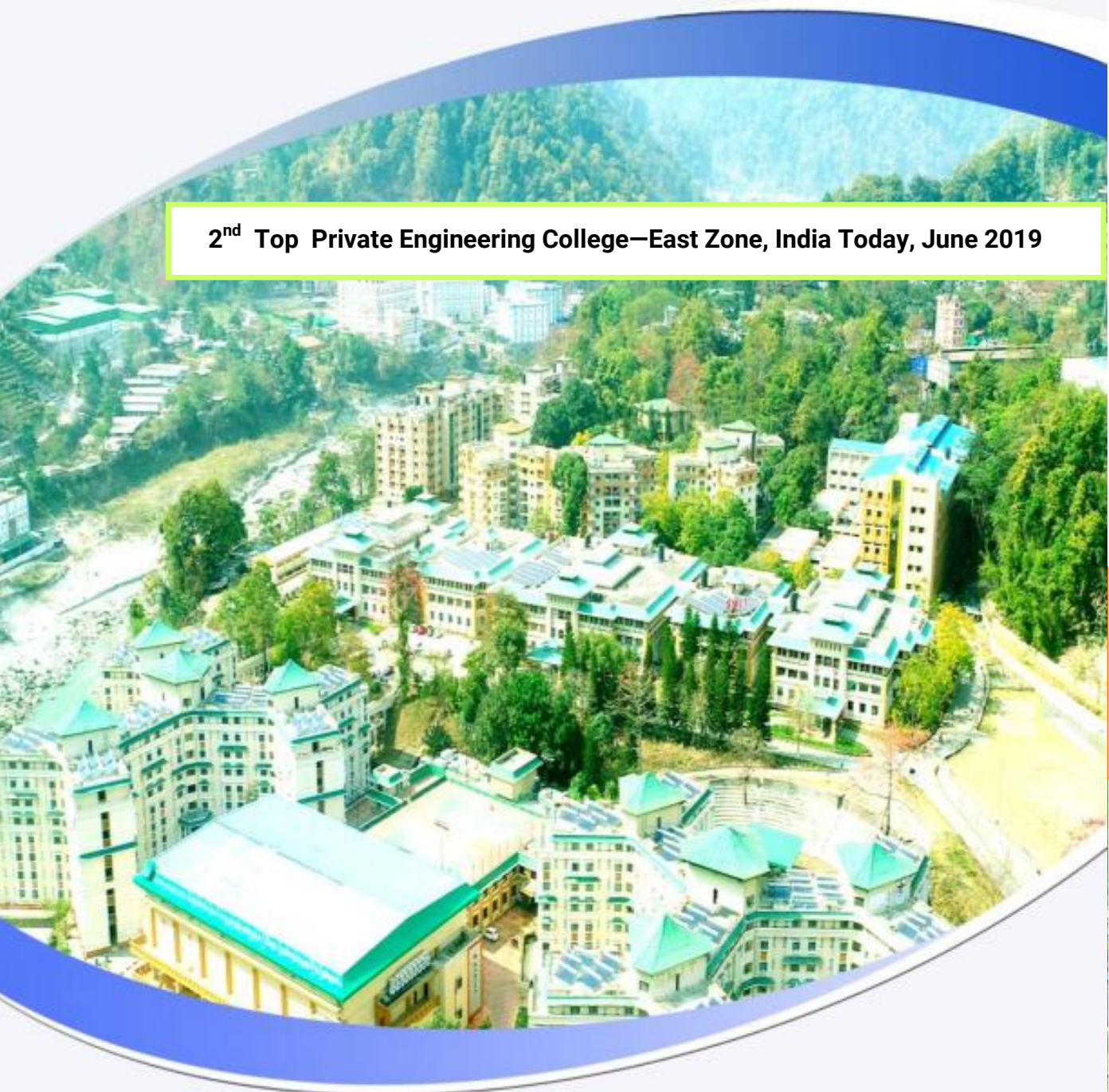


Sikkim Manipal Institute of Technology

AICTE Approved, NAAC Accredited

2nd Top Private Engineering College—East Zone, India Today, June 2019



Prospectus 2020



SMIT SIKKIM
MANIPAL
UNIVERSITY
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

www.applysmit.in

Courses at a Glance

Course	Minimum Qualification	Admission Procedure
Technical Campus (SMIT)		
B Tech (ECE, CSE, EEE, IT, ME, CE)	10+2/equivalent with 50% marks in PCM	Entrance Test: JEE / MET or SMIT Online Test
Lateral B Tech (ECE, CSE, EEE, IT, ME and CE)	Diploma in appropriate branch OR B Sc with Mathematics, with 60% marks	Merit, based on marks in the qualifying examination and Entrance Test conducted by SMIT
BBA/BCA/B Sc IT	10+2/equivalent in any stream with 50% marks	Merit, based on marks in the qualifying examination
MCA/ M Sc IT	Bachelor in any discipline with Maths/Statistics in 10+2 with 50% marks	Entrance Test conducted by SMIT
MBA (Finance, Marketing, Systems & HR)	Bachelor in any discipline with 50% marks	MAT & CAT score / University Entrance Test and GDs/PIs
M Tech (CSE, DE & CE, IT, PE, Prod. Engg. and Str. Engg.)	BE/ B Tech in related branches of Engineering with 55% marks	GATE/Entrance Test conducted by SMIT
M Sc (Phy, Chem and Maths)	B Sc (Gen/Hons.) in relevant subject	Merit, based on marks in the qualifying examination

Important Dates 2020

Sikkim Manipal Institute of Technology (SMIT)

B Tech

Last date of application - SMIT Online Test	10 April
SMIT Online Test	19– 21 April
Publication of Result (www.smu.edu.in)	23 April
Counseling/Admission under various categories	
SMIT Online	4 May
JEE -General	5 May
JEE - Reserved (Sikkim, Defense, GTA, NE, PMF)	6 May
2 nd round of counseling - JEE / SMIT Online	25 June
Date of reporting at campus CSE / CE / EE	13 July
ECE / ME / IT	14 July

B Tech – Lateral Entry

Last date of application	21 June
Entrance Test	29 June
Counseling & Admission	30 June
Date of reporting at campus	27 July

BBA/MBA

Last date of application	10 June	
BBA - Counseling & Admission	I Round II Round	25-26 May 15-16 June
MBA - GD, PI, Counseling & Admission - MAT/CAT	I Round II Round	8 June 13 July
MBA - Entrance exam, GD, PI, Counseling & Admission - Others	I Round II Round	9 June 14 July
Date of reporting at campus - BBA		14 July
Date of reporting at campus - MBA		1 August

BCA / MCA /MCA(LE) / M Tech / BSc IT / MSc IT

Last date of application	10 June	
BCA / BSc IT - Counseling & Admission	I Round II Round	22 - 23 May 19 - 20 June
MCA / MCA (LE) / MSc IT - Entrance test, Counseling & Admission	I Round II Round	15 June 18 July
M Tech - Entrance Test		20 July
M Tech - Counseling & Admission		21 July
Date of reporting at campus - BCA		14 July
Date of reporting at campus - MCA		1 August

M Sc (Phy / Chem / Maths)

Last date of application	12 July
Counseling & Admission	25 July
Date of reporting at campus	1 August

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Vision

Global Leadership in Human Development, Excellence in Education and Healthcare.

Mission

Develop professionals of excellent technical calibre in the field of Health Sciences, Engineering, Management and Social Sciences with a humane approach capable of shouldering the responsibility of building a nation and be globally competent.

Objectives

To support, promote and undertake the advancement of academics

To promote use of ICT and modern education technologies

To encourage research, creation and dissemination of knowledge

To facilitate extension and community service

To empower people of Sikkim and contribute to human development in Northeast

To create environmental and social responsibilities among students and employees

To ensure steady growth of the University



SMU NIRF Ranking 101-150 Band



61 rank in *Top Multidisciplinary Universities of India* (Source THE WEEK -2019)



6 rank in *Top Multidisciplinary Universities in East Zone* (Source THE WEEK -2019)

Message from The Chancellor

गंगा प्रसाद
GANGA PRASAD



राज भवन
गान्तोक-737103
(सिक्किम)
RAJ BHAVAN
GANGTOK-737103
(SIKKIM)

SKM/GOV/MESG/2018/46
2nd November, 2018



Institutions of higher learning are vital for any progressive society and always determines the growth trajectory. With the advancement of science and technology and their impact in our day to day life, the role of technological and medical institutions have become all the more paramount. Sikkim Manipal University, guided by its vision to provide world class technological and medical education preparing skilled professionals for future India, has been consistent over last two decades in achieving its core objectives with high benchmarks.

As Chancellor of the University, I share the joy with the management, faculty and students on our accomplishments. We also remain firm on the goals that we have set for the future along our quest to impact lives of common folk beyond degrees and academics. Sikkim Manipal University has certainly added value to the lives of vibrant Himalayan State of Sikkim by igniting the minds of young ones and transforming them into dedicated professionals and entrepreneurs.

I wish the students the best of their time at Sikkim Manipal University. May you all achieve more and contribute as a true architect of New India.

(Ganga Prasad)

Message from The Pro Chancellor



Dear Students,

Sikkim Manipal University (SMU) is part of the Manipal Education and Medical Group that operates 6 Universities in India and overseas. Among these, SMU has been at the forefront of providing medical and engineering education in the Eastern and North-Eastern regions of our country, since the late 1990s.

Sikkim Manipal Institute of Technology (SMIT) is a constituent college of SMU, set up in 1997 and, over the years, has established itself as a premier engineering institute. Similarly, Sikkim Manipal Institute of Medical Sciences (SMIMS), a constituent college of SMU, set up in 1999, is amongst the leading medical schools in these regions.

Today, SMU is a multi-disciplinary university with a strong faculty base and superior infrastructure. It has, since long, been very ably meeting the academic aspirations of students.

We look forward to welcoming you to our campus and are confident that SMU will be your stepping stone to a successful future.

A handwritten signature in blue ink, appearing to read 'Rajen Padukone'. The signature is fluid and cursive.

Rajen Padukone

Message from The Vice Chancellor



Dear Candidates,

Sikkim Manipal University is part of the Manipal Group of Universities and is well known for imparting quality education.

Our perseverance and endeavor are guided by our vision to transform the lives of our students, through exemplary education and training, in their journey of discovery, understanding, awareness and perfection of cutting edge knowledge, skills and competencies.

Our Institutes have state of the art infrastructure, facilities, ambience and organizational culture to nurture your thinking and understanding in your pursuits to perfect your professional knowledge and competence.

