

SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SIKKIM MANIPAL UNIVERSITY

FIFTH MILE, TADONG, GANGTOK, EAST SIKKIM
737102

www.smu.edu.in

SSR SUBMITTED DATE: 10-01-2018

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

January 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sikkim Manipal University (SMU) formerly known as Sikkim Manipal University of Health, Medical and Technological Sciences came into existence on November 15, 1992 as a result of the agreement signed between the Government of Sikkim and the Manipal Pai Foundation, with the aim of imparting exemplary education and health care services in the state of Sikkim and country wide. It is the first ever Public Private Partnership (PPP) in the country for higher Education and Health Care Services. The Central Referral Hospital provides free treatment to BPL families and concessional treatment to other residents of the State.

SMU is a state private unitary university and was established in 1995 vide Sikkim Manipal University of Health, Medical and Technological Sciences Act (Act No. 9 of 1995). SMU is recognized by the University Grants Commission under Section 2(f) of the UGC Act, 1956 vide letter No F. 9-7/96(CPP-I) dated 9th Dec 1998 and approved by the Government of India.

The University has two campuses: Medical Campus at 5th Mile Tadong, Gangtok, East Sikkim and Technology campus at Majitar, near Rangpo, East Sikkim.

SMU offers 14 UG programs, 35 PG programs and PhD in 5 disciplines -Engineering, Computer Applications, Management and Basic Sciences (Physics, Chemistry, Mathematics) and Health Sciences (Pre-Clinical, Paraclinical, Clinical and allied health subjects)

All programs run by the university are approved by the Statutory Regulatory Authorities (SRAs) such as Medical Council of India (MCI), Indian Nursing Council (INC), All India Council for Technical Education (AICTE) and University Grants Commission (UGC).

Vision

The University's vision is to be a global leader in Human Development, Excellence in Education and Healthcare. Through its mission, the University has embarked on a journey to supplement the nation's developmental goals in providing high quality education, affordable and quality healthcare services to the masses while developing professionals of excellent technical calibre with a humane approach capable of shouldering the responsibility of building a nation.

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.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. SMU has a unique advantage of being a public private partnership between Govt. of Sikkim and Manipal Education and Medical Group (MEMG), which is a pioneer in field of education in India and is continuously enriched by the inter-University/inter-Institute interaction within the group.
2. The University has a 550-bedded teaching hospital with super speciality wing strategically located in capital of Sikkim catering to a large population base and providing an excellent opportunity for practical learning for its medical and paramedical students.
3. There is decentralized participatory governance for academic, administrative and financial decision making.
4. The University leverages its linkages with the government institutions and NGOs to give an opportunity for intense community based learning for its students
5. State of the art infrastructure such as ICT enabled classrooms, well-equipped laboratories, sports facilities with latest ultra-modern sports complex and hostel with modern amenities.
6. A Unique Teacher-Guardian Scheme.
7. A vibrant and dedicated Training and Placement Cell.
8. State of the art infrastructure, highly competent faculty members comprising of erudite mixture of Post Doctorates, Doctorates, and Post Graduates.
9. Large number of research grants from various funding agencies like – AICTE, ICMR, DBT, DST, DIT, ISRO, DRDO etc. reflects the academic potential and industrial acceptability of the faculty members work. Large number of publications indicate an active research ambience in the campus.
10. Technical campus has Centre for Material Science and Nanotechnology to promote research in niche areas.
11. University possesses State of the art Learning Management System (LMS) –EduNxt for Distance Education Programs.

Institutional Weakness

1. Paucity of industries in and around state of Sikkim poses less opportunity for industrial training/internships and eventually reflects in placements. It is difficult for Training and Placement Cell to attract industries/companies outside the state of Sikkim for placement activity due to remote location. Especially, core industries where number of openings are limited.
2. Although the University has significant number of publications, but there is deficiency of high quality publications.
3. Insufficiency of active collaboration with international institutions for student and faculty exchange
4. Insufficiency of collaborative research projects in some constituent units
5. Insufficient interdisciplinary research amongst various constituent units of the University
6. There is definite scope for improvement in use of technology for Teaching-Learning activities on Campus.

