

MCA

Program: Master of Computer Applications

Awarding Body: Sikkim Manipal University

Recognition: UGC, Ministry of HRD, Govt. of India

Duration: 3 years / 6 semesters

Eligibility: 10+2+3

Intake: February / August

Program Structure:

<p>Semester I Computer Programming 'C language' Digital Systems, Computer Organization & Architecture Discrete Mathematics Basic Web Development (internet, HTML, Style Sheets & Basics of Multimedia) Financial Management & Accounting</p> <p>Semester II OOPS using C++ Database Management Systems (DBMS and Oracle 9) Data Structures using C System Analysis and Design (SAD) Operating Systems with Unix</p> <p>Semester III Software Engineering Computer Graphics System Programming Statistical & Numerical Methods Using C++ Compute Network</p>	<p>Semester IV Management Information Systems Advanced Database Systems Java Programming Computer Based Optimization Methods (Statistics / Applied OR) Analysis & Design of Algorithms</p> <p>Semester V (DOT) Net Technologies Theory of Computer Science Object Oriented Analysis &Design using UML Software Project Management & Quality Assurance Advanced Operating Systems (Distributed Systems)</p> <p>Semester VI Digital Image Processing Internet working with TCP/IP Data Warehousing &data Mining Project</p>
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