Our dedicated teams of faculty are committed to the task of ensuring that our students are well trained to meet the demanding challenges of their chosen profession in the competitive world.

We look forward to welcoming you to Sikkim Manipal University.

A handwritten signature in black ink, which appears to read 'M D Venkatesh'.

Lt. Gen. (Dr) M D Venkatesh

Sikkim Manipal University (SMU)

Established on November 15, 1992 by an act of Sikkim Legislative Assembly through Act No.9/1995.

1st PPP model in India between the Government of Sikkim and the Manipal Pai Foundation.

Recognized by the University Grants Commission (UGC).

Member of the Association of Indian Universities (AIU).

Accredited by National Assessment and Accreditation Council (NAAC)







Vision

To achieve eminence in the field of quality technological education and research.

Mission

To develop SMIT into an institute of excellence capable of producing competent techno-managers who can contribute effectively to the advancement of the society.

Objectives

To provide wholesome education to meet the intellectual aspirations of students.

To equip students with techno-managerial skills to enable them to take their assigned role in the industry.

To inculcate essential ethics and values to meet the spiritual needs of the students.

To provide a sound institutional environment nurturing emotional strength, a healthy mind, body and resilience amongst the students.

Message from The Director



At Sikkim Manipal Institute of Technology, it is our endeavor to achieve eminence in the field of quality technological education and research. Our dedicated team of faculty members are committed to provide wholesome education to meet the intellectual aspirations of students and equip them with techno-managerial skills that will enable them to take their assigned role in the industry as thorough professionals.

We also aspire to inculcate all qualities which are essential to make our students contribute effectively to the advancement of the society.

The institute has state-of-the-art infrastructure and an environment conducive to meet academic, extra curricular and co-curricular aspirations of the students to enable them to be industry ready once they graduate from the institute.

We look forward for you to select Sikkim Manipal Institute of Technology (SMIT) as your destination for higher studies. We are sure that your stay with us will enable you to become a thorough professional in the technical field chosen by you.

With Best Wishes,



Prof (Dr.) Ashis Sharma

1.1 SMIT at a glance

SMIT was established in 1997. The courses are approved by AICTE/UGC. The first technological campus of Sikkim offers high quality technological education and promotes holistic growth of the students. Fully residential campus and endowed with natural beauty makes it an ideal place for students to emerge as the potential nation builders.

SMIT offers undergraduate, postgraduate and PhD in various disciplines of engineering, science and management.

1.2 Advantage - SMIT

- Proven and consistent incremental quality since 1997.
- Well qualified faculty members with strong emphasis on creativity and research.
- State-of-the-art infrastructure.
- Excellent placements coupled with dynamic institute-industry interaction.
- Vibrant Entrepreneurship and Incubation Cell promoting establishment of startup/ companies.
- Student centric unique Teacher – Guardian Scheme for effective mentoring.
- Excellent discipline supported by unique Floor Warden scheme.
- Extracurricular activities facilitated by modern amenities for wholesome development of the students.
- Scholarship and benevolent fund to the deserving/needy students.
- Pollution free and peaceful atmosphere – excellent ambience for teaching learning.
- Specialization in B.Tech courses to make students industry ready.



2

2nd Top Private Engineering College – East Zone, India Today, June 2019

11

11th Top India's Best Engineering College – All India, India Today, June 2019

6

6th - Top Engineering Colleges of Super Excellence - CSR-GHRDC, 2019

1.3 SMIT – A glimpse

All the programs of the institute are approved by AICTE/UGC. The institute is also certified by ISO validating the quality processes in place.

Modern infrastructure, facilities and excellent teachers are the backbone of the institute. State of the art recreational facilities helps in energizing the students towards positive activities.

Personal care and student friendly approach are the basic tenets of the functioning of the institute.

Teachers and students combined have led to progressive good rankings of the institute by various ranking agencies.

A residential campus, it offers the best to the students in every sphere.



Mr. Satyarup Siddhanta - B Tech, CSE (2001 batch)

- The youngest mountaineer in the world and the first from India to climb both the Seven Summits as well as Seven Volcanic Summits on 15 January 2019 at 10:10 PM Chile time.
- Guinness World record approved this claim and he is now "officially amazing".



Passion | Perseverance | Belief

1.4 List of courses offered in SMIT

Undergraduate courses

1. *B Tech in Civil Engineering (CE)*
2. *B Tech in Computer Science & Engineering (CSE)*
3. *B Tech in Electrical & Electronics Engineering (EEE)*
4. *B Tech in Electronics & Communication Engineering (ECE)*
5. *B Tech in Information Technology (IT)*
6. *B Tech in Mechanical Engineering (ME)*
7. *B Tech in Data Science & Engineering (DSE)*
8. *Bachelor of Business Administration (BBA)*
9. *Bachelor of Computer Applications (BCA)*
10. *B Sc IT*

Postgraduate courses

1. *M Tech in Computer Science & Engineering*
2. *M Tech in Digital Electronics & Communications Engineering*
3. *M Tech in Information Technology*
4. *M Tech in Power Electronics*
5. *M Tech in Production Engineering*
6. *M Tech in Structural Engineering*
7. *Master of Business Administration (MBA)*
8. *Master of Computer Applications (MCA)*
9. *M Sc (Chemistry)*
10. *M Sc (Physics)*
11. *M Sc (Mathematics)*
12. *M Sc IT*

PhD in all the disciplines.



1.5 Academic Departments

Academic Departments at a Glance

All the departments have highly qualified and experienced faculty members providing quality education and guidance to the students. Faculty member adorn the role of guardian as well to facilitate the integration of students in the department and form a life-lasting bond with the students.

Laboratories of all the departments are equipped with latest instruments to strengthen the teaching-learning process.

Workshops and conferences are organized to expose the students to the latest development in the field and provide a platform to interact with the best minds of various disciplines.

The departments and institute have collaboration with various research labs and institutes of India and abroad for carrying out research and development in the frontier areas.



1.5.1 Civil Engineering

The department was established in 2009 and offers B Tech, M Tech and PhD programme.

Research and Development

Active research in frontier areas of Civil Engineering such as water resources, water scarcity and drought, climate-change impacts on water resources, earthquake-resistant structural design etc.

Sponsored research projects from Govt. of India and Govt. of Sikkim

Consultancy projects from Govt. of Sikkim and industries

Good number of publications in reputed international journals

Laboratories

Material Testing, Advanced *Fluid Mechanics*, Geology, *Soil-Geotechnical*, Survey, *Environmental Engineering*, *Computational*



“Having studied in SMIT for 4 years has developed me into a skilled professional to take up the challenges of the outside world with my knowledge and skills.”



Ayushmita Choudhury
(2015 batch)

“SMIT has provided me the best facilities, well equipped labs that have always provided me the correct guidance and showed me the path for success. Thank you SMIT for what I am today”



Sreejita Biswas
(2010 batch)
MS in USA

“It was a great time I spent in SMIT. The relationship between faculties & students is very cordial and campus environment is very positive.”



Subir Roy
(2010 batch)
Assistant Engineer
Govt. West Bengal

Student Activity

Organisation of annual departmental techno-cultural fest – **CELESTUS** and other student related activities

Workshop

Workshops are organized regularly, aiming practical training on various aspects of Civil Engineering such as *Bridge Design, Seismic & Toll Building Design.....*

Achievements (Faculty/Department)

Resource persons in various committees of Government organizations & academic institutions

Impart training to Govt. engineers of Sikkim on RVS and Earthquake resistant features of buildings

As experts in faculty selection committees of various institutions

Reviewer of prestigious international journals published by Springer, Elsevier.....

The department has been chosen as State Technical Agency by National Rural Road Development Authority, Govt. of India

Students and Alumni

Pursuing higher studies abroad

Placement in reputed companies in India and abroad

As faculty members in foreign universities



1.5.2 Computer Science & Engineering

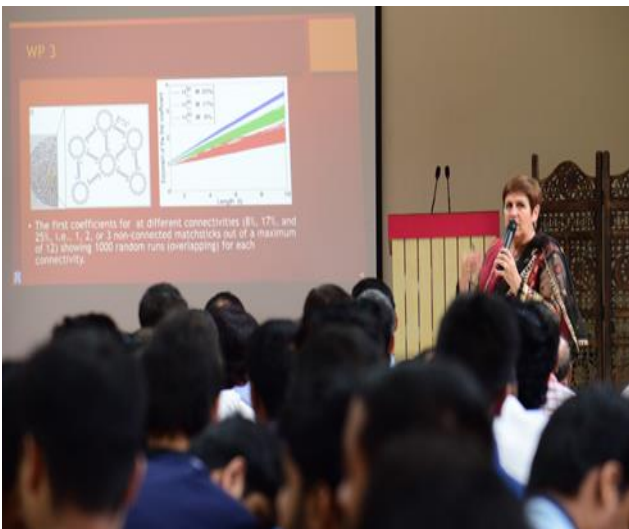
The department was established in 1997 and offers B Tech, M Tech and PhD programme.

Research and Development

A good number of research projects funded by AICTE and NNRMS/ISRO (Bangalore).

Active research area; Big Data, Cloud Computing/HADOOP, and Data Analytics, Networks-Wired/Wireless, Sensor, Remote Sensing & GIS, Robotics & Intelligence System, Soft Computing, Digital Image Processing, Natural Language Processing, Cryptography & Network Security, High Performance Computing, Quantum Computing

Regular publication in journals and conferences



"4 years spent in SMIT were the most enriching, fruitful and memorable moments of my life. The overall environment is very conducive and the ecosystem is very supportive to pursue not just education but develop one's personality as well."



Beauty Barman.
(2009 batch)
Consultant- Deloitte USI

"What I am today, the entire credit goes to CSE department of SMIT. The knowledge, guidance provided and the rigor I was put through helped me to face any challenge in life."



D. Praveen Reddy
(2014 batch)
MS in Data Science
RMIT University
Australia

"SMIT offers an enriching blend of learning, extra-curricular activities and an integration of enduring principles. The willingness of the professors to guide and support us, not only in the areas pertinent to their class but also in our endeavors outside the classroom, is what inculcates the spirit of belongingness to the department."



