Syllabus of Linux Administration subject prepares students for Red Hat Linux and Comptia Linux certifications.
- ✓ Syllabus of Oracle Subjects prepares students for Oracle International Certifications.
- ✓ One week Optional U.K./Malaysia trip with International Certification Programme.
- ✓ Earn while Learn Opportunity in Software/BPO companies in Mangalore during evening time.
- ✓ Scholarships based on merit and low income categories.

For Prospectus & Application form contact:

Secretary, A. Shama Rao Foundation, G.H.S Road, Mangalore. Phone: 0824-2425966
Principal, SIMS, Pandeshwar, Mangalore. Phone: 0824-2441022, 2411383.

MCA PROGRAMME OF SRINIVAS UNIVERSITY

M.C.A. is a professional degree course, considered to meet the rising demand for qualified professionals in the area of Information Technology and its applications. The course is designed towards current and emerging issues in IT and business and provides a solid theoretical background and excellent practical exposure to the students in programming, computational theory, network and database management, mobile technologies etc. to meet the growing manpower requirements of the Global IT Industry. The department has well qualified and experienced faculty members to handle the various subjects of the Master's program. It prepares the students to obtain the positions as System Analysts, Systems Designers, Programmers, Network engineers, Network Managers, Database administrators, IT Managers in any field related to Information Technology. The Alumni of the Computer Science department are all well placed in top positions of the major IT companies in India and abroad. The unique feature is that students will have the option of specializing in programming or networking field.

SUBJECTS FOR LATERAL ENTRY:

First Trimester	Second Trimester	Third Trimester
<ol style="list-style-type: none"> 1. RDBMS concepts with Oracle 2. Linux system administration 3. Web technologies 4. Business Communication and personality development 5. RDBMS & Linux Lab. 6. Web Technologies Lab 7. Seminar on IT Company Analysis 8. Workshop on Website Development using Word Press 	<ol style="list-style-type: none"> 1. Data Communication & Network protocols 2. .NET Framework and C# 3. Web programming with PHP 4. Management Functions 5. .Net Technologies Lab. 6. PHP Lab. 7. Mini Project on Website Development 8. Workshop on Internet Of Things 	<ol style="list-style-type: none"> 1. Networking and Routing Technologies 2. Enterprise Computing using JAVA & J2EE 3. Database Programming and Administration 4. Software Testing and Quality Assurance 5. Java & J2EE Lab 6. Database Programming Lab. 7. Mini Project on Window Development 8. Certificate course in Network Routing
Fourth Trimester	Fifth Trimester	Sixth Trimester
<ol style="list-style-type: none"> 1. Finite Automata and Compiler Design 2. Mobile Application Development using Android <p>Specialization I – Cloud Computing</p> <ol style="list-style-type: none"> 3. Cloud Architecture & Network Management 4. Cloud Storage Infrastructure <p>Specialization II – Data Analytics</p> <ol style="list-style-type: none"> 3. Data Mining & Data Warehousing 4. Data Mining Application with R 5. Compiler Design Lab 6. Android Lab. 7. Mini Project on Web Application using PHP 8. Certificate course in Cyber Crime and Digital Forensics 	<ol style="list-style-type: none"> 1. E-Commerce and Cyber Security 2. Programming with Python <p>Specialization I – Cloud Computing</p> <ol style="list-style-type: none"> 3. Cloud Security 4. Cloud Strategy Planning and Management <p>Specialization II – Data Analytics</p> <ol style="list-style-type: none"> 3. Database Systems in Big Data 4. Hadoop Distributed File Systems 5. Software Testing Lab 6. Python lab. 7. Self Designed Course <p>Cloud Computing :</p> <ol style="list-style-type: none"> a. Cloud Application Development b. Application Development Framework <p>Data Analytics :</p> <ol style="list-style-type: none"> a. Map Reduce b. Big Data Analytics 8. Certificate course in Windows Server Administration 	<p>Project Work & Dissertation</p> <ol style="list-style-type: none"> 1. Project Planning 2. Project Design & Development 3. Project Testing 4. Project Reporting 5. Project Presentation & Viva 6. Placement Support <p>Note: Subjects may change depending on industry requirements and decision of MCA department is final and binding.</p> <p>The Calendar of the Programme is planned in such a way that all successful students will get Provisional Degree Certificate by 30th April.</p>

**Date of Srinivas Admission Test for MCA admission will be notified in Srinivas University Website
JOIN ABOVE INNOVATIVE MCA PROGRAMME WITH INDUSTRY RELEVANCE AND
JOB ORIENTED SYLLABUS TO RE-DEFINE YOUR CAREER ALTITUDE!!!**

School of Computer & Information Sciences



CREATING INNOVATORS



SRINIVAS UNIVERSITY

Educating the Next Generation