

<http://www.smude.edu.in/MCA>
<http://www.smude.edu.in/MScCS>
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MASTER OF COMPUTER APPLICATIONS (MCA)

MASTER OF SCIENCE IN COMPUTER SCIENCE M.Sc (CS)

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)

Program Structure

First Semester		
Sub. Code	Subject Title	Credits
MC0061	Computer Programming "C Language"	4
MC0062	Digital Systems, Computer Organization & Architecture	4
MC0063	Discrete Mathematics	4
MC0064	Basic Web Development (Internet, HTML, Stylesheets & Basics of Multimedia)	4
MC0065	Financial Management & Accounting	4
Total Cumulative Credits		20

Second Semester		
Sub. Code	Subject Title	Credits
MC0066	OOPS Using C++	4
MC0067	Database Management System (DBMS and Oracle 9i)	4
MC0068	Data Structures using C	4
MC0069	System Analysis and Design (SAD)	4
MC0070	Operating Systems with Unix	4
Total Cumulative Credits		40

Third Semester		
Sub. Code	Subject Title	Credits
MC0071	Software Engineering	4
MC0072	Computer Graphics	4
MC0073	System Programming	4
MC0074	Statistical and Numerical Methods using C++	4
MC0075	Computer Networks	4
Total Cumulative Credits		60

Fourth Semester		
Sub. Code	Subject Title	Credits
MC0076	Management and Information Systems	4
MC0077	Advanced Database Systems	4
MC0078	Java Programming	4
MC0079	Computer-based Optimization Methods (Statistics / Applied OR)	4
MC0080	Analysis & Design of Algorithms	4
Total Cumulative Credits		80

Fifth Semester		
Sub. Code	Subject Title	Credits
MC0081	.Net Technologies	4
MC0082	Theory of Computer Science	4
MC0083	Object Oriented Analysis & Design using UML	4
MC0084	Software Project Management & Quality Assurance	4
MC0085	Advanced Operating Systems (Distributed Systems)	4

Sixth Semester		
Sub. Code	Subject Title	Credits
MC0086	Digital Image Processing	4
MC0087	Internetworking with TCP/IP	4
MC0088	Data Mining	4
MC0089	Project	8
Total Cumulative Credits		120

Multiple Entry Options

Semester	Sem 1	Lateral Entry	Direct Entry	Lateral Entry	Re - Entry	Re - Entry	Sem 6
	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6		
Multiple Exit Options	PGDCA		MScCS				MCA

Note: Refer page 59 for more details.

ELIGIBILITY CRITERIA FOR SMU-DE PROGRAMS

Post Graduate Diploma in Travel and Tourism Management (PGDTTM)

Eligibility: 3 Year Graduation from a recognised University

Semester Fee: Rs.12,350/- (inclusive of Exam Fee Rs.950/- & Alumni Fee Rs.100/-) or as revised from time to time.

Minimum Duration: 1 Year (2 Semesters)

Maximum Duration: 2 Years

Minimum counselling and Practical duration at the Learning Centre: 160 Hours / Semester

Master of Computer Science in Computer Science (MScCS) Post Graduate Diploma in Computer Applications (PGDCA)

Eligibility: 3 Year Graduation from a recognised University

Semester Fee: Rs.12,350/- for semester 1 & 2 and Rs.13,350/- from 3rd semester onwards (inclusive of Exam Fee Rs.950/- & Alumni Fee Rs.100/-) or as revised from time to time.

Minimum Duration: 1 Year (2 Semesters) for PGDCA; 2 Years (4 Semesters) for MScCS; 3 Years (6 Semesters) for MCA

Maximum Duration: 2 Years for PGDCA; 4 Years for MScCS; 6 Years for MCA

Minimum counselling and Practical duration at the Learning Centre: 200 Hours / Semester

Provision for Lateral entry to Second Semester

Eligibility: 3 years Graduation from a recognised University and six months computer course from reputed institution*.

Semester Fee: Rs.12,350/- for semester 1 & 2 and Rs.13,350/- from 3rd semester onwards (inclusive of Exam Fee Rs.950/- & Alumni Fee Rs.100/-) or as revised from time to time.

Lateral Entry Fee: Rs. 5,800/- (inclusive of Exam Fee Rs.950/-) or as revised from time to time.

Minimum Duration: 1 Year (2 Semesters) for PGDCA; 2 Years (4 Semesters) for MScCS; 3 Years for MCA

Maximum Duration: 2 Years for PGDCA; 4 Years for MScCS; 6 Years for MCA

Provision for Lateral entry to Third Semester of MCA

Eligibility: BCA / B.Sc.(IT / CS / AIT) from a recognized University/ B.E. (Non IT) / B.Tech (Non IT)

Note : This qualification is not eligible for exit Qualification for MScCS.

Semester Fee: Rs.13,350/- (inclusive of Exam Fee Rs.950/- & Alumni Fee Rs.100/-) or as revised from time to time.

Lateral Entry Fee: Rs.6,300/- (inclusive of Exam Fee Rs.950/-) or as revised from time to time.

Minimum Duration: 3 Years for MCA

Maximum Duration: 6 Years for MCA