Ankita Saraf
(2008 batch)
Data Analyst
Adobe

Laboratories

Advanced Programming, Post Graduate & Research I & II, Basic Programming, Digital Circuit & Logic Design, Network, Robotics, Remote Sensing & GIS, Multi-Programming

Student Activity

Cultural/Tech fest

ACCESS (All Core Computer Engineering Students Society) organizes Annual Intra College Techno - Cultural Fest **VAASTUSASMITAM**

Societal responsibility

Handling social responsibilities through “Swachh Mission”, “Mission Education” and Blood Donation Camps

Conferences/Workshop

International Conference on “Advanced Computational and Communication Paradigms (ICACCP-2018)”, 25 February 2019 – 28 February 2019

Students Achievements

Students performed well in **CAT/MAT, GATE, GRE, TOEFEL and IELTS**, and pursuing higher studies in reputed institutes of India and abroad

Tabish Imran and Madhup Sukoon are in the process of registering a company under **START UP INDIA**, supported by **AIC-SMU Technology and Business Incubation Foundation**



1.5.3 Electrical & Electronics Engineering

The department was established in 1997 and offers the following programs:

B Tech, M Tech and PhD programme.

Research Activities

Active research is carried out by faculty members and students

Research is carried in the frontier areas of the field like Biomedical Applications; Renewable Energy; Energy Technology & Management, Modelling & Optimization of Various Electrical/ Electronic Smart Devices

Research projects funding agencies - **AICTE, MNRE, SERB**

Laboratories

Power System; Electrical Machines; Electrical Circuits and Simulation; Electrical Drives; Power Electronics; Control Systems; Analog System Design; Electrical Measurement; Advance Computing; Microprocessor, Microcontroller & Embedded System



“My experience at SMIT was spectacular. I could work along with teams from diverse backgrounds, a skill that transferred to the work space automatically.”



Gauraang Dhar
(2009 batch)
Manager- Partner
Growth, Zomato
Delhi, India

“I have witnessed an immense transformation from being a studious girl to a responsible would be engineer.”



Noimisha Hazarika
(2016 batch)

“Surrounded by hills and a lush green campus, Sikkim Manipal Institute of Technology (SMIT) is one of the most beautiful campuses in India.”



Ajit Jain
(2009 batch)
Delta Electronics India

Student Activity

SEED the student society conducts various events like **Ankurit** (Annual Techno-cultural fest), social welfare programs like a school for the underprivileged students of the nearby villages, *Swachh Bharat Abhiyan*

Participation in various intra-college and inter-college competitions.



Conference/ Workshop organized

“International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy” (ETAERE-2016), 17-18 Dec 2016

Three days workshop on ‘*Computational Information Processing*’ in collaboration with *Indian Statistical Institute, Kolkata*



Achievements

Neha Agarwal student of 4th yr. received **NASCOM Dewang Mehta Award** for Academic Excellence in Siliguri, West Bengal

Sneh Ratna student of 4th yr. secured **1st position** in district and State level debate, Sikkim

1.5.4 Electronics & Communication Engineering

The department was established in 1997 and offers B Tech, M Tech and PhD programme.

Research and Development

Funding of research projects from govt. agencies like DRDO, Bose Institute, DRDL & AICTE

Active research in frontier areas

Digital RADAR for Remote Sensing and characterization of Missiles and Light combat aircraft, 5G_IoT

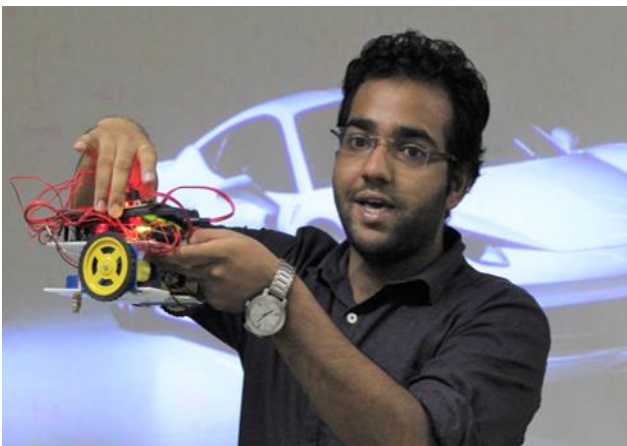
Remote Environment sensing for pre-cursoring of earthquake

Device and Nano Technology

Speech Processing

Antennas

Regular publications in journals and conferences...



"Dept is where creativity is amplified to generate ideas that can wonder the technical world."



Pushpak Chakraborty
Product Manager at
Aware
(2012 batch)

"Socially, academically, spiritually, professionally and otherwise, I have grown through my SMIT experiences."



Akriti Sanvi
MS in USA
(2012 batch)

"Faculty Members of the Dept. are very helpful and approachable. The Dept. encourages the student to do better in all fields, be it academics, sports and other co-curricular activities."



Dimple Das
Current Student
(2016 batch)

Laboratories

Digital Electronics; Microprocessor; VLSI/ Embedded System, Analog Electronics/ Electronic Device; Basic Communication; Advance Communication; Microwave; Broad band Communication; DSP/ SCS

Students Activity

ESCA (Student Society) regularly conducts workshops in various topics for the students

ESCA organizes techno-cultural fest

Social Campaigns

ESCA conducts various social drives to financially support local school. It also engages in environmental protection and maintenance drive like tree plantation drive and cleanliness campaign

Conferences/Workshop

“International Conference on Communication, Devices and Networking”, 9-10th December, 2019



1.5.5 Information Technology

The department was established in 1999 and offers B Tech, M Tech, BSc IT, MSc IT and PhD programme.

Research and Development

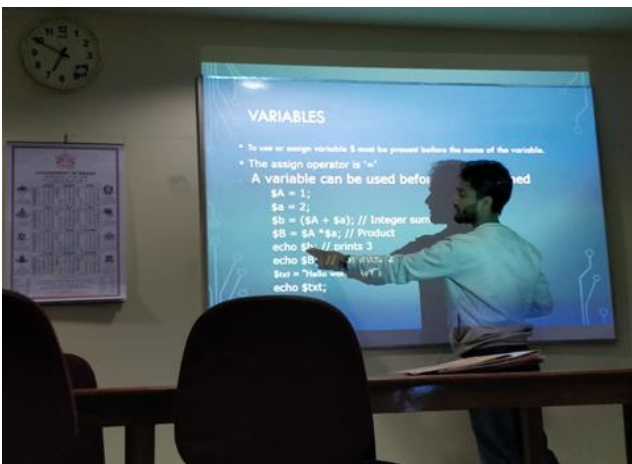
Active research in frontier areas like Computer Networks, Wireless Sensor Networks, Distributed Systems, Cloud Computing, Data Mining, Image Processing & Pattern Recognition, Cryptography and Information Security, e-Governance, Speech Processing, Information Theory and Coding

Funding from govt. agencies like AICTE and DeitY

Regular publications in Journals and Conferences....

Laboratories

Basic Computing, Data Communication, Soft Computing, Artificial Intelligence & Robotics, Distributed Systems, and RFID & Smart Card.



"The campus has an excellent infrastructure and is a perfect blend of nature and student friendly amenities. A Big Thank-you to all my faculty members and friends for this amazing journey."



Amit Kr. Pandey
(2005 batch)
AT&T, Bengaluru

"The faculty is very encouraging and supportive, they made learning easy and fun. The training and placement cell has a very hardworking team which continuously strives for 100% placement for our college students."



Veethika Sinha
(2008 batch)
TCS, Noida

"A better human being, a better developer and a dream to achieve something big is all, I hoped for.... I am delighted to say that the faculties and the staff of Information Technology has helped me to achieve these dreams."



Vishal Tiwari
(2015 batch)
Amazon, India

Student Activity

Societal responsibility— Various Awareness social drives are carried out under the banner of **SAMAJ** and **FORUM 2K** .

Cultural/Tech fest— **FORUM 2K** periodically organizes techno and cultural functions

Conferences/Workshop

“4th ISI Workshop for the North-Eastern Region on Pattern Analysis & Applications” in collaboration with Computer Vision and Pattern Recognition (CVPR) Unit, Indian Statistical Institute (ISI) Kolkata, 6 -10 Feb., 2017

Achievements

NASSCOM Dewang Mehta Excellence Award, 2016 to Mr. Saurabh Shresth, a 4th year student of B Tech (IT)

Afterglow Pvt Ltd a company registered under SMUTBI-SMIT has been selected amongst the prestigious Elevate 100, as one of the most promising startups, amongst 1800 companies by the Government of Karnataka in 2017

Department was **selected and sponsored by the Government of India** to offer **Diploma in e-governance (DeG)**. it is a platform to train mid-level government officers serving in North Eastern region of India



1.5.6 Mechanical Engineering

The department was established in 1997 and offers B Tech; M Tech and PhD programme.

Research and Development

Funding of research projects by govt. agencies - AICTE, NIF, RuTAG-NE (IIT Guwahati), DST

Active research in frontier areas - Non-traditional Machining; Micro-machining; Conventional machining of advanced materials; Production management and optimization; Energy planning and management; Renewable energy; Advances in composite materials; Tribology

Quality publications in journals and conferences....

Laboratories

Basic workshop, Machine shop, Strength of Materials, Thermal Engineering - I & II, Metrology, Machine Dynamics, CAD/CAM, Energy system, Automobile, Advanced Machining, Computational, Post Graduate Research



"Those four years in my ME Dept., SMIT was really wonderful. All other places prepare engineer but I can tell that my department teachers made us strong and better person along with being trained as an engineer."



Pinaki Bhattacharjee
(2004 batch)
M.N Dastur & Co (P) Ltd

"A good branch to study here. Teachers are knowledgeable and cooperative . Labs are well equipped with every machine and machine tools. Syllabus is designed as per GATE exam and industrial requirements. "



Mohit Hota
(2011 batch)
Cameron,
A Schlumberger
Company

"Department has great supportive teachers and has a good environment to stay and learn."



Sushant Kumar Jha
(2012 batch)
IRSME(P)-2017

Student Activity

Societal responsibility - Organizing free medical health checkup camp in association with Red Cross Society and CR Hospital; Supporting primary school with teaching aids

Cultural/Tech fest - MEDUSA organizes various techno and cultural activities

Participation in International Association for the Exchange of Students for Technical experience (**IAESTE**)

Allen Mathew Thomas –7th Semester (went to Vietnam), 2017

Vishal Choudhury –7th Semester (went to Turkey), 2017

Society of Automotive Engineering (SAE)

Organizing various technical events to promote students in the field of Automobile Engineering

Participation in various national and international events like Formula car racing, Go-Kart competition etc

Conferences/Workshop organized

“International Conference on Mechanical, Materials and Renewable Energy” (**ICMMRE-2017**), 8 -10 December 2017

Achievements

Smart wheel chair won 2nd position in inter college major project competition

SMIT Mechanical Engineering students fabricated the first ever formula car in the state Sikkim

Sushant Kumar Jha, B Tech graduate of 2015 has cleared UPSC IES 2017 exam with AIR 16

Number of students have qualified in CAT & GATE and pursuing higher studies in reputed institutes of India

First Woman Pilot of Indian Navy: Shivangi B, Tech (ME) 2012.