Institutional Opportunity

1. Promote linkages with international institutions for student and faculty exchange programs.
2. Promote high quality research by enhancing University incentive programs.
3. Promote interdisciplinary research through constituent units.
4. Promote, encourage and nurture student ideas through Technology Business Incubator (TBI) and enable

them to commercialize innovations

5. Attract students from neighbouring SAARC countries and ASEAN countries by communications through Governmental and non-Governmental agencies there by improving the student diversity and global human Resource Development.
6. Emerge as the best University offering professional education in the North Eastern region.
7. Leverage Technology enabled learning strategies from DE programs to Campus programs

Institutional Challenge

1. Sikkim has location disadvantage due to poor connectivity, frequent landslides, seismic activity and cross border issues. Many parents from other parts of India visualize that Sikkim belonging to the group of North Eastern States is a troubled area and hence hesitate to send their wards to SMU
2. Emergence of large number of professional institutions in North Bengal and neighbouring states pose a challenge to the University to attract quality students
3. Sikkim being a difficult terrain, attracting and retaining quality faculty and doctors is a challenge for the University.
4. Highly disciplined curriculum by regulators such as MCI and INC leaves very little room for academic flexibility and innovation in curriculum design, development and delivery.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

SMU has a systematic process for design, development and validation of curricula. Program curriculum is reviewed and approved by **Board of Studies (BoS)** and then it is presented to **Academic Senate** for final approval and ratification. Curriculum is designed in such a way laying emphasis on research projects where in internship/projects involve significant use of research methodology and addition to existing body of knowledge. SMU complies with all guidelines of the Statutory Regulatory Authorities.

SMU revises curriculum and introduce new courses as per the contemporary needs of the industry and the community. SMU has introduced new courses for Engineering and Humanities programs. However, the university does not have flexibility to introduce new courses for Medical and Nursing programs due to highly disciplined curriculum prescribed by SRAs. SMU has introduced **elective course system** in engineering and physiotherapy programs. The University is in the process of implementing **Choice Based Credit System (CBCS)** for humanities and social science programs.

Human Values and Professional Ethics course is an integral part of B.Tech. curriculum. Students of B.Tech. The university will be offering (from Academic Session-2018) Bioethics course to students of medical, nursing and physiotherapy programs. This course is offered jointly with **UNESCO Bioethics (Haifa) Chair, Sikkim Unit.**

SMU offers **skill enhancement courses** jointly with NSDC. Constituent units offer **capacity enhancement programs** such as soft skills and language skills.

SMU collects feedback from stakeholders, which is analysed to take necessary actions and the action taken report is presented during Academic Senate meetings.

Teaching-learning and Evaluation

SMU focusses on a transparent student admission process. Students are admitted based on their merit in NEET and SMU's online entrance examination. As per the agreement with Government of Sikkim, 20% of the seats (35% for MBBS program) for each program are reserved for candidates (includes SC, ST and OBC) selected by Government of Sikkim. In addition, SMU reserved 10% seats for northeast candidates and 1% for Defence personnel.

SMU promotes the use of **Information and Communication Technology (ICT)** for managing academic activities. eCampus Manager is used to manage student attendance, internal assessment and obtain student feedback. Students have access to their attendance and internal assessment marks. Faculty members continuously monitor the performance of students under their **Teacher- guardianship program** and take remedial actions wherever required.

Teachers use PowerPoint presentations and upload on **SMUERP –Knowledge Repository** for student use. SMU is promoting the adoption of **SWAYAM MOOCs** for engineering programs. For distance learners, SMU provides learning resources via its proprietary **Learning Management System (LMS)-EduNxt**.

SMU meets the Teacher: Student ratio requirements of various statutory bodies such as MCI, INC, AICTE. About 40% of teachers are PhDs in Technical campus.

Examination system of Sikkim Manipal University for Technical Campus, Sikkim Manipal Institute of Technology (SMIT) is partly automated. The university is in process of implementing “**Student Life Cycle Management**” to automate the process.

