

Your Path To Advanced **Computing**

Master of Computer Applications
(Online MCA)



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Eligibility

- ◆ Candidates who have completed 10+2 education or graduate level education outside India must produce a certificate of equivalence issued by the Association of Indian Universities.
- ◆ Candidates who have completed 10+2+3-year bachelor's degree from other streams like Science, Business Administration, Business Management, Arts & Humanities, Commerce, etc. are also eligible for MCA admission but they have to attend and complete a compulsory bridge course in fundamentals of computer and IT along with their Semester 1 courses. Additionally, candidates who have not studied mathematics during their 10 + 2/ bachelor's degree programs must attend and complete a compulsory bridge course in mathematics along with other semester 1 courses.

Duration

Minimum 2 years (divided into four semesters)

Master of Computer Applications

Online MCA

This program is designed to equip learners with advanced technical skills and practical knowledge in computer applications. The curriculum includes core subjects like Python, Java, .NET, data structures, operating systems, and database management. It also offers hands-on training through labs and projects, along with electives in cutting-edge areas such as machine learning, cloud computing, and data mining.

The program readies learners for careers in software development, data science, system analysis, and IT management.



Master of Computer Application Fees

Nationals	Semester Fee	Semester Fee
Indian & Nepalese Nationals	INR 24,500	INR 98,000
Other Nationals	USD 305	USD 1,220

Non-refundable application fee: INR 500 for Indian and Nepalese nationals



Program Delivery

Quality education, delivered seamlessly through state-of-the-art technology, so learning never slows down.

- ◆ Online program entitled by UGC
- ◆ 24x7 learning with best-suited content
- ◆ Expert faculty and mentors
- ◆ Industry expert sessions, webinars and projects
- ◆ Scholarships for deserving candidates
- ◆ Foundation courses



About SMU

Established in 1995, Sikkim Manipal University (SMU) is an NAAC A+ accredited institution offering UGC-entitled degrees. With a strong legacy of academic excellence, SMU leverages state-of-the-art technology to deliver accessible, industry-relevant programs, ensuring students gain quality education.

SMU's distance education arm, founded in 2001, is a premiere provider of professional programs in India, educating over 500,000 students. Recognized as the 'Most Preferred Distance Education University Among Students', SMU now delivers affordable online degree programs, further extending its commitment to accessible education.

“

Give an individual
a professional education
and you have given him
a lifestyle. ”

Padma Shri Dr. T.M.A. Pai

1898 - 1979

Founder - Manipal Group



Dr GK Prabhu

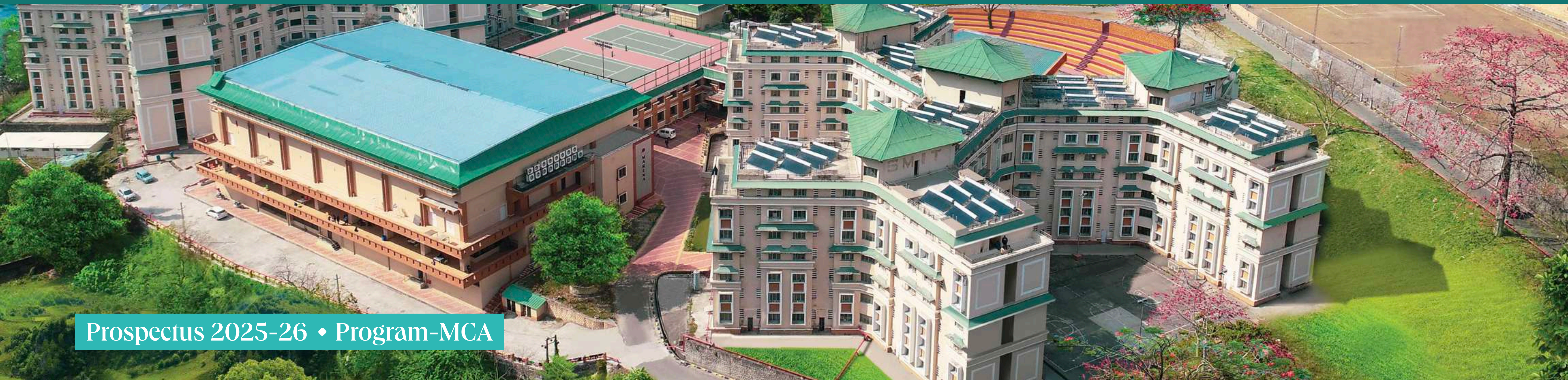
Vice Chancellor,
Sikkim Manipal University