Lieutenant Shivangi became the First female Pilot of Indian Navy .



1.5.7 Department of Management Studies

The department was established in 2000 and offers BBA, MBA & Ph D programme.

Research and Development

Regular publications in reputed journals and conferences

Active research in various fields of management

Societal Responsibility

Organizing various awareness programs such as Plantation Drive, Environment Protection, Health Drive....

Supporting underprivileged children of the local community

Conferences/Workshop

Management Development Programme on “**Positive Change Management**”, for Industry Professionals, 28 February, 2017

Student Achievements

Won prizes in competitions like Business Plan Competition, State level Taekwondo competition, Table Tennis, Drama and Quiz



“SMIT has given a lot to me and I shall always be indebted to SMIT for bestowing favors on me. It’s been 13 years, I have been out of SMIT, but the memories still linger in my mind.”



Dalim Rai
(2005 batch)
Release Analyst
ANZ Bank
Bengaluru.

“I would like to tell my Mumbaikars that if they are in search of a heaven, then Sikkim is the best possible search for them. This place is paradise.”



Shlok Arya
(2016 batch)

“SMIT has given me memories which I will be cherishing through out my life. The department and institute have contributed immensely in grooming my persona as a complete human being.”



Hemanta Upadhyay
(2017 batch)

1.5.8 Department of Computer Application

The department was established in 2001 and offers **BCA, MCA & PhD** program.

Research and Development

Research projects funded by AICTE and other agencies

Active research in frontier areas

Regular publications in conferences and reputed journals

Student Activity

Societal responsibility (Computer Application Student Society 'CASS')

Organizing Blood Donation Camps, supporting underprivileged children

Organizing workshop on DBMS, HTML, JAVA, Networking using CISCO Packet Tracer for the school children

Cultural/Tech fest

Workshop in collaboration with IIT Hyderabad (BrainTEch)

Conferences/Workshop

"Cyber Security (Ethical Hacking)", 14 - 15 Oct 2017

"IC3 conference on Computing and Communication", 24 - 25 March 2018



"I grasped not only a firmer grip on the said domain of academics but also developed a fond attachment to all that constitutes the institution; the amazing teachers, fellow students and friend and the tranquil evenings after a hectic day of classes."



Paul Lyngdoh
(2015 Batch)

"The relationship between faculties and student is very cordial, which gave me an opportunity to excel in my career and energy to move forward in my life. The five years in SMIT were splendid and has helped me to grow better professionally"



Manoj Upadhyay
(2014 batch)

"SMIT was a place that transformed me into a successful programmer with confidence to tackle any challenge in the world. The days in SMIT till today are the best days of my life."



Bhaswar Dutta
(2003 Batch)

1.5.9 Chemistry

The department was established in 1997, offers MSc, PhD and supports B Tech program.

Research and Development

Two patents: i) potential anticancer drug ii) Cadmium sensor

Research in frontier areas of chemistry

Good number of publications in reputed journals and conferences

Conferences/Workshop

Science Academies Lecture workshop on "Emerging Trends in Chemistry and its Pharmaceutical Applications" 30 – 31 October 2017

"International conference on synthetic potent molecule and its application " Oct 30-31, 2018

Achievements

Qualifying competitive exams like NET/GATE

Doctoral studies in India and abroad

Placement in companies abroad

Post Doctoral Fellows in various countries



"I am very grateful to all the teachers of the department who have put in their best to nurture and mould students to their best."



Anusha Pradhan
(2012 batch)
PhD Student
Kyushu Institute of
Technology, Japan.

"At the core of our department is a very supportive faculty talking about the concept of education and learning. They emphasise mentorship and guidance to their students. The Department is a house full of opportunities and SMIT has helped pave a path for that opportunity. "



Norchenla Dolkar Namka
(2017 batch)

"My two year M.Sc. program at SMIT has helped me to meet my career goals. The department and teachers have provided me the opportunity to grow and enrich my knowledge as well as develop my personality. The education and experience I received at SMIT is invaluable to me."



Divya Rajan
2007 batch
Process Engineer
Intel Corporation
Oregon, USA

1.5.10 Physics

The department was established in 1997, offers MSc, PhD and supports B Tech program.

R&D

Research in frontier areas of physics

Good number of publications in reputed journals and conferences

Student Activity

Societal responsibility

Active participation in Clean & Green Campus project, Digital India drive.

Achievements

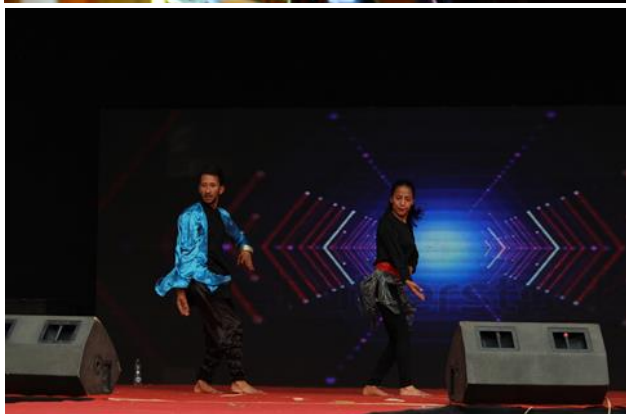
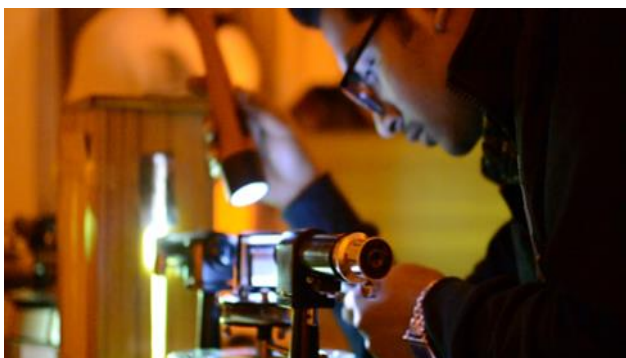
Qualifying competitive exams like NET/GATE

Doctoral studies in India and abroad

Mr. Umesh Dhakal, pass out student has cleared CSIR UGC-NET 2017 exam with AIR 13

Placement in companies abroad

Post Doctoral Fellows in various countries



"I am thankful to SMU for excellent academic environment during my masters at SMU and providing support to clear national level examinations which helped me to become a scientist at ISRO."



Bijoy Raha
(2005 batch)
Scientist ISRO

"SMU has given the platform to pursue my dream. I am a proud alumni of SMU."



Shibabrata Basak,
(2005 batch)
Post Doct. Netherlands

"My experiences at SMU was like exploring a new world. It provided me a bridge to achieve success and my life took a new turn. The inspiration and motivation I received from the department of Physics were priceless. "



Jaya Maji,
(2004 batch)
Assistant Professor
RPM College
University of Calcutta.

1.5.11 Mathematics

The department was established in 1997, offers MSc, PhD and supports B Tech program.

Research and Development

Funding of sponsored research projects from government agencies

Active research in frontier areas of science and technology

Good number of publications in reputed journals and conferences

Conferences/Workshop

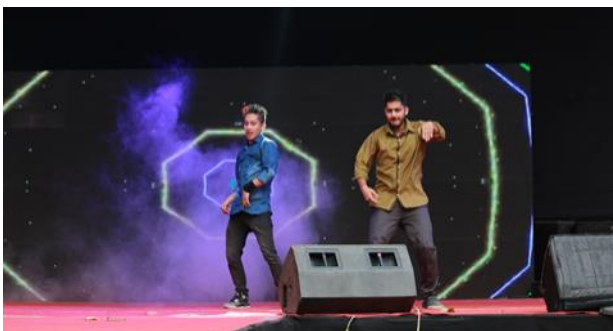
“National workshop on Matrices and Graphs”, January 2 - 7, 2017

“National conference on Linear Algebra and its Application”, 9 -10 January, 2017

Achievements (Faculty)

Experts in faculty selection committees of various institutions

Editor and Reviewer of various prestigious journals



“I joined SMIT in 2003, which was one of my best decisions, I ever made in my life. The time spent in SMIT was instrumental in shaping my career.”



Kshittiz Chettri
(2003 batch)
Assistant Professor,
Sikkim Govt. College

“I was extremely lucky to get a chance to be a part of SMIT. It was a life changing moment for me. SMIT was the ideal place for me to focus on my studies and think about my career.”



Symphony Chakraborty
2007 batch
National Taipei University of
Technology, Taiwan.

“SMIT has been a very wonderful experience for me. To study here was the best decision ever. I have completed my M.Sc. from SMIT and now I am currently a full time Ph.D. scholar in Dept. of Mathematics, SMIT. ”



Jharna Tamang
2014 batch



1.6 Programs and Eligibility Criteria

1.6.1 B Tech Programme

Duration: 4 years (Eight Semesters)

Eligibility:

(10+2) pass ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC) with Physics, Mathematics and Chemistry/
Computer Science/Informatics Practices/Biotechnology/Biology

OR

Diploma ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC) in any branch of engineering awarded by a State Board of Technical Education

Note: Candidate appearing in qualifying examination may also apply for the entrance examination.

SMIT Online Test – Conducted by SMU specifically only for SMIT.

***JEE** – Conducted by CBSE, candidates need to apply and later submit the score sheet.

MET – Common entrance test for Technological Institutions of Manipal Group.

* SMIT does not participate in common counselling of JEE, Seats are allotted on the basis of JEE score under General, NE, Sikkim, Defense and Gorkha Territorial Administration (GTA) category.

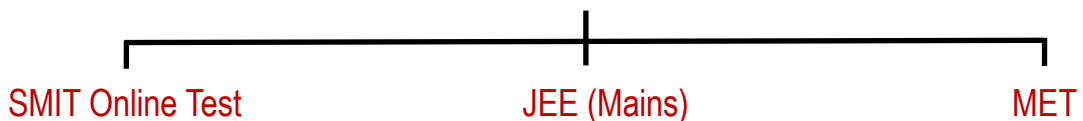
At the time of counselling

NE – Valid permanent residence certificate is mandatory

Sikkim – Nominated by Director Technical Education, HRDD, Government of Sikkim

Defense and Paramilitary – Preference will be given to personnel stationed in Sikkim

Entrance Examination for B. Tech



GTA – Letter from Principal Secretary, GTA

NRI - Candidates interested to apply under the category of Non-resident Indians (NRI) /Person of Indian Origin (PIO), Foreign National/ Indian Worker of Gulf Countries should fill and submit the application form in the website.