The University has a structured student feedback mechanism for the evaluation of teachers. University has a mechanism to obtain feedback from students on attainment of course outcomes.

Research, Innovations and Extension

Sikkim Manipal University has a Research and Consultancy Policy to encourage research and consultancy projects in all its constituent units. The University provides seed money from Endowment Chair, Research Incentive for publications, financial assistance to present papers in conferences, and incentive for research and consultancy projects

SMU has completed research projects (ICMR, AICTE, DST, DBT, DeitY, DRDO, SERB, ISRO and IARC) worth - Rs. 16.88 Crore and has Rs.3.95 Crore worth ongoing projects. For Research & Development at Technical campus visit . For more details on R & D at SMU visit - <http://smu.edu.in/smu/research.html>. In last 5 years, faculty members have published more than 1000 research articles in indexed journals.

Technical campus has established **Centre for Material Science & Nanotechnology** to carry out research in niche areas. It has state of the art **Centre for Entrepreneurship Incubation**. Incubation centre nurtures early stage start-ups in all fields of Technology. In last 5 years, 6 start-ups have been ideated and 3 are already registered with Ministry of Corporate Affairs and 3 more are lined up for registration. Three **patents** filed and granted.

The University has a strict policy with regard to checking the malpractices and plagiarism in research for PG & Ph.D. The University has anti-plagiarism software -TURNITIN to check the contents of the books, research papers and projects. The University publishes **SMU Medical Journal** <http://smu.edu.in/smu/sikkim-manipal-university-medical-journal.html>

University students are actively engaged in community health, extension and outreach programs. SMU has signed MoUs with foreign universities for faculty and student exchange.

Infrastructure and Learning Resources

The University has about 22 acres medical and 34 acres engineering campuses. Campus is green and eco-friendly with infrastructure facilities as per the requirement of Statutory Regulatory Authorities. The University has ICT enabled classrooms, laboratory and library infrastructure, which assists the faculty and students in their research activities. University provides an excellent support system, residential facilities to cater to a diverse population of students. These facilities provide a comfortable and lively stay on campus with both academic and enriched vibrant cultural and world-class sporting facilities. Medical facilities are provided to all by Central Referral Hospital (CRH). The University, with its aim 'education for all', provides conducive environment for the differently-abled students/patients by providing lifts, ramps and special toilets suitable to their needs.

Sikkim Manipal University (SMU) has state of the art library at both Medical and Technical Campuses. Libraries at both the campuses are fully automated using *EASYLIB* –An advanced library automation system. Besides the comfortable seating and reading environment, the libraries are well-equipped with modern facilities such as e-learning, access to internet and web resources including online journals and e-books.

University has a comprehensive IT policy. Hi-speed internet connectivity is provided to the faculty members, students and research scholars through local area network/Wi-Fi. With adequate number of computers with WIFI facility in its constituent units, the University ensures that everyone gets an equal opportunity in knowledge dissemination via technology. Infrastructure & Facilities department carries out housekeeping, repair and maintenance works.

Student Support and Progression

The University has an independent user-friendly, an easily accessible support, redressal and mentoring mechanism. Academic mentoring is carried out through Teacher-guardian programs. A dedicated Training & Placement Cell for Engineering students, conducts various career counselling and soft skills sessions for career progression and placements. The University publishes updated prospectus and students handbook annually which provides important information regarding academic and other University activities.

Grievance-Redressal Cell addresses grievances of students including potential and perceived ones. The Anti-ragging Committee handles prevention of ragging. Sexual Harassment Committee deals with the issues related to gender-sensitiveness and sexual harassment.

The University has a student-oriented approach towards the education with faculty conducting problem solving

sessions with the students. Students are encouraged to approach the faculty for their academic problems. During the examination period, a clinical psychologist is made available to boost and encourage the students when in stress.

