



# SRINIVAS UNIVERSITY

Srinivas Nagar, Mukka– 574 146, 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.edu.in](http://www.srinivasuniversity.edu.in), Email: [admission@srinivasuniversity.edu.in](mailto:admission@srinivasuniversity.edu.in)

**Administrative Office: GHS Road, Mangalore-01, Phone 0824-2425966, 2412382**

## COLLEGE OF COMPUTER SCIENCE AND INFORMATION SCIENCE MCA Programme – Dual Specialization

1. Networking & Software Development 2. Data Science/Cloud Computing with IOT  
**ADMISSION OPEN**

**Duration:** Two years, 4 Semester Programme

**Eligibility:** BCA or B.Sc. (CS / IT) or any Bachelors Degree (with Maths in 10+2) of UGC recognized University with 50 % marks

Admission needs valid score in SUAT/KMAT/KEA-PGCET

**The classes will be held at College of Computer Science and Information Science City Campus, Pandeshwar, Mangalore– 575 001. Phone: 0824-2441022, 2422851**

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

### UNIQUE FEATURES

- ✓ Industry friendly latest syllabus.
- ✓ Dynamic, qualified and friendly teaching faculty with 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 20<sup>th</sup> April.
- ✓ Continuous Evaluation through Choice Based Credit Based Semester System.
- ✓ Participation/publication opportunity in two national conferences in IT & Management area organized by the institution.
- ✓ Opportunity to do M.Phil./M.Tech. (By Research)/Ph.D.
- ✓ Institutional Study Materials prepared according to the Syllabus.
- ✓ Campus Placement Support with National & Multi-National Companies.
- ✓ Specialization on Big Data Analytics/Cloud Computing and IOT.
- ✓ Syllabi of Big Data Analytics course prepares students for DELLEMC certifications.
- ✓ Syllabi of Network Routing Technologies courses prepare students for CCNE certifications.
- ✓ Syllabi of Linux Administration subject prepares students for RedHatLinux and Comptia Linux certifications.
- ✓ Syllabi of Database programming subject prepares students for Oracle international certifications from Oracle University.
- ✓ One week Optional U.K. trip with certification programme in productivity and innovation.

### For Prospectus & Application form contact:

Secretary, A. ShamaRaoFoundation, 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.

### Syllabus:

First Semester	Second Semester
<b>Core Subjects</b> <ol style="list-style-type: none"><li>1. RDBMS concepts with Oracle</li><li>2. Linux system administration</li><li>3. .NET Framework and C#</li><li>4. Web Frameworks</li><li>5. Innovation and Entrepreneurship</li><li>6. RDBMS &amp; Linux Lab</li><li>7. .Net Technologies Lab</li><li>8. Web Framework Lab</li></ol> <b>Non-Core Subjects</b> <ol style="list-style-type: none"><li>9. Professional Communication and Ethics</li><li>10. Employability Skill Development - I</li></ol>	<b>Core Subjects</b> <ol style="list-style-type: none"><li>1. Network Management</li><li>2. Database Programming and Administration</li><li>3. JAVA &amp; J2EE</li><li>4. Cyber Security</li><li>5. Network Simulation Lab</li><li>6. Database Programming Lab</li><li>7. JAVA &amp; J2EE Lab</li></ol> <b>Specialization Subjects</b> <ol style="list-style-type: none"><li>8. Big Data Analytics Or Cloud Computing</li></ol> <b>Non-Core Subjects</b> <ol style="list-style-type: none"><li>9. Building Startups</li><li>11. Employability Skill Development - II</li></ol>
Third Semester	Fourth Semester
<b>Core Subjects</b> <ol style="list-style-type: none"><li>1. Android Application Development</li><li>2. Compiler Design</li><li>3. E-Commerce Development using Magneto</li><li>4. Sales force Development using Cloud</li><li>5. Android Lab</li><li>6. Compiler Design Lab</li><li>7. E-Commerce Lab</li></ol> <b>Specialization Subjects</b> <ol style="list-style-type: none"><li>8. Machine Learning Or Internet of Things</li></ol> <b>Non-Core Subjects</b> <ol style="list-style-type: none"><li>9. Mini Project</li><li>10. Employability Skill Development - III</li></ol>	<ol style="list-style-type: none"><li>1. Internship/ SWAYAM course</li><li>2. IT Company Analysis &amp; Poster presentation</li><li>3. Project Work &amp; Dissertation<ol style="list-style-type: none"><li>➤ Project Planning</li><li>➤ Project Design &amp; Development</li><li>➤ Project Testing</li><li>➤ Project Reporting</li><li>➤ Project Presentation &amp; Viva</li><li>➤ Placement Support</li></ol></li></ol>

**JOIN ABOVE INNOVATIVE MCA PROGRAMME WITH INDUSTRY RELEVANCE AND  
JOB ORIENTED SYLLABUS TO RE-DEFINE YOUR CAREER ALTITUDE!!!**

**College of Computer & Information Sciences**



**CREATING  
INNOVATORS**



Approved by UGC, New Delhi