Proof of category is mandatory along with NOC and equivalent educational certificates, wherever applicable. Format for Sponsorship letter for NRI applicant is given in Annexure I, Page 103.

NOTE: Candidates from Bhutan and Nepal are also eligible to appear in SMIT Online Test If selected, the admission will be given under General Category and a scholarship as applicable.

1.6.2 Lateral Entry in B Tech

Duration: 3 years (Six Semesters)

Eligibility:

Three years' diploma in appropriate branch of engineering ($\geq 60\%$ for General, $\geq 55\%$ for SC/ST/OBC)

OR

BSc with Mathematics as one of the subjects, ($\geq 60\%$ for General, $\geq 55\%$ for SC/ST/OBC)

Admission of Students from Other Universities

Admission in second year of engineering (III Semester) on transfer basis is permitted subject to fulfillment of University norms and availability of seats.

Candidates should contact Chairman, Admission along with marksheet/Grade Card and No Objection Certificate (NOC) from the institute last attended.

1.6.3 Bachelor of Business Administration (BBA)

Duration: 3 years (Six Semesters)

Eligibility:

Candidates should have passed (10+2) Examination ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC)

1.6.4 Bachelor of Computer Application (BCA)

Duration: 3 years (Six Semesters)

Eligibility:

Candidates should have passed (10+2) Examination ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC)

1.6.5 B.Sc. IT

Duration: 3 years (Six Semesters)

Eligibility:

Candidates should have passed (10+2) Examination ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC)

1.6.6 M Tech Programme

Duration: 2 years (Four Semesters)

Eligibility:

Bachelor degree in relevant branch of Engineering ($\geq 55\%$ for General, $\geq 50\%$ for SC/ST/OBC)

M.Sc. in Electronics/Computer Science/Information Technology/Physics/Mathematics/ Statistics/ MCA are also eligible for M Tech (CSE/IT)

Entrance Exam – GATE / SMIT

Sponsored candidates may also apply.

Note: Teaching assistantships are awarded to deserving candidates.

1.6.7 Master of Business Administration (MBA)

Duration: 2 years (Four Semesters)

Specialization: Dual specialization in Marketing and Human Resource Development / Finance / Systems / Operations Management / Project Management / Quality Management / Banking Management / International Business Management

Note: Other than Marketing, Second Specialization will be offered subject to minimum strength of 10 students per specialization.

Eligibility:

Graduate ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC) in any discipline.

Candidates appearing in Management Aptitude Test (MAT)/Combined Aptitude Test (CAT/GMAT) / Common Management Admission Test (CMAT)

OR

Entrance exam conducted by SMIT followed by GD and PI

1.6.8 Master of Computer Application (MCA)

Duration: 3 years (Six Semesters)

Eligibility:

Bachelor's Degree ($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC) (3 years duration) with Mathematics at 10+2 level or at Graduate Level

Entrance Examination conducted by SMIT

1.6.9 MCA Lateral Entry

Duration: 2 years (Four Semesters)

Eligibility:

BCA, B Sc (IT/Comp. Sc.) with Mathematics at 10+2 level or at Graduate Level

($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC)

Entrance Examination conducted by SMIT

1.6.10 M.Sc. IT

Duration: 2 years (Four Semesters)

Eligibility:

BCA / B.Sc. Computer Science (Gen and Hons.) / B.Sc. (IT) with Mathematics in 10+2 level

Bachelor's degree in any discipline with Mathematics/ Statistics as one of the subjects at 10+2 level or Graduation

($\geq 50\%$ for General, $\geq 45\%$ for SC/ST/OBC) in the qualifying examination

1.6.11 M Sc (Physics/Chemistry/Mathematics)

Duration: 2 years (Four Semesters)

Eligibility:

B Sc (Gen/Hons) in the relevant subject

Note: Candidates from Bhutan and Nepal are also eligible to apply for the courses offered by SMIT. If they are selected on the basis of merit, the admission will be given under general category.

1.7 Infrastructure/Facilities

Hostel Facilities

All the students are provided twin sharing well furnished rooms with attached bathrooms.

Limited Single (AC/Non AC) and Double (AC) also available.

Night Canteens are available in all hostels.

Non interrupted electricity and water supply is ensured throughout the year.

Automated Laundry System is being established.

Library

The institute has excellent library facilities serving to diverse needs of the students.

Online journals and online access to libraries of various institutes are some of the resources availed by the users.

Library Timings

Week days: 9:00 AM to 8:00 PM

Sundays/Holidays: 9:00 AM to 4:00 PM



General Facilities

The shopping Centre of the campus consists of the following facilities: Union Bank of India, ATM of Axis Bank & Union Bank of India, Post Office, Stationery Shop, Binding, Lamination, Xerox Shop, Beauty Parlour, Barber Shop, Pharmacy etc.

In addition, stationery shop, general store and SBI ATM are located within the academic premises.

Food Court & Indoor Sports Complex (MARENA)

The institute has an ultra-modern indoor sports complex and a sprawling Food Court is also a part of the complex. Various facilities available are: Temperature Controlled Swimming Pool, Bowling Alley, Squash Court, Multi-Purpose Gym Hall, Yoga Room, Aerobics Room, Meditation Room, Table Tennis, Foos Ball, Carrom, Sauna Bath, Steam Bath, Badminton Court, Basket Ball Court, Auditorium and Tennis Court.



1.8 Student Support

1.8.1 Teacher Guardian (TG) Scheme

It is a unique scheme wherein the students are mentored by faculty member as a teacher, as a guardian and as a friend. Regular feedback and interaction with the parents are integral component of this scheme. This is a scheme which helps the student to bond with the new environment and place naturally.

1.8.2 Students' Benevolent Fund

The scheme provides financial assistance to the students, who are facing problems due to unforeseen circumstances in the family. It helps the needy students to overcome the rough period and smoothly complete their study in the institute.

1.8.3 Medical Facilities

SMIT Health Centre provides primary healthcare to the students and staff. Resident doctors and nursing staff along with ambulances are available round the clock. In addition, Central Referral Hospital of the University located at Gangtok provides general and specialized services.

Students are covered under **MEDICARE** scheme for treatment in a *Super Specialty Hospital* of the university.

1.9 Student Activities

1.9.1 Student's Council

Student's Council is the elected body of students comprising of Vice President, General Secretary and secretaries, which looks after the students' requirement in the campus. Student's Council plays an active role in promoting techno-cultural/sports spirits amongst the students through various events spread across the year.

Student's Council members interacts with the administration on a continual basis and are a part of various important committees that addresses the concerns of the student community.

Student's Council can be considered as a pride of the institute and has contributed significantly towards the betterment of student's experiences in the institute.



1.9.2 Students Club/Societies

Large number of student's club function under the office of Associate Director (Student's Affairs). In addition, every department has its own student clubs/societies.

These clubs organize large number of events and serves to enrich the students experience in myriad form.

1.10 Institute Scholarship

- I. 30% concession on Course fee for B Tech candidates having average PCM (Physics, Chemistry & Mathematics) percentage 90 and above.*
- II. 20% concession on Course fee for B Tech candidates having average PCM (Physics, Chemistry & Mathematics) percentage between 85 and 90.*
- III. 10% concession on Course fee for B Tech candidates having average PCM (Physics, Chemistry & Mathematics) percentage between 80 and 85.*
- IV. 20% concession on Course fee for B Tech candidates of Nepal and Bhutan.*
- V. 10% concession on Course fee to the immediate siblings of SMIT Students for taking admission in B Tech course.*
- VI. 75% concession in tuition fee is given to students sponsored by Govt. of Sikkim.*

Note: Candidate can avail only one type of scholarship. Institute Scholarship Schemes (i) to (v) are applicable to only B Tech students during entire duration of study subject to fulfilment of criteria of CGPA \geq 6.5 with no backlog and no disciplinary case.



List of the students, awarded Institute Scholarship during the year 2019-20

SL	ADMISSION NO	NAME	SL	ADMISSION NO	NAME
1	201900006	Jerome Amruth Reddy Gopu	46	201900281	Piash Chandra Sarker
2	201900008	Piyanshu Mangla	47	201900284	Ishita Bhardwaj
3	201900022	Achalla Sampath	48	201900288	Keniya Roy
4	201900029	Rinzing Namgyal Rai	49	201900296	Matha Sampath Sai Vamsi
5	201900036	Aditya Prasad Mishra	50	201900297	Umang Gurung
6	201900041	Amrit Shukla	51	201900298	Khushi Khurana
7	201900043	Vaibhav Singh Soun	52	201900301	Abhivardhan Misra
8	201900047	Achintya Raj	53	201900302	Shuvam Ganguli
9	201900049	Aryamaan Borah	54	201900303	Satya Patra
10	201900052	K. Sai Nihal	55	201900304	Yenduri Satyavinay Prajwal
11	201900053	Sunny Sinha	56	201900306	Rajyavardhan Choudhury
12	201900058	Samarth Agarwalla	57	201900307	Rishabh Chauhan
13	201900073	Abhik Dey	58	201900309	Kamil Anwar
14	201900083	Sudipta Roy	59	201900310	Vaibhav Bhajanka
15	201900120	Aniruddha Bhattacherya	60	201900311	Thota Rajeshwar Rao
16	201900138	Harshita Mehrotra	61	201900313	Motamarri Gagan Chandra
17	201900143	Ankit Adhikari	62	201900314	Pentakota Chaitanya
18	201900144	Abhishek Rizal	63	201900315	Saran Agarwal
19	201900152	Chirag Govinda Shrestha	64	201900316	Reekraj Roy
20	201900155	Sahu Hariom Kamta Prasad	65	201900318	Kaushik G S Bhudavaram
21	201900157	Kritesh Dawadi	66	201900321	Ayush Bhatt
22	201900163	Tanya Rajpal	67	201900323	Ratnam
23	201900171	Aaditya Pal	68	201900324	Jajala Praneeth
24	201900175	Khushi Kanoi	69	201900325	Samyak Mehta
25	201900179	Mahesh Manikanta Kambham- pati	70	201900328	Kshitij Pathak
26	201900184	Isha Rameshwaram	71	201900329	Anirban Mal
27	201900185	Keshabh Kedia	72	201900332	Prabhav Batra
28	201900186	J. Satyaraj	73	201900334	Jhanvi Mimani
29	201900190	K Amrithanshu	74	201900335	Aniket Gautam
30	201900194	Bipanshnu	75	201900339	Lakkimshetty Mrinal Raj
31	201900197	T. Rohit Bharadwaj	76	201900344	K Gnana Sri Vatsa
32	201900206	Chirag Sinha	77	201900365	Varun Taduri
33	201900208	Tanay Das	78	201900366	Yalamanchili A V Sandeep
34	201900227	Abhinav Trivedi	79	201900369	Aniket Dutta
35	201900228	Manish Ranjan	80	201900375	Ayush Shekhar
36	201900241	Sudeepto Baidya	81	201900396	Yelike Sai V V Krishna
37	201900242	Sahil Agarwal	82	201900405	Faiz Ali
38	201900248	Mohammad Salman	83	201900409	Mallela Bhavana
39	201900250	Suman Gurung	84	201900438	Abhishek Barua
40	201900254	Anuska Sarkar	85	201900439	Rimi Das
41	201900256	Abhigyan Singh	86	201900440	Pratima Das
42	201900257	Aradhya Adhikari	87	201900444	Ujjwal Basnet
43	201900258	Sumedha Rijal	88	201900445	Niva Shrestha
44	201900266	Uprant Parajuli	89	201900446	Ritik Anand
45	201900277	Aryan Kumar	90	201900450	Shourav Banik