Students are provided with the resources and administrative support to organize various cultural and sport events in the University. Students are encouraged to participate in various sports and cultural competitions. University organizes cultural cum sports fest Kalrav for Technical campus and Aura for Medical campus.

SMU provides merit based scholarships to students of Technical programs and facilitates promotion of Government schemes for students. Students have received scholar ships from state governments of various north-eastern states. More than 1500 students have benefitted with government schemes in the last 5 years.

Alumni association engages alumni in various events such as alumni meets and TEDx talks.

Governance, Leadership and Management

University has a vision to be a global leader in human development, excellence in Education and Healthcare services. Committed to its vision, SMU has significantly contributed to the human development and empowered people in North East in general and Sikkim in particular. In last 20 years, SMU has produced over 200 doctors and 1500 engineers of Sikkim origin. SMU has empowered several families by providing jobs to 1300 Sikkimese, which amounts to 60% of the total employees working in SMU.

The University follows a system of decentralized participatory governance at three levels –University level, Institutional level, Department level.

University has taken various initiatives to enhance the professional development of teaching staff. To develop a next line of leadership, the university has implemented SMILE (Leadership) program in the year 2015. As on today, 20 participants from various constituent units have successfully completed the program. Out of 20 Participants who have undergone the SMILE Programs, 16 participants are shouldering key additional responsibilities in the organization.

The University has a well documented HR, Finance and procurement policy and decentralized budget planning for effective use of financial resources.

As part of IQAC activity, SMU conducts monthly coordination committee meetings to monitor the academic progress and effectiveness of the academic initiatives.

The goal of the University for 2018-19 is to move into a learner centric, patient care centric and research centric organization. The Institution plans to invest in infrastructure and upgrade the existing infrastructure to meet the envisioned goals.

Institutional Values and Best Practices

The University is eco-friendly, landscaped and the entire campus is **plastic-free**. A clean source of energy is utilized at campus through solar water heaters and electrical systems. The University has carried out **environmental audit** of its technical campus and puts efforts towards **Carbon Neutrality**.

SMU organizes **gender equity programs** and workshops on **human values** for teachers and students.

SMU exhibits **quest for excellence** through quality initiatives. Two of its constituent units are **ISO 9001:2015 certified** and the university promotes third party audit of our processes for continual improvement.

SMU has a number of best practices, which facilitated in maintaining high standards in the academic process and transparency in the administrative process. A few of them are listed below:

- **Teacher Guardian Scheme** to ensure personalized, emotional, academic and other support to all the students of the Institute by a faculty member. Under the scheme each student is allotted to a specific teacher - his/her teacher-guardian (TG).
- **Benevolent fund** to provide financial support to students to continue their studies at SMIT in case they lose the very member to death/incapacitation and who provides financial support.
- **Centre for excellence in Nanotechnology and material science** to promote research in niche areas
- **SMILE** (Synergic Manipal Integrated Leadership Engagement) **program** for faculty empowerment, leadership development and succession planning.
- **Sikkim Manipal Swasthya Suraksha** scheme has benefitted more than 50, 000 sikkimese population in accessing quality healthcare at affordable cost.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	Sikkim Manipal University
Address	Fifth Mile, Tadong, Gangtok, East Sikkim
City	Gangtok
State	Sikkim
Pin	737102
Website	www.smu.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Lt.Gen.Dr.M. D.Venkatesh VSM Retd	03592-231937	9434012546	03592-231147	registrar.smu@smu.edu.in
Registrar	Ashis Sharma	03592-231938	9434117367	03592-231496	vc@smu.edu.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	15-11-1995
Status Prior to Establishment,If applicable	

Recognition Details	
Date of Recognition as a University by UGC or Any Other National Agency :	
Under Section	Date
2f of UGC	15-11-1995
12B of UGC	

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	Fifth Mile, Tadong, Gangtok, East Sikkim	Hill	21.48	83695	MBBS, MD (Medicine), MD (Paediatric), MD (Psychiatry), MD (OBG), MD (Comm. Medicine), MD (Physiology), MD (Microbiology), MD (Biochemistry), MD (Pharmacology), MS (ENT), BPT, MPT (Orthopedics), BSc Nursing, MSc		

