

Your Path To Advanced **Computing**

Master of Computer Applications
(Online MCA)



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Eligibility

- Candidates must have completed 10+2+3-year bachelor's degree in Computer Applications/Computer Science/Information Technology a minimum of 50% marks (45% for reserved categories) from a recognized university/institution, or an equivalent qualification as recognized by the Association of Indian Universities (AIU) or other competent bodies
- 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.
- Candidates who have completed their 10+2 or graduate level education outside India must produce a certificate of equivalence issued by the Association of Indian Universities.

Duration

Minimum 2 years (divided into four semesters)

Career Prospects

- Software Developer
- Database Administrator
- Cybersecurity Analyst
- Full Stack Developer
- UI/UX Developer
- System Administrator
- Data Analyst
- Cloud Engineer
- Machine Learning Engineer

Master of Computer Applications

Online MCA

Gain advanced knowledge in computer applications and equip yourself with the skills to thrive in the ever-evolving field of information technology.



Master of Computer Application Fees

Nationality	Semester Fee	Course Fee
Indian Nationals	INR 27,500	INR 1,10,000
Other Nationals	USD 340	USD 1,360

A non-refundable additional application fee of INR 500 is to be paid by Indian, Nepalese, Bhutanese, Bangladeshi, and Sri Lankan students.

Applicants from Nepal, Bhutan, Bangladesh, and Sri Lanka are required to pay their fees in Indian Rupees (INR).



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
- ◆ AI-enabled Learning Management System (LMS)



About SMU

Sikkim Manipal University (SMU), established in 1995, is a 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, has educated over 500,000 students, becoming a top provider of professional programs in India. Recognized for its excellence, including the 'Most Preferred Distance Education University Among Students' award, SMU now delivers affordable online degree programs in India, 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)



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 (2025)

RANKED 01



Amongst Top Private
Universities in North East (2025)

RANK 15



Among Top Leading
Universities Showcasing
Entrepreneurial Spirit

RANK 330



Amongst South Asia's Top
Universities (2026)

RANK 601+



#601+ in Asia University
Rankings (2025)

Online MCA

Program Structure

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



e-Content



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.

Application Process

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

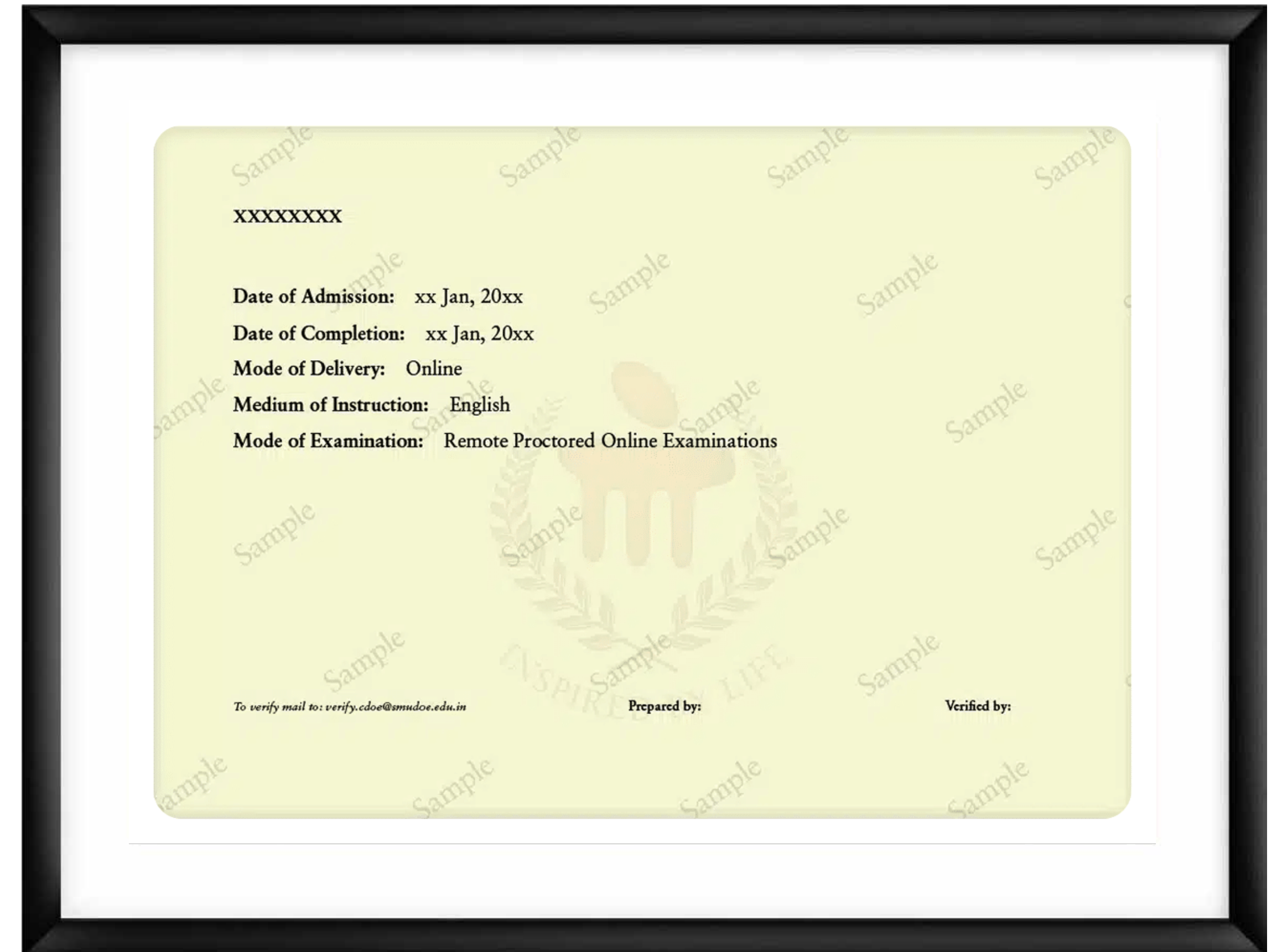
The university will evaluate your documents to confirm your admission.

[Apply Now](#)

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Your Degree





SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Online MANIPAL

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