1.11 Achievements

- Establishment of Atal Incubation Centre (AIC) has been sanctioned to SMIT under Atal Innovation Mission, by NITI Aayog, Govt of India with the grant of Rs 8 Crores. This provides a platform to the young innovators to translate their ideas into products and development of enterprises. AIC –SMU-TBI is the first incubator of NITI Aayog in eastern INDIA.
- A multi-crore project for development of latest radar system in collaboration with DRDO Hyderabad has been successfully completed and tested.
- Afterglow Tech (OPC) Pvt Ltd, the startup company was selected as one of the most promising startups from 1800 companies across India at ELEVATE 100, organized by the Government of Karnataka. The company will be receiving grants of up to Rs 35 Crores as part of the initiative.
- SMIT takes pride in being selected by the Government of India, as a center for the whole North East region to offer Diploma in e-Governance targeting mid level government officials of north east region.

1.12 International Collaboration

SMIT has signed MOUs for international collaboration for promoting academics and research with

- I. *Baekseok University (BU), Republic of Korea*
- II. *AUREL VLAICU University of Arad, Romania*
- III. *Jan Wyżykowski University, Poland*
- IV. *Firma POLKOWSKI, CompExpert, Polkowice, Poland*
- V. *College of Electrical Engineering and Computer Science (National Taipei University of Technology), Taiwan*

1.13 Recent Developments

- i. **High performance supercomputing facility – Param Shavak in collaboration with C – DAC, Pune** has been established in Research & Development centre of SMIT.
- ii. A MoU has been signed with The International Association for the exchange of students for Technical Experience (IAESTE) for short term internship/projects.



1.14 Training & Placement

Training & Placement (T&P) Cell is the hub of all interaction between the Corporate, Industries, and Academic/Research Institutions, with SMIT. The T&P Cell functions with the following objectives:-

To provide in-house training to students to supplement their curriculum.

To arrange the final semester industrial projects to work on live problems (Practice Schools).

To bring Industrial establishments to the campus for recruitment of students.

To inculcate entrepreneurial culture among the students and encourage them to start their venture with the support of Atal Incubation Center, funded by Niti Aayog, Govt. of India.

To achieve the objectives, T&P organizes courses and training programmes to enhance the aptitude and skill of the students to increase employability. Regular feedbacks are also obtained from the industries on the advances in technology vis-à-vis the facilities in the Institute and appropriate actions are taken.

T&P Cell also organizes events like seminars, workshops, guest lectures and corporate interactions.



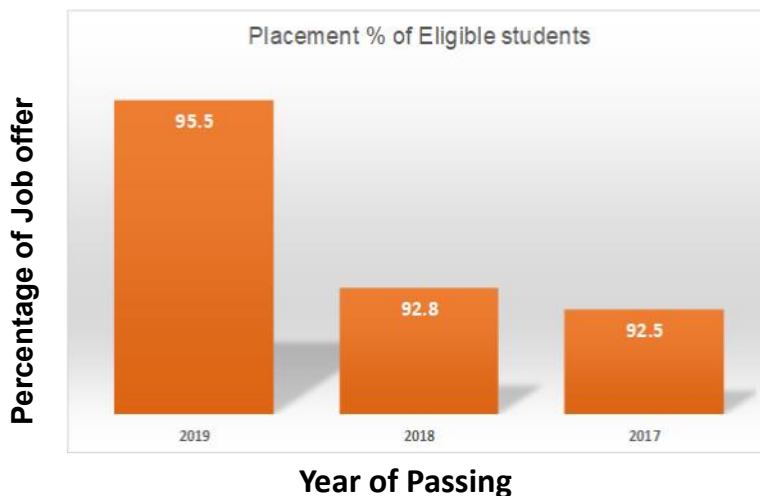
Placement Statistics

Year of Passing	Placement % of Eligible students	Highest Salary (LPA)	Average Salary (LPA)
2019	95.5	18	4.85
2018	92.8	22.38	4.76
2017	92.5	12	4.5

Star Recruiters (2019 Passout Batch)		
Micosoft	Amazon	SmartPrix
(10.00 LPA)	(18 LPA)	(10 LPA)
ThoughtWorks	Think & Learn	DELL
(9 LPA)	(9 LPA)	(8 LPA)

Summary of Compensation – 2018 Passout Batch

Highest salary	INR 22.38 LPA
Average Salary	INR 4.94 LPA
Median Salary	INR 3.13 LPA
Mode Salary	INR 3.5 LPA



Some of our Recruiters for 2020 batch

****Over 80% of the eligible students from 2020 batch are already placed in advance (till December 2019) in **Microsoft**, Dell, **IBM**, Wipro, **MU Sigma**, Tommy Hilfiger, **Bosch**, Cognizant, **Daikin** Boston Scientific, **Shell**, Wells Fargo, **Infosys**, Idemia, **Thoughtwork**, TCS, **FL Smidth**, Ericsson, **LT Elevators**, AGS India, **Wipro**, Emami, **Britannia**, Nomura, Talview, **Mphasis**, Ixia (A Keysight Business), **Byjus**, Just Dial, JLL**



and many more

1.14.1 Recruiters & Internship providers

Adhunik Group	Keross
ACC Ltd.	Kotak
AGS	Larsen & Toubro
Airtel	LT Elevators
Amazon	Macleods
Apollo Tyres	MaGE
Asahi India Glass	Medullus
Astha Tech	Mercedes-Benz India Private Ltd
Bajaj Allianz	Microsoft
Boston Scientific	Mphasis
Byjus	NEDFi
Capgemini	Nomura
Central Bank of India	Optimus
CGI	Paragyte
Cipla	PricewaterhouseCooper
Cleartax	Prototech
ClickOnCare	Pyramid
Computronics Technologies	Quinoox
Cummins	Reliance
Daikin	S.K Samanta
Dalmia Cement	Safran
Dell	Schneider
DRDO	Shell
E- Construct	Shriram Transport
Electrolab	Siemens Ltd
Ericsson	Sistema Shyam Teleservices Limited (MTS)
FL Smidth	Solarize Global
G.K Infrastructure	Sony
Gamma Analytics	SourceN
Genesis	Spanco
Halodoc	Sprinklr
HCL	Stesalit
HDFC Bank	Sunrator
HDFC Bank	Talview
HSBC Technology	Tata Consultancy Services (TCS)
IBM	Tata Motors
ICICI	Tech Mahindra
Idemia	Thoughtworks
Indian Army	Titan
Indian Institute of Remote Sensing (IIRS)	TVS Motor
Indian Navy	UST Global
Indian Space Research Organisation (ISRO)	Vehere
Infosys	WebSkitters
Innoeye Technologies	Wells Fargo
Intel	Wipro
ishippo	Zaloni
Ixia	Zebronics
Jabong	Zomato
Justdial	Zoojoo.Be

1.14.2 Special Coaching & Grooming

Employability Training imparted by Industry Partner

MoU with Tech-Mahindra for Capability Development, up skilling graduate and postgraduate students/ associates and faculty members/SMEs at both Tech Mahindra and SMIT. Tech Mahindra provides curriculum assistance for the courses.

Periodical Workshops / Lectures by Industry Leaders

GATE / GRE Coaching facility

Exposure to pitch business ideas via Annual Entrepreneur Meet.





1.15 AIC-SMU Technology and Business Incubation Foundation

AIC-SMU TBI is one of the Technology Incubator supported by Atal Innovation Mission, NITI Aayog, Govt of India. The incubator has received a grant in aid of Rs 8 Crores to encourage startups/entrepreneurs and create an ecosystem for the entrepreneurial activities in the entire North Eastern Region. The incubator is located within the campus of SMIT.

Some of the companies that are presently incubated are:

1. **After Glow Tech Pvt Ltd**
2. **Untapped Technologies Pvt Ltd.**
3. **Gooks Pvt Ltd**
4. **Estroso Technologies Pvt Ltd**

Recent activity/achievement

1. Entrepreneurs Meet 2017 was a huge success with participation of famous innovator *Mr Sonam Wangchuk*, Founder and Director of Himalayan Institute of Alternatives, Ladakh and Who's Who from various industries, corporations and investors. It was sponsored by North Eastern Council, Govt of India and also supported by NASSCOM.
2. The second edition of Entrepreneurs Meet 2018 was supported by Oracle Pvt Ltd and Exim Bank and had speakers like Mumbai Dabbawala.
3. After Glow Pvt Ltd has been selected as one of the prestigious Elevate 100, amongst 1800 participating companies, organized by the Government of Karnataka. Selected startups will be receiving grants of up to Rs 35 Crores with various incentives from the Government. Google will provide \$3000 worth cloud credits for startups registered with Startup Cell and \$20,000 worth of credits to the winners of Elevate100.



Our Entrepreneurs

The innovative aptitude of our students motivates them to become entrepreneurs. The following are few companies floated by our illustrious alumni.

Name of Company: zoojoo.be
Co-founder: Avinash Saurabh (B Tech 2009)

zoojoo.be is a game based social wellness platform that unites the workforce to form healthier habits. The platform leverages on the tremendous power of the trusted social network at our workplace to motivate employees to form healthier habits. Zoojoo.be has raised \$1 million (Rs 6.4 crore) from US-based venture capital fund RoundGlass Partners.



Name of Company: Vehere Interactive Pvt Limited
Co-founder: Naveen Jaiswal (B.E 2002)

Vehere was founded in 2006 to revolutionize the communication and cyber intelligence technology, with the ultimate goal of neutralizing crime and terror. Today Vehere is actively developing technologies to make this possible, with the goal of enabling a safer world. It is backed by cutting edge researches and close to a decade of experience with deployments ranging from tactical solutions to large nationwide strategic monitoring centers across continents.