					(Obstetri, BA, BCom, MCom, MSc Biot echnolog y, MHA, PhD		
<i>Institutes</i>	<i>Sikkim Manipal Institute Of Technology Majitar, Rangpo-737132, East Sikkim</i>	<i>Hill</i>	<i>34.34</i>	<i>111350</i>	<i>Btech, Mtech, MSc Physics, MSc Chemistry, MSc Mathematics, BCA, MCA, BBA, MBA, BSc IT, MSc IT, PhD</i>	<i>15-11-1995</i>	<i>09-12-1998</i>
<i>Institutes</i>	<i>Sikkim Manipal Institute Of Medical Sciences 5th Mile, Tadong, Gangtok -737102 East Sikkim</i>	<i>Hill</i>	<i>20</i>	<i>70303</i>	<i>MBBS, MD (Medicine), M D (Paediatric), M D (Psychiatry), M D (OBG), MD (Comm. Medicine), MD (Physiology), MD (Microbiology), MD (Biochemistry), MD (Pharmacology), MS (ENT), PhD</i>	<i>15-11-1995</i>	<i>09-12-1998</i>
<i>Institutes</i>	<i>Sikkim</i>	<i>Hill</i>	<i>0.8</i>	<i>3237</i>	<i>BSc</i>	<i>15-11-1995</i>	<i>09-12-1998</i>

	<i>Manipal College Of Nursing 5th Mile, Tadong, Gangtok -737102 , East Sikkim</i>				<i>Nursing, MSc (Obstetric & Gynaecological Nursing), MSc [Child Health (Paediatric) Nursing], MSc [Child Health (Paediatric) Nursing], MSc [Mental Health (Psychiatric) Nursing], MSc (Community Health Nursing)</i>		
<i>Institutes</i>	<i>Sikkim Manipal College Of Physiotherapy 5th Mile, Tadong, Gangtok -737102 East Sikkim</i>	<i>Hill</i>	<i>0.45</i>	<i>2705</i>	<i>BPT, MPT (Orthopedics), MPT (Neurological Sciences), MPT (Cardiopulmonary Sciences), MPT (Health Promotion & Disability Rehabilitation)</i>	<i>15-11-1995</i>	<i>09-12-1998</i>
<i>Institutes</i>	<i>Department Of</i>	<i>Hill</i>	<i>0.05</i>	<i>202</i>	<i>Integrated MSc</i>	<i>15-11-1995</i>	<i>09-12-1998</i>

	<i>Medical Biotechnology (university Department) 5th Mile, Tadong, Gangtok -737102 East Sikkim</i>				<i>Medical Biotechnology</i>		
<i>Institutes</i>	<i>Department Of Hospital Administration (university Department) 5th Mile, Tadong, Gangtok -737102 East Sikkim</i>	<i>Hill</i>	<i>0.1</i>	<i>404</i>	<i>M.H.A</i>	<i>15-11-1995</i>	<i>09-12-1998</i>
<i>Institutes</i>	<i>Department Of Humanities And Social Sciences (university Department) 5th Mile, Tadong, Gangtok -737102 East Sikkim</i>	<i>Hill</i>	<i>0.05</i>	<i>202</i>	<i>BA English, BA Sociology, Bcom, Mcom</i>	<i>15-11-1995</i>	<i>09-12-1998</i>

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	4
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	1

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes								
<table border="1"> <thead> <tr> <th>SRA program</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>MCI</td> <td>100586_568_2.pdf</td> </tr> <tr> <td>AICTE</td> <td>100586_568_1.pdf</td> </tr> <tr> <td>INC</td> <td>100586_568_7.pdf</td> </tr> </tbody> </table>	SRA program	Document	MCI	100586_568_2.pdf	AICTE	100586_568_1.pdf	INC	100586_568_7.pdf	
SRA program	Document								
MCI	100586_568_2.pdf								
AICTE	100586_568_1.pdf								
INC	100586_568_7.pdf								

