SMU SIKKIM MANIPAL UNIVERSITY

INSPIRED BY LIFE

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

Shaping You *For Success*

PROSPECTUS 2023-24

Master of Computer Applications

UGC Entitled | NAAC A+ Accredited

100% Online

INSPIRED BY LIFE

online MANIPAL

ACCREDITED

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

ACCREDITED

UGC-entitled Online Degrees Equivalent to On-campus Degree

RANKED 101-150

Among India's top 150 Universities in 2023

RANKED 06

Among India's top multidisciplinary universities in East Zone (2023)

RANKED 01

Amongst Top Private Universities in North East (2023)

Take a leap, dream big, and embrace the opportunity towards a transformative journey by pursuing an online higher education from a university backed by a rich academic legacy and accredited with distinct honors.

The flexibility to continue working while supporting yourself or your family ensures that you can maintain a stable income while simultaneously acquiring valuable knowledge and skills that will shape your future.

Get ready to empower yourself.

Get learning.

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

Padma Shri awardee
Dr. T M A Pai
Founder
Manipal Education & Medical Group

VISIONARY   PHILANTHROPIST   PHYSICIAN

EDUCATIONIST   BANKER

From the Vice Chancellor's desk

Providing quality and affordable education for all has been the driving force behind building Sikkim Manipal University to what it is today. Renewing our efforts towards creating student-centric learning experiences for professional growth, SMU is excited to now go online and cater to learners across various geographies & backgrounds.

Air Vice Marshal (Dr) Dilip Chandra Agarwal, VSM (Retd)
Vice Chancellor,
Sikkim Manipal University

Evolve into a better, accomplished version of yourself with online degrees from Sikkim Manipal University.

Flexible
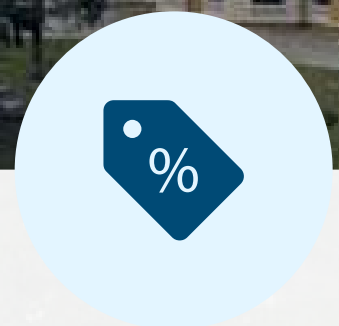Learn at your convenience, as per your schedule and lifestyle.

Next-gen
Modular, easily learnable sets of study materials to learn on the go!

High-quality
Learn from expert faculty through a best-in-class learning platform.

Cost-effective
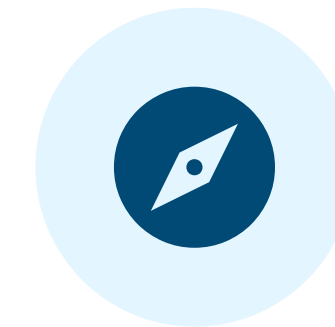No-cost EMI and scholarships available.

Recognized
SMU's online degrees are UGC-entitled and accredited A+ by NAAC.
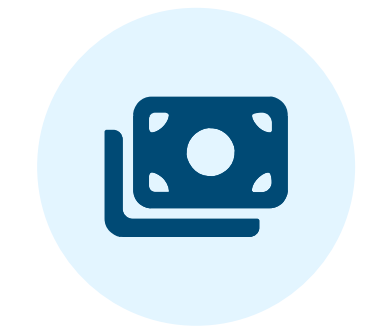
A university for your aspirations

Valuable learning

- Flexible, modern curriculum for maximum industry relevance

- Dedicated course mentors for a comprehensive learning experience

Placement assistance

- Comprehensive services to help kickstart your career

- Includes interview tips, employability assessments, resume building, industry readiness programs, mock interviews, virtual placement drives, and more

Attractive scholarships

- Exclusively for defense personnel, differently-abled people, alumni of SMU, and learners from Sikkim & other Northeast regions of India

- Learners can also avail an attractive fee concession on full program fee or annual fee, provided they make the payment before program commencement

Sikkim Manipal University was established in 1995 and is a NAAC A+ accredited university. Popularly known for imparting quality education, it now also offers UGC-entitled degree programs in the online mode.