Prof (Dr) Sourav Dhar

Director, Centre for Distance
& Online Education

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Sikkim Manipal University (SMU) Accolades

ACCREDITED



Accredited A+ Grade By
National Assessment and
Accreditation Council (NAAC)

ACCREDITED



UGC-entitled Online Degrees
Equivalent to On-campus
Degree

RANKED 151-200



Amongst India's
Top #151-200 Universities
in 2025



AICTE Norms
Compliant

RANKED 06



Among India's top
multidisciplinary universities
in East Zone (2024)

RANKED 01



Amongst Top Private
Universities in North East (2024)

RANK 15



Among Top Leading
Universities Showcasing
Entrepreneurial Spirit

First Semester

- ♦ Computational Mathematics
- ♦ Java Programming
- ♦ Operating Systems
- ♦ Database Management System
- ♦ Database Management System Lab
- ♦ Java Programming Lab
- ♦ Fundamentals of Computers & IT
- ♦ Fundamentals of Mathematics

Second Semester

- ♦ Python Programming
- ♦ Software Engineering and Unified Modelling Language
- ♦ Computer Organization and Architecture
- ♦ Data Structure and Algorithm
- ♦ Data Structure and Algorithm Lab
- ♦ Python Programming Lab

Third Semester

- ♦ .NET Framework
- ♦ Computer Network
- ♦ IT Laws and Practices
- ♦ .NET Framework Lab
- ♦ Computer Network Lab.
- ♦ Choose any 1:
 - ♦ Data Warehousing and Data Mining
 - ♦ Cloud Computing

Fourth Semester

- ♦ Mobile Application Development
- ♦ Angular JS, React JS, and VUE JS
- ♦ Project
- ♦ Choose any 1:
 - ♦ Machine Learning
 - ♦ Distributed System and Grid Computing

- ♦ Total credits: 80
- ♦ Each subject carries 4 credits
- ♦ Lab activities carry 2 credits each
- ♦ Each semester carries 20 credits
- ♦ Project carries 8 credits

Note: *Bridge course (non-credit) applicable only for non-IT background.

** (Compulsory) Bridge course (non-credit) applicable only for non-mathematic background.

SMU reserves the right to change the program curriculum, eligibility, fee structure, number of sessions, duration, certificate format, admission process, and other terms in the program and can incorporate any such changes deemed necessary by the institute without prior intimation.

eLearning: The Future Is Now!

The eLearning material will be made available to you on the Learning Management System (LMS) based on the four-quadrant approach, as per UGC (Credit Framework for online learning courses through SWAYAM) Regulations, 2016.

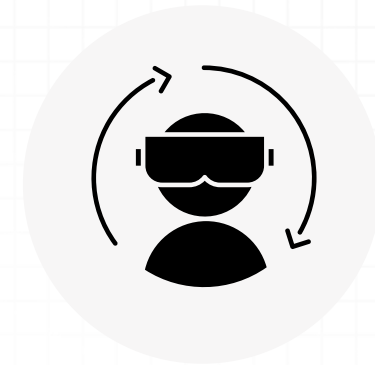
Video Lectures



Virtual Classrooms



Virtual Simulation



eText Materials



Interactive Material



Discussion Forums



The More You Know

Evaluation

The assessment system has been conceived, developed, and administered on a rigorous and fair basis to bring out the best in you and prepare you for a challenging career. Your performance evaluation will be based on both continuous evaluation and term-end examinations.

Results

The results will be published on the student portal. If you fail to clear any of the papers (either in TEE or CA or both), you have to re appear for the relevant paper by applying to the university through the resitting application along with relevant fees, within the due date.

Jurisdiction

All disputes relating to university program and activities are subject to local jurisdiction (Sikkim) only.

Examination

The university semester-end examinations will be held digitally viz. computer-based and online proctored. You can appear for the exams from the comfort and safety of your homes. A laptop or desktop computer with a functioning webcam connected to the Internet is required to appear for the exams. The details of the examination schedule will be made available in the photo admit card issued for appearing for the term end theory examinations. The university will share all examination details via the student portal.

Theory papers

The theory part is assessed by performance based on continuous assessment (CA) through assignments and term-end examinations (TEE). The assessment ratio for (TEE) to CA is 70:30. The CA is based on assignments prepared by the university. TEE will comprise descriptive and multiple-choice type questions. You must score at least 40% in both CA and TEE to be declared as pass.

Right to amend rules

The university reserves the right to add / delete / change / amend the syllabi, program structure, rules and regulations wherever considered necessary and appropriate without any prior notice. You are advised to go through the website frequently where all circulars and important information will be hosted from time to time. Promulgation of any such information on the website in the form of circulars / notices is considered to be adequate.