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	62				73				360			
Recruited	44	14	0	58	51	22	0	73	190	165	0	355
Yet to Recruit	4				0				5			
On Contract	0	0	0	0	0	0	0	0	64	51	0	115

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				794
Recruited	338	456	0	794
Yet to Recruit				0
On Contract	0	0	0	0

Technical Staff				
	Male	Female	Others	Total
Sanctioned				90
Recruited	46	44	0	90
Yet to Recruit				0
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	18	3	0	24	6	0	14	11	0	76
M.Phil.	0	0	0	0	0	0	2	3	0	5
PG	0	0	0	0	0	0	227	178	0	405

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	64	51	0	115

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Not Applicable	Not Applicable	Not Applicable

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	264	147	0	1	412
	Female	200	356	1	7	564
	Others	0	0	0	0	0
UG	Male	295	1158	2	25	1480
	Female	420	590	3	22	1035
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	7	30	0	1	38
	Female	14	23	0	1	38
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	1

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	15	18	0	1	34
Female	13	25	0	0	38
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	01-01-1970
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Peer Team Report
Cycle 1	Accreditation			No File Found

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Basic Sciences	View Document
Chemistry	View Document
Civil Engineering	View Document
Community Medicine	View Document
Computer Applications	View Document
Computer Science And Engineering	View Document
Electrical And Electronics Engineering	View Document
Electronics And Communication Engineering	View Document
Engineering	View Document
Ent	View Document
Health Sciences	View Document
Hospital Administration	View Document
Humanities And Social Sciences	View Document
Information Technology	View Document
Management	View Document
Mathematics	View Document
Mechanical Engineering	View Document
Medical Biochemistry	View Document
Medical Biotechnology	View Document
Medical Microbiology	View Document
Medicine	View Document
Nursing	View Document

Obg	View Document
Paediatric	View Document
Pharmacology	View Document
Physics	View Document
Physiology	View Document
Physiotherapy	View Document
Psychiatry	View Document
Smims Ug Department	View Document

NAAC

3. Extended Profile

3.1 Programme

Number of programs offered year wise for last five years

2016-17	2015-16	2014-15	2013-14	2012-13
50	49	51	47	42

Number of all programs offered by the institution during the last five years

Response : 55

3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3871	4051	4143	4156	3953

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1096	1058	1021	973	820

Total number of outgoing / final year students

Response : 4968

Number of students appeared in the University examination year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8565	9171	9410	9477	8887

Number of revaluation applications year wise during the last 5 years

2016-17	2015-16	2014-15	2013-14	2012-13
476	539	374	371	441

3.3 Academic

Number of courses in all programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1195	1139	1139	1111	951

Number of courses offered by the institution across all programs during the last five years

Response : 1355

Number of full time teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
601	641	685	624	629

Number of full time teachers worked in the institution during the last 5 years

Response : 1288

Number of teachers recognized as guides during the last five years

Response : 67

Number of sanctioned posts year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
610	641	685	624	629

Total number of publications during the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index

Response : 1206

3.4 Institution

Number of eligible applications received for admissions to all the programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4955	4039	3238	2042	3484

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
280	291	317	308	291

Total number of classrooms and seminar halls**Response : 68****Total number of computers in the campus for academic purpose****Response : 2526****Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
18079.58	17459.66	18253.31	14203.46	12442.89

Annual lighting power requirement (in KWH)**Response : 1433.899****Annual power requirement of the institution (in KWH)****Response : 5057.329**

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University

Response:

Sikkim Manipal University was established to cater to the educational and healthcare needs of state of sikkim and north eastern states. Till 1995, people of Sikkim use to travel to other parts of the country for their educational and healthcare needs. Establishment of the the university helped sikkemese to pursue higher education in state of sikkim. People from northeastern states are aspirants of medical and paramedical programs. The University offers medical, nursing and engineering programs relavant to the needs of state of sikkim and northeastern states. Today, several hundered doctors and nurses working in different parts of India and aborad are alumni of Sikkim Manipal Institute of Medical Sciences (SMIMS) and Sikkim Manipal college of Nursing (SMCON). We feel that SMU has played an instrumental role in human development in the state of sikkim and other north eastrn states contributing to national objective of increasing Gross Enrollment Ratio (GER).