MCA Master of Computer Applications (Online)

Eligibility

- Candidates must have completed 10+2+3-year bachelor's degree in Computer Applications/Computer Science/Information Technology from a recognized university/institution, or an equivalent qualification as recognized by the Association of Indian Universities (AIU) or other competent bodies, with at least 50% marks (45% for reserved categories)

- 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.
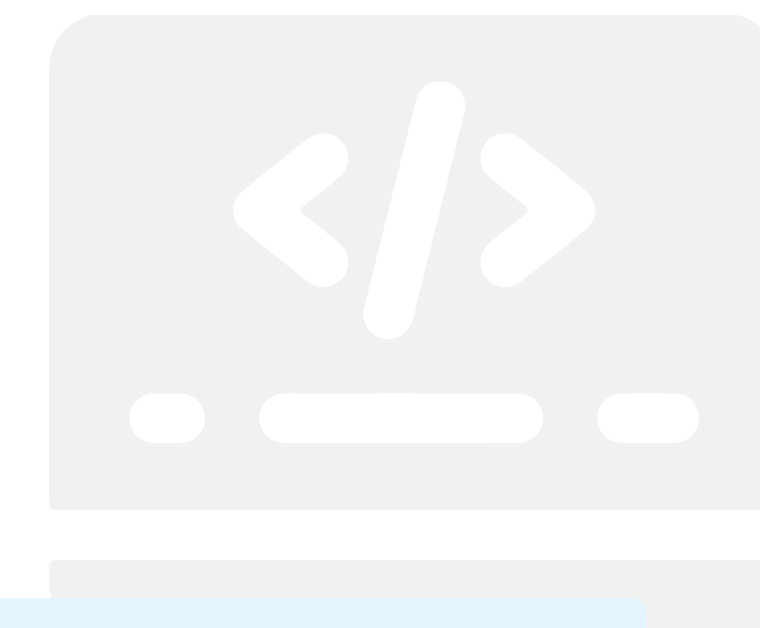
Fee structure

- INR 1,65,000 or
  INR 41,250 per semester

- INR 500 (non-refundable application fee)

Duration

- Minimum 2 years
  (divided into four semesters)

> **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 Applications | Program structure

First semester

Computational Mathematics

Database Management System

Operating Systems

Advanced Java Programming

Database Management System Lab

Advanced Java Programming Lab

Fundamentals of Computers & IT*

Fundamental of Mathematics**

Second semester

Python Programming

Latest Trends in Computer Application

Computer Organization and Architecture

Computer Network

Computer Network Lab

Python Programming Lab

Third semester

Design and Analysis of Algorithms

Software Engineering and Unified Modelling Language

Software Engineering and Unified Modelling Language Lab

Design and Analysis of Algorithms Lab

Choose any 1:
Management Information System
Digital Image Processing

Choose any 1:
Data Warehousing and Data Mining
Cloud Computing

Fourth semester

.NET Framework

.NET Lab

Project

Choose any 1:
Machine Learning
Social and Web Media Analytics

Choose any 1:
Blockchain Technology
Virtualization and Cloud Security

Total program credits: 80
- Each subject carries 4 credits
- Lab activities carry 2 credits each
- Each semester carries 20 credits
- Project carries 6 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.

Get started

Choose the program you want to pursue and register by filing in your basic details and paying the registration fee