Awards and degree

Successful students, on satisfying all criteria stipulated by the university, will be awarded the respective degrees by the university.

Enrol Now

Program Registration

Fill in your basic, education & work experience-related details and pay the application fee to register.

Fee Payment

Pay the admission fee for the first semester/year or full program.

Document Upload

Upload supporting documents & submit your application.

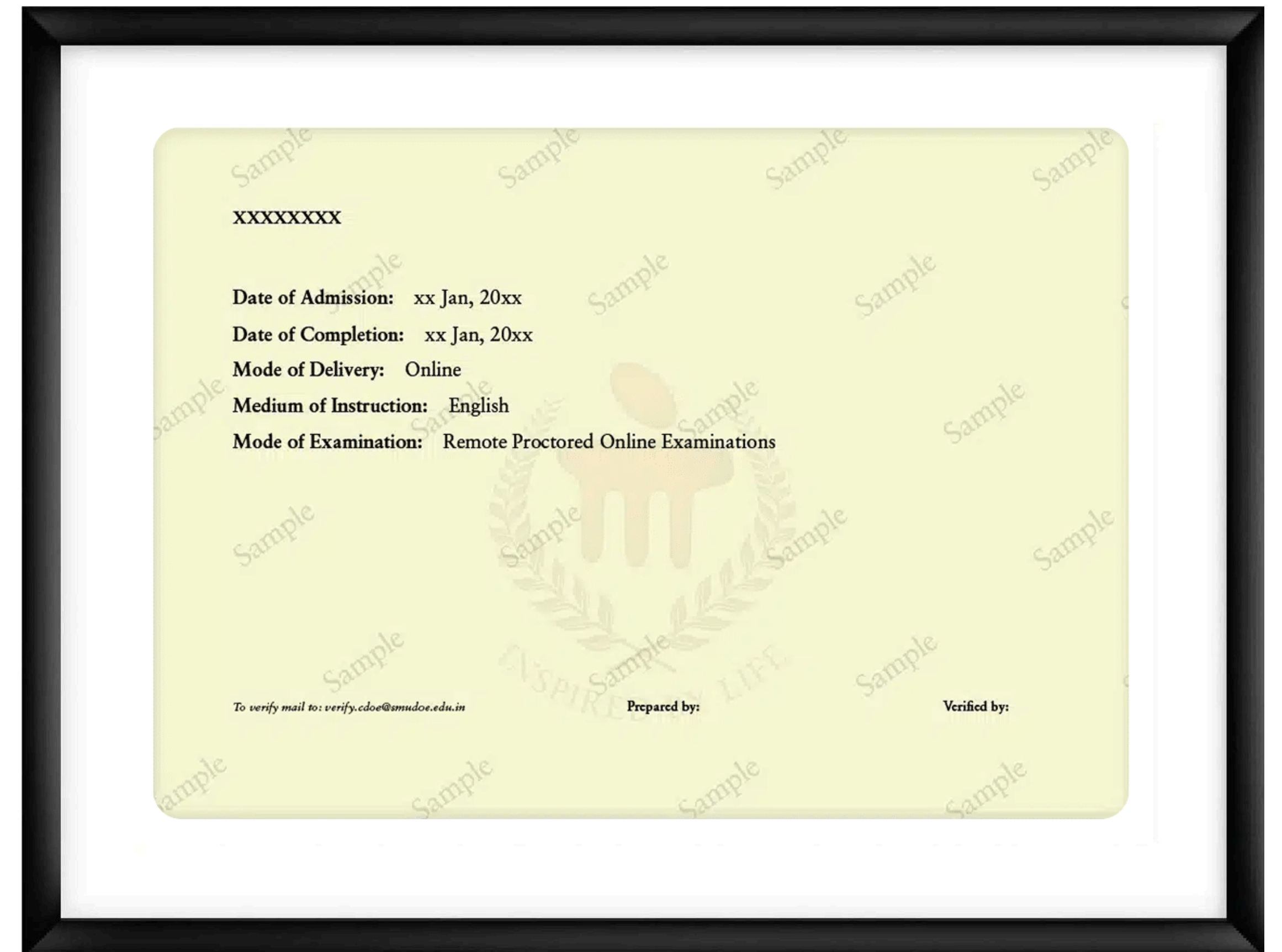
University Approval

The university will evaluate your documents to confirm your admission.

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Your Degree





Online MANIPAL

Sikkim Manipal University

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