SMU has a systematic process for design, development and validation of curricula. Before starting a new programme, a preliminary meeting is held by to assess the feasibility of the programme, which is followed by formation of the **Board of Studies (BoS)**. Board of Studies consists of both external members and internal faculty. External Members of Boards of Studies include academic and industry experts, who contribute dynamically in updating the curricula on periodic basis within the ambit of regulatory guidelines. This ensures that the programmes offered take care of industry requirements thereby assuring employability.

After approval of curricula by Board of Studies, the same is presented to **Academic Senate** for final approval and ratification. SMU complies with all guidelines of the Statutory Regulatory Authorities (SRAs) like University Grants Commission (UGC), Medical Council of India (MCI), All India Council for Technical Education (AICTE) and Indian Nursing Council (INC), in developing/restructuring curricula for the respective academic programmes offered in its constituent units. SMU has revised curriculum of UG and PG programs of engineering, management and humanities disciplines. However, for medical and nursing programs, the university does not have liberty to tweak curricula due to highly disciplined curriculum prescribed by Medical Council of India(MCI) and Indian Nursing Council (INC). Certain value added courses are offered to the students beyond the stipulated discipline-specific curricula prescribed by SRAs.

SMU has defined program outcomes, program specific outcomes and course outcomes for all its programs and collect feedback on course outcomes at the end of semester from students as an initiative for continual improvement.

1.1.2 Percentage of programs where syllabus revision was carried out during the last five years**Response:** 60

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 33

File Description	Document
Details of program syllabus revision in last 5 years	View Document
Minutes of relevant Academic Council/BOS meeting	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development**Response:** 1.17

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
23	0	9	35	0

File Description	Document
Program/ Curriculum/ Syllabus of the courses	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship	View Document

1.2 Academic Flexibility**1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years**

Response: 4.94

1.2.1.1 How many new courses are introduced within the last five years

Response: 67

File Description	Document
Institutional data in prescribed format	View Document
Minutes of relevant Academic Council/BOS meetings	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 14.81

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 8

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

Human Values and Professional Ethics course is an integral part of B.Tech. curriculum. Students of B.Tech. programs study human values and professional ethics course in their 1st and 2nd semesters. This course is introduced to appreciate the essential complementarity between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings. To facilitate the development of a Holistic perspective among students towards life and profession as well as towards happiness and prosperity based on a correct understanding of the Human reality and the rest of existence. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature

Students of Medical, Nursing and Physiotherapy programs study bioethics as part of their curriculum. The

university will be offering (from Academic Session-2018) Bioethics course to students of medical, nursing and physiotherapy programs. This course is offered jointly with **UNESCO Bioethics (Haifa) Chair, Sikkim Unit.**

B.Tech. students study **environmental science** in their first semester. They study cause & effects of present environmental crisis, importance of natural resources including biological diversity, pollution hazards, and possible solutions of present crisis. In future, the current B Tech students will be engaged in construction, manufacturing, extractive, power generating industries etc., where they are increasingly expected to predict & take responsibility for the environmental effects of engineering activities. The University organizes gender equity programs for students and teachers.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 2

1.3.2.1 How many new value-added courses are added within the last 5 years

Response: 2

File Description	Document
Any additional information	View Document
List of value added courses	View Document

1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

Response: 0.47

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	96	0	0	0

File Description	Document
List of students enrolled	View Document

1.3.4 Percentage of students undertaking field projects / internships

Response: 25.02

1.3.4.1 Number of students undertaking field projects or internships

Response: 872

File Description	Document
List of programs and number of students undertaking field projects / internships	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year wise

A. Any 4 of above

B. Any 3 of above

C. Any 2 of above

D. Any 1 of above

Response: A. Any 4 of above

File Description	Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrolment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 16.56