Name of Company: Nischint Technologies Ltd
Co-founder: Raghav Mimani (B Tech 2003)

Nischint technologies are into development of applications / proactive tools for parents to keep track of their children's activity with regards to the use of internet in mobile gadgets and the ever-evolving social media world. This UAE based firm has earned laurels across the globe for its unique technology driven product.



Name of Company: Zify
Name of Co-founder: Anurag Singh Rathore (B Tech 2008)

The theme of this techno firm is to make travel in the comfort of a car at a very affordable rate. This firm develops applications on carpooling thus assisting commuter to find best options available for daily commute.



2 Seat Matrix of Courses under SMU

2.1 Seat Matrix of B Tech courses

SI No.	Branch	Based on All India JEE (Main) Score						MET#/ SMIT ONLINE TEST*	Total
		General	North East	GTA!	Defence	PMF +	Sikkim		
B Tech Courses									
1.	Computer Science & Engineering	18	18	3	2	2	36	101	180
2.	Electronics & Communication	12	12	3	2	2	24	65	120
3.	Electrical & Electronics	6	6	2	1	1	12	32	60
4.	Information Technology	9	9	2	1	1	18	50	90
5.	Mechanical Engineering	9	9	2	1	1	18	50	90
6.	Civil Engineering	6	6	2	1	1	12	32	60
7.	**Data Science & Engineering	6	6	2	1	1	12	32	60
	Total	66	66	16	9	9	132	362	660

Entrance Test conducted by MAHE, Manipal (Karnataka)

* SMIT Online Test conducted by SMU

! Gorkha Territorial Administration

+ Paramilitary Force

** Subject to approval

1 Seat in each branch is reserved for the wards of Kashmiri Migrants and Kashmiri Pandit / Kashmiri Hindu families (Non Migrants)

- ◆ Tuition Fee Waiver Scheme: As per AICTE guidelines, under this scheme upto 5% of the sanctioned intake is eligible for tuition fee waiver. This is supernumerary in nature.
- ◆ 15% seats (supernumerary) of the sanctioned intake in each branch are for PIO/Foreign Nationals/ Children of Indian Workers in Gulf Countries.
- ◆ 5% seats (within the sanctioned intake) in each engineering branch is allotted to NRI / NRI sponsored candidates.



2.2 Seat Matrix of MSc.

Sl No	Course	General	Sikkim	Total
Basic Sciences Courses				
1.	Master of Science (M Sc in Mathematics)	16	4	20
2.	Master of Science (M Sc in Physics)	16	4	20
3.	Master of Science (M Sc in Chemistry)	16	4	20



2.3 Seat Matrix of MBA & BBA

SI No	Course	General	North East	Defence	Sikkim	Total
Business Administration Courses						
1.	Master of Business Administration (MBA)	35	12	1	12	60
2.	Bachelor of Business Administration (BBA)	35	12	1	12	60
Computer Application Courses						
1.	Master of Computer Applications (MCA)	17	6	1	6	30
2.	Master of Computer Applications (Lateral)	3	1	1	1	6
3.	Bachelor of Computer Applications (BCA)	35	12	1	12	60
Information Technology Courses						
1.	M Sc IT	11	4	1	4	20
2.	B Sc IT	11	4	1	4	20

2.4 Seat Matrix of Lateral Entry Scheme in B Tech & M Tech Courses

SI No	Branch	General	Sikkim	Total
Lateral Entry in B Tech Courses				
1.	Computer Science & Engineering	14	4	18
2.	Electronics & Communication Engineering	9	3	12
3.	Electrical & Electronics Engineering	4	2	6
4.	Information Technology	7	2	9
5.	Mechanical Engineering	7	2	9
6.	Civil Engineering	4	2	6
M Tech Courses				
1.	Computer Science & Engineering	14	4	18
2.	Digital Electronics & Communication Engineering	14	4	18
3.	Power Electronics	14	4	18
4.	Information Technology	14	4	18
5.	Production Engineering	14	4	18
6.	Structural Engineering	14	4	18

3 Course & Hostel Fees and Refund Rules

3.1 Course Fees & Hostel Fees (SMIT, Technical Campus)

3.1.1 Course Fees:

Fee structure for admission of 2020 batch for technical & other courses offered at SMIT (Amount in Rupees)

Sl. No.	Course	Duration	Yearly Course Fee		
			Lump sum	Instalments	
				First	Second
A. General (Gen), North East (NE), Defense (DEF), Paramilitary Force (PMF) & GTA Category					
1	B Tech (CSE, IT & DSE)	4 Yrs	3,05,000	1,58,000	1,58,000
2	B Tech (EC)	4 Yrs	2,70,000	1,40,000	1,40,000
3	B Tech (EE, ME & Civil)	4 Yrs	2,60,000	1,35,000	1,35,000
4	B Tech - Lateral Entry to 2nd year (CSE & IT)	3 Yrs	3,05,000	1,58,000	1,58,000
5	B Tech - Lateral Entry to 2nd year (EC)	3 Yrs	2,70,000	1,40,000	1,40,000
6	B Tech - Lateral Entry to 2nd year (EE, ME & Civil)	3 Yrs	2,60,000	1,35,000	1,35,000
7	BCA	3 Yrs	98,000	51,000	51,000
8	BSC - Information Technology	3 Yrs	98,000	51,000	51,000
9	BBA	3 Yrs	1,28,000	66,500	66,500
10	M Tech	2 Yrs	1,74,000	90,000	90,000
11	MCA	3 Yrs	1,50,000	77,500	77,500
12	MCA (Lateral Entry to 2nd Year)	2 Yrs	1,50,000	77,500	77,500
13	MSC - Information Technology	2 Yrs	1,50,000	77,500	77,500
14	MBA	2 Yrs	2,75,000	1,42,500	1,42,500
15	MSc in Phy/Chem/Math	2 Yrs	100,000	52,000	52,000
B. Sikkim Quota: 20% of the seats are reserved for candidates selected by Govt. of Sikkim, with concession of 75% of the Tuition fee. The fee structure after concession of Sikkim Quota are as follows:					
1	B Tech (CSE, IT & DSE)	4 Yrs	1,82,400	94,500	94,500
2	B Tech (EC)	4 Yrs	1,55,400	80,700	80,700
3	B Tech (EE, ME & Civil)	4 Yrs	1,55,000	80,500	80,500
4	B Tech - Lateral Entry to 2nd year (CSE & IT)	3 Yrs	1,82,400	94,500	94,500
5	B Tech - Lateral Entry to 2nd year (EC)	3 Yrs	1,55,400	80,700	80,700
6	B Tech - Lateral Entry to 2nd year (EE, ME & Civil)	3 Yrs	1,55,000	80,500	80,500
7	BCA	3 Yrs	60,500	31,500	31,500
8	BSC - Information Technology	3 Yrs	60,500	31,500	31,500
9	BBA	3 Yrs	64,100	33,300	33,300
10	M Tech	2 Yrs	1,04,400	54,000	54,000
11	MCA	3 Yrs	83,200	43,000	43,000
12	MCA (Lateral Entry to 2nd Year)	2 Yrs	83,200	43,000	43,000
13	MSC - Information Technology	2 Yrs	83,200	43,000	43,000
14	MBA	2 Yrs	1,11,500	57,900	57,900
15	MSc in Phy/Chem/Math	2 Yrs	56,800	29,600	29,600

Note:

(i) The course fee will remain same for subsequent years. However, Caution Deposit (Refundable after completion of course) of **Rs. 5,000/-** which is not included in above table is to be paid at the time of admission along with applicable course fees

(ii) Course Fee includes Tuition fee, laboratory fee, exam fees and other fees.

C. Fee Structure For Admission of 2020 Batch For NRI / Foreign Category

(Amount in USD)

Sl. No.	Course	Duration	Yearly Course Fee		
			Lump sum	In Instalments	
				First	Second
1	B Tech (CSE/CE/EE/ECE/IT/ME)	4 Yrs	7000	3500	3500

Note : In addition, Caution Deposit of Rs. 5000/- is required to be deposited at the time of admission.

3.2 Hostel and Mess

Hostel facilities, Mess & Utility advances at SMIT				(Amount in Rupees)
Sl #	Room Category	Annual Hostel Facilities	Annual Mess & Utility Deposit	Total Amount
i.	Double Sharing (Non AC)	40,000	77,000	1,17,000
ii	Single (Non AC)*	65,000	77,000	1,42,000
iii.	Double Sharing (AC)*	80,000	77,000	1,57,000
iv.	Single (AC)*	1,30,000	77,000	2,07,000

Note:

- * Single (Non AC), Double Sharing (AC) and Single (AC) shall be allotted subject to availability of rooms.
- Mess and Utility advances may vary from time to time, subject to increase of more student facilities / services and change in daily messing rate as per there prevailing market rate of relative commodities & electricity tariff.
- The mess, utility and facility charges shall be charged at actual on monthly basis, which shall be adjusted against the mess & utility advances



3.3 Withdrawal & Refund Rules

3.3.1 Withdrawal & Refund - SMIT Campus

SMIT follows the withdrawal and refund policy as per AICTE/UGC guidelines.

3.3.2 Withdrawal & Refund - Medical Campus

For MBBS & MD/MS

The withdrawal and refund policy are as per MCI guidelines & subject to change.

For Other courses

The withdrawal and refund policy are as per UGC guidelines.

Note:

Registration Fee is non- refundable

Subject to approval or changes made thereafter by State Government of Sikkim.



4.General Information

4.1 Online Application

4.1.1 Technical Campus (SMIT, Majitar)

For admission in B.Tech/BBA/BCA/MBA/MCA/MTech/MSc/B Sc IT/M Sc IT courses, candidate can apply online through www.applysmit.in

Note : *The online application fee is Rs. 1000/-.*



4.2 Instructions for filling application form

1. Code of Applied Courses

Course	Code	
Technical Courses		
1	B Tech (ECE, CSE, EEE, IT, ME, CE) through JEE & SMIT ONLINE TEST	101
2	Lateral B Tech (ECE)	102
3	Lateral B Tech (CSE)	103
4	Lateral B Tech (EE)	104
5	Lateral B Tech (IT)	105
6	Lateral B Tech (ME)	106
7	Lateral B Tech (CE)	107
8	BCA	108
9	MCA	109
10	M Tech (Power Electronics)	110
11	M Tech (Computer Science and Engineering)	111
12	M Tech (Information Technology)	112
13	M Tech (Digital Electronics and Communication Engineering)	113
14	M Tech. (Production Engineering)	115
15	M Tech (Structural Engineering)	116
16	MCA (Lateral)	117
Other Courses		
26	BBA	301
30	MBA	401
31	M Sc (Chemistry)	402
32	M Sc (Mathematics)	403
33	M Sc (Physics)	404



2. NAME OF THE APPLICANT: Write your name in CAPITAL LETTERS as given in Class X marksheet/ certificate. Leave one blank box between the adjacent words. If the provided space is not sufficient, then words can be abbreviated. However, first name and surname should not be abbreviated. Do not use any prefixes like Mr., Mrs., Miss/Ms etc. e.g. RAJENDRA KUMAR SINGH should be written as:

R A J E N D R A K U M A R S I N G H

3. DATE OF BIRTH: Enter the date of birth as illustrated below:

For example: 5th June 1999 should be written as:

0 5 0 6 9 9

4. GENDER: Tick the appropriate box only

5. NATIONALITY: Write your nationality.

6. CASTE: Write GEN/SC/ST/OBC/MBC.

7. CATEGORY: Specify the category by a tick mark under the appropriate category. Eligible candidates can tick multiple categories.

