

MCA

MASTER OF COMPUTER APPLICATION

DATES TO REMEMBER

31

Jul '23

Last Date to Apply for Indian Admissions

01

Aug '23

Course commencement date

Change in the Admission dates will be updated here.

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Chairman Admissions (Technical Campus), Sikkim Manipal Institute of Technology, Majitar, Rangpo, East Sikkim-737132

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OVERVIEW

The Master of Computer Application program at Sikkim Manipal Institute of Technology is aimed at providing students with academic skills, logic and reasoning ability for their overall development to help them get jobs in the public and private sectors and the software industry.

The course is approved by AICTE and is accredited by NS-EN ISO 9001:2000.

It is a 2 years course with an intake capacity of 30 seats. The course is offered by SMIT in the Majitar campus.

Vision	Mission	Objectives
The department attempts to be recognized for outstanding education and training of computer application graduates who can contribute to the society and the nation.	<p>To impart value education, quality training and provide hands on learning experience.</p> <p>To develop the department as the best resource house which provides a rewarding learning experience for the students.</p> <p>To assure constant improvement in quality of education and research in computer applications.</p>	<p>To develop academically competent and motivated graduates who can excel in their career, inculcate entrepreneurial skills or grow academically.</p> <p>To acquire necessary knowledge and skills that enable students to take up technological and professional challenges.</p> <p>To impart knowledge required by the students for development of IT solutions and formulation of solutions that solve modern-day real-world problems.</p> <p>To promote ethical values that students would exhibit both professionally and socially.</p>
Program Educational Objectives (Master in Computer Application)		
<p>MCA graduates will have successful career based on their understanding of formal and practical methods of applications development using the concepts of Computer Programming, Software and Design Principles.</p> <p>MCA graduates will be prepared for pursuing higher studies in their related field.</p> <p>MCA graduates will demonstrate analytical and design skills including the ability to generate creative solutions and foster team-oriented professionalism.</p> <p>MCA graduates will exhibit effective work ethics and be able to adapt to the challenges of dynamic professional environment.</p>		

PROGRAM OUTCOME (PO)

- **Computational Knowledge:** Apply the knowledge of mathematics, fundamentals of computing, and fundamentals of machine learning to solve software development problems.
- **Problem analysis:** Identify, formulate, review and analyse computing processes and arrive at substantial conclusions using principles of mathematics, and computing sciences.
- **Design/development of solutions:** Design and evaluate solutions for *complex* computing problems, along with their components, and processes that meet the requirements with appropriate consideration of public health and safety measures.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling for the computational problem with an understanding of its limitations.
- **Environment and sustainability:** Understand the impact of developing a solution for a computational problem in societal and environmental contexts and demonstrate the knowledge context of the sustainable development environment.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of professional computing practice.
- **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the computing and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
- **Innovation and Entrepreneurship:** Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

COURSE OUTCOME, PROGRAM OUTCOME AND SYLLABUS

- [Click Here](#) for Course Outcome.
- [Click Here](#) for Program Outcome.
- [Click Here](#) for MCA syllabus.

- Application Programmer
- Software Developer
- System Analyst
- Database Administrator
- Information Security Executive
- Data Centre Technician
- Chief Information Security Officer
- Data Centre Manager
- IT Faculty

ELIGIBILITY

- Passed BCA / B.Sc(Computer Science) / BSc. IT/ BE (CSE) / B.Tech(CSE) / BE(IT)/ B.Tech IT/ Equivalent degree OR Passed any graduation degree (BE/B.Tech/B.Sc/ B.Com/BA/B.Voc/etc.) preferably with Mathematics at 10+2 or Graduation level OR Obtained at least 50% marks (45% for Reserved Category) in the qualifying exam.

FEES

COURSE FEE

INSTALLMENTS



The scheme of education here finds impressive expressions of those qualities in our students that contributes effectively to their personal growth & of society.

Director ,SMIT

Course Fees for MCA		
YEAR	Fees For General Catagory Students	Fees For Sikkim Quota Students
First Year	1 50,000	83,200
Second Year	1 50,000	83,200


BENEFITS



FACILITIES

The campus has first-rate facilities like laboratories, workshops and practice school for hands-on learning. There are also cafeterias, ar transport facility for students' ease.



testimonial-bg

TESTIMONIALS



SMIT is exactly where I wanted to be, a home away from home. It has great infrastructures and is so close to nature that it makes our learning environment refreshing.

Upali Choden
Department of CA



The outstanding environment has guided throughout my years at SMIT. SMIT provided me an excellent opportunity to express my skills and help me climb the stairs for a bright future.

Soumik Das
BCA 5th Semester
Department of Computer Applications



There's a quote from Paper Towns by John-Green-"The way I figure it, everyone gets a miracle." Well I got mine in SMIT. Everything has been a boon to my life.

Nisha Gurung
BCA 5TH Semester
Department of Computer Applications



With no prior knowledge about computers I had a steep learning curve, but with consistent support and guidance of our teachers I always enjoyed my learning.

Ashwin Rai
MCA IIIrd Semester
Department of Computer Applications

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