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
566	598	712	744	725

File Description

Document

Institutional data in prescribed format

[View Document](#)

List of students (other states and countries)

[View Document](#)

2.1.2 Demand Ratio(Average of last five years)

Response: 1.99

2.1.2.1 Number of seats available year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1767	1842	1854	1734	1724

File Description

Document

Demand Ratio (Average of Last five years)

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 79.19

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
266	231	214	193	266

File Description	Document
Average percentage of seats filled against seats reserved	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

All constituent units of the university begin the academic year for fresh students with an orientation/induction programme. In case of slow learners, faculty members from constituent units continuously monitor the performance of students under their Teacher- guardianship program. Tutorial classes and extra classes are conducted for weak students. Students organise workshops for weaker students especially in difficult subjects like C programming. At technical campus, adequate opportunities are available for the weak to students to clear their backlogs in terms of make-up exam and supplementary exam. Weak student of higher semester can simultaneously attend classes of lower semesters (**Parallel Semester**) to improve their knowledge and internal marks. Provision of taking more backlog theory classes by dropping regular semester labs which again can be cleared during additional lab session at the end of regular exam. This saves a lot of valuable time for weak students.

Faculty members help the students who want to appear for any competitive exams. Specialized coaching is provided to such students in collaboration with TIME group for GATE and GRE. At SMIMS, advanced learners are encouraged to take up ICMR STS projects.

2.2.2 Student - Full time teacher ratio

Response: 5.7

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.06	
2.2.3.1 Number of differently abled students on rolls	
Response: 2	
File Description	Document
Institutional data in prescribed format	View Document
List of students(differently abled)	View Document

2.3 Teaching- learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

SMU encourages student centric methods such as experiential learning, participative learning and problem solving methodologies is adopted so as to build competency.

Experiential Learning:

Students of Medical, Nursing and Physiotherapy are required to work at the University teaching hospital as part of the curriculum. These postings give them real-time **patientcare experience** with senior health professionals. In addition, they are required to do internship after the successful completion of all semesters/years. Students of Technical programs are expected to do **intensive industrial training** as part of the curriculum. Students of commerce, management and hospital administration are encouraged to work as internee in the University teaching hospital and finance department.

Participative Learning:

As part of program requirement, students of medical and nursing programs are expected to take part in community based extension activities and outreach programs. This would give them opportunity for **participative learning**. Students are encouraged to carry out **group projects** to provide an opportunity for participative learning.

Problem solving methodologies:

In all constituent units, teachers use **problem based and case based learning methods** to elicit **critical thinking** among students. Students of technical programs are required to do compulsory **problem based project work**.

Medical Education Technology (MET) cell organizes workshops and CME program on **learner centric pedagogies**.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 79.54

2.3.2.1 Number of teachers using ICT

Response: 486

File Description	Document
List of teachers (using ICT for teaching)	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 7.63

2.3.3.1 Number of mentors

Response: 457

File Description	Document
Year wise list of number of students, full time teachers and mentor/mentee ratio	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 99.7

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 9.37

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
76	72	60	55	34

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Response: 7.82

2.4.3.1 Total experience of full-time teachers

Response: 4777

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0.63

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	7	5	3	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 71.36

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
420	446	501	451	459

File Description

List of full time teachers from other state and state from which qualifying degree was obtained

Document

[View Document](#)

2.5 Evaluation Process and Reforms**2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years**

Response: 19.6

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
20	18	19	17	24

File Description

List of programs and date of last semester and date of declaration of result

Document

[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0.31

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
30	26	31	32	24

File Description	Document
Number of complaints and total number of students appeared year wise	View Document

2.5.3 Average percentage of applications for revaluation leading to change in marks

Response: 33.74

2.5.3.1 Number of applications for revaluation leading to change in marks year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
54	236	183	159	96

File Description	Document
Year wise number of applications, students and revaluation cases	View Document

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system

Response:

The University has developed a comprehensive evaluation system comprising of formative and summative assessments. University has a well laid out process for engaging external examiners in the examination process