Fill in your educational and work experience-related details

Pay the admission fee for the first semester/year or full program
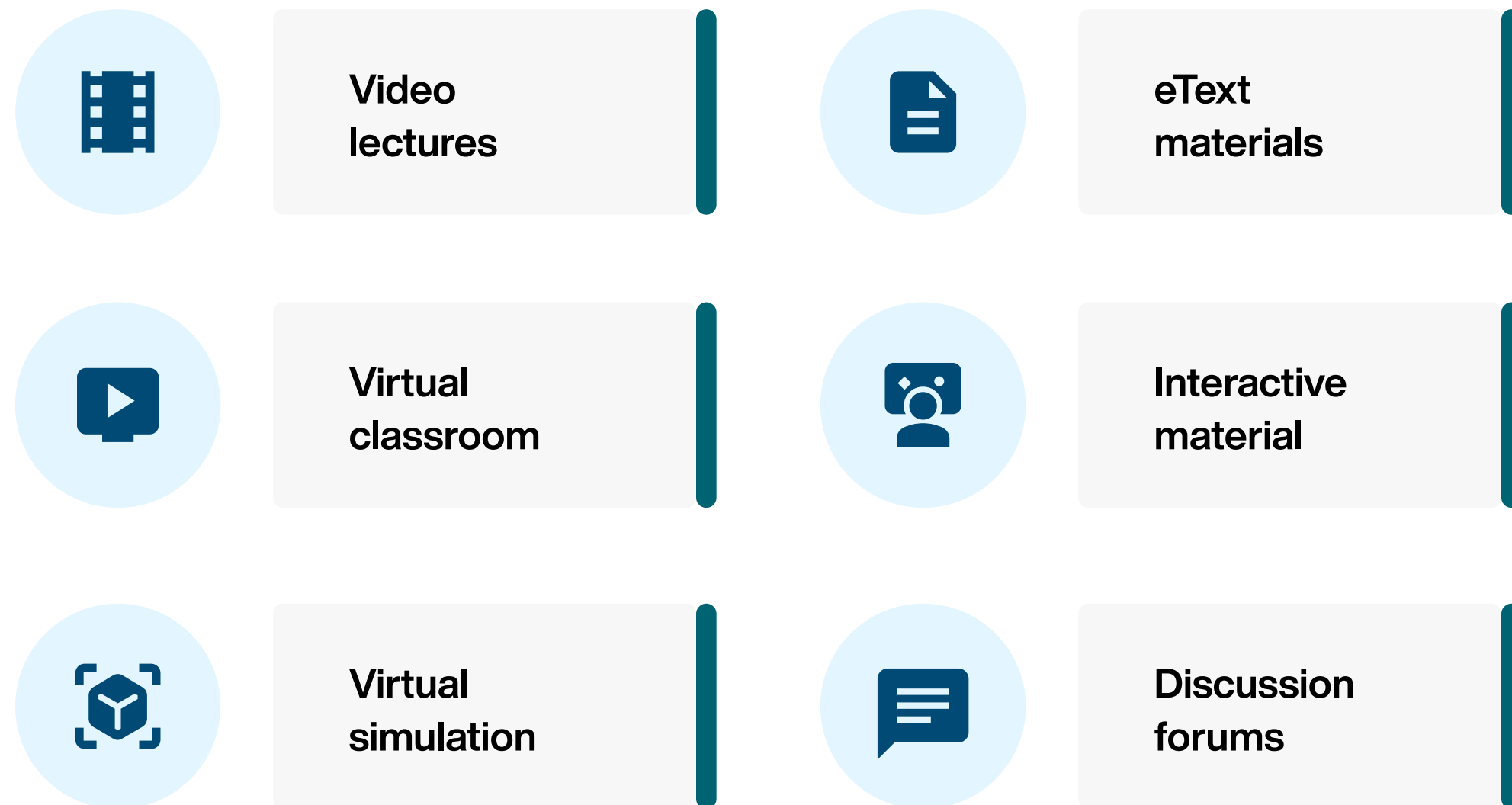
Upload supporting documents and submit the application to complete the process

Application to online degrees at SMU can be initiated through our website **www.onlinemanipal.com**

A seamless & dedicated eLearning solution

Making learning a convenient, flexible, and memorable experience

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	eText materials
Virtual classroom	Interactive material
Virtual simulation	Discussion forums

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.

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.

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.

Awards and degree

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

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.

Directorate of Online Education
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