8. NAME OF THE ENTRANCE TEST APPEARED/APPEARING: Tick the appropriate entrance exam.

9. TEST CENTRE & CODE FOR SMIT ONLINE TEST (for B Tech only):

Select the code of preferred test center.

TEST CENTRE	CODES	TEST CENTRE	CODES
AGARTALA	1	LUCKNOW	18
BHOPAL	2	MUMBAI	19
BHUBANESHWAR	3	MUZAFFARPUR	20
BOKARO	4	NOIDA	21
DEHRADUN	5	PATNA	22
DELHI	6	PUNE	23
DIMAPUR	7	RAIPUR	24
DURGAPUR	8	RANCHI	25
GANGTOK	9	SHILLONG	26
GUWAHATI	10	SILCHAR	27
HYDERABAD	11	SILIGURI	28
ITANAGAR	12	VARANASI	29
JABALPUR	13	VISAKHAPATNAM	30
JAIGAON	14	JAIPUR	31
JAMSHEDPUR	15	BHAGALPUR	32
JORHAT	16	ALLAHABAD	33
KOLKATA	17	GORAKHPUR	34

In case of cancellation of centre due to unforeseen circumstances, nearby test center will be allotted to the candidates.

10. NAME OF THE PARENT/GUARDIAN : Follow the instruction as given in S. No. 2.

11. ADDRESS FOR CORRESPONDENCE: Provide complete postal address with PIN code.

12 & 13. MOBILE NUMBERS: Provide 10 digit Mobile numbers.

14 & 15. EMAIL ID: Email ID to be provided for effective communication

16. PHOTOGRAPH OF APPLICANT: Paste recent passport size color photograph.

17. SIGNATURE OF APPLICANT: Sign within the box.

18. DETAILS OF QUALIFYING EXAMINATION:

i) Passed/Appearing

If passed provide the details as per the format given in the application form.

19. SUBMISSION OF APPLICATION FORM

Completed application form is to be sent by speed post/courier service at the following address:

a) For Technical/Management/Computer Application/Science Courses:

Chairman Admission

Sikkim Manipal Institute of Technology (SMIT)

Majitar, 737 136 (East Sikkim)

Mob: 9732947000 / 9733026159

Email: admission.smit@smu.edu.in



4.3 Guidelines for B Tech Candidates - SMIT Online Test

4.3.1 E-Hall Ticket

Detail information regarding e-hall ticket and booking of test centre will be intimated through e-mail.

4.3.2 Examination details

Candidates are required to report at the test centre 30 minutes prior to commencement of the examination. The rules and regulations will be announced by the invigilator at the test centre.

It is an MCQ based entrance test covering 10+2 level Physics, Chemistry, Mathematics and English. There is no negative marking.

The merit list and date of counseling will be published on the website.

4.3.3 Counseling/Admission

Counseling letter will be sent to the successful candidate by e-mail.

All the details pertaining to counseling and admission will be given in counseling letter.

The admission in SMU is purely on the merit basis. There is no donation or capitation fee of any kind. SMU does not appoint any agent to facilitate the admission process. For any clarification contact the Admission Cell.

4.4 Anti Ragging Measures

The University and its constituent colleges adopt zero tolerance towards ragging and follows the direction given by Hon'ble Supreme Court of India in true letter and spirit.

Summary of UGC regulations on curbing the menace of ragging in higher educational institutions, 2009 is in Annexure III ,

4.5 Discipline

SMU is an institution for higher learning and the objective is not only to impart education but also to build up the character of the students making them ideal citizens of the country. The students are, therefore, expected to observe proper discipline in their conduct during the entire period they spend with the university.



Annexure I

Format of Sponsorship Letter for NRI applicants

I, Mr./Mrs. _____(name of sponsor)_____ a resident of _____(complete address abroad with country of residence)_____ hereby sponsor Mr./Ms. _____(name of candidate) who is my _____(mention correct relationship)_____. I also undertake to bear the cost of total/tuition fees of the candidate for the entire course.

A photocopy of my proof of residence (copy of passport/certificate of residence from appropriate authority in case of citizens of Nepal/Bhutan) is also enclosed.

Signature of the Sponsor

Full Address



Annexure II

Authorization Letter

I _____, Sikkim Manipal University Application no. _____ having NEET 2020 Rank _____ son / daughter of _____ being unable to attend the counselling for admission to _____ course 2020 at Sikkim Manipal Institute of Medical Sciences Gangtok, hereby authorize _____ son/daughter of _____ whose photograph is affixed below and who will sign as shown below to represent me at the counselling.

The authorized representative will bring all the necessary documents, pay the appropriate fees and complete all the necessary formalities on my behalf.

Reason for Absence-

A recent pass-
port size photo-
graph of the can-
didate should be
affixed here

A recent pass-
port size photo-
graph of the rep-
resentative
should be affixed
here

Signature of Candidate

Date:

Signature of Representative

Date:

WORD OF CAUTION

The seats for all the courses offered by SMIT can be secured only by merit in the qualifying examination/entrance test. SMIT has no agents or middlemen for admissions. There is no donation or capitation fee of any kind.

Note: jurisdiction for all disputes (if any) relating to the university is Gangtok

IMPORTANT NOTE

For admission in B.Tech/BBA/BCA/MBA/MCA/MTech/MSc/B Sc IT/M Sc IT courses, candidate can apply online through www.applysmit.in

For further details, contact :

Chairman Admission

SMIT, Majitar, East Sikkim - 737 136

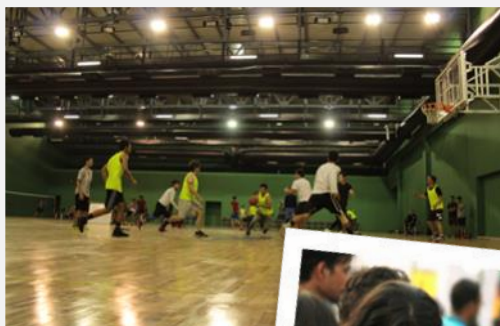
Call :+91-9811994561

NOTE FOR CANDIDATES

Need of providing correct mobile number and e-mail ID of the Candidate and Parents/Guardians.

Need of visiting our website regularly as well as checking their e-mail frequently.

Only receiving the call/counselling letter is not a sufficient condition for admission. Candidate not meeting the eligibility criteria and/or those who have not passed the 10+2 examination should not proceed for counseling even if counseling letter has been received.



Getting to Sikkim

SMIT is located at a distance of 4 kms from Rangpo (West Bengal Sikkim Border) and 35 kms short of Gangtok. Rangpo is located at a distance of 72/80 kms from Siliguri/NJP respectively and 80 kms from Bagdogra Airport.

By Train

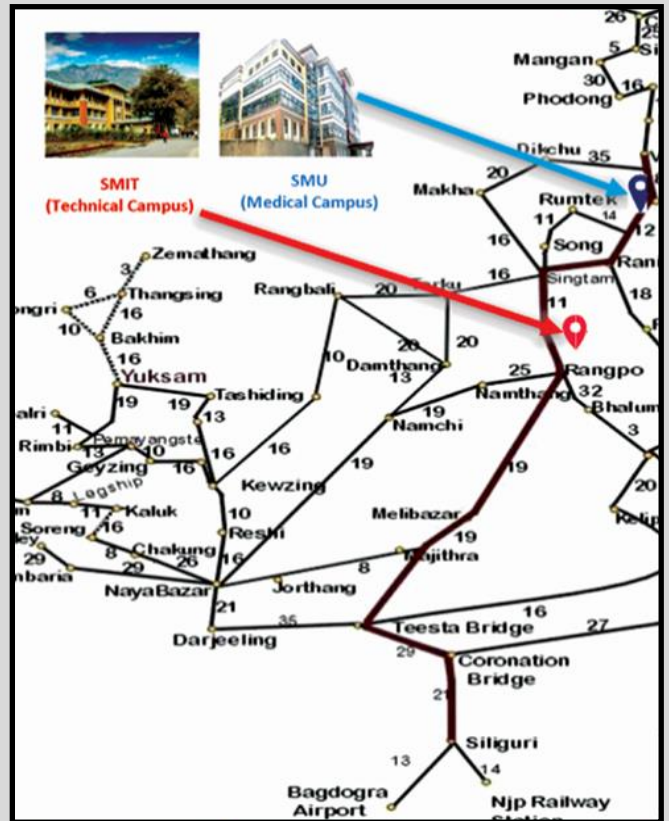
One can travel by train from any part of the country to New Jalpaiguri (NJP) or Siliguri. From here, the journey to the campus, which takes three hours, can be made by bus or taxi.

By Air

Nearest airport Pakyong and Bagdogra is connected with all the major cities. From the airport, one can take a taxi to the campus of SMIT, Majitar and SMIMS, Tadong, Gangtok. The drive takes about 3 hours from Bagdogra and 45 mins from Pakyong airport. One can also use the services of chartered helicopters to travel between Bagdogra and Gangtok.

By Road

Long distance buses ply from major towns in West Bengal, Bihar and Assam to Siliguri. The journey from Siliguri to the campus can be made by taxi or bus via the Himalayan foothills along the Teesta and Rangit rivers and passing through the towns of Teesta Bazar, Melli and Rangpo.



SMIT SIKKIM
MANIPAL
UNIVERSITY
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

Technical Campus

Majitar - 737136, Sikkim, India

E-mail: admission.smit@smu.edu.in

Phone : +91 9811994561

Mobile : +91-9732947000 +91-9635527557

+91-9735110007 +91-9083254144

+91-9083254145 +91-9083254146

www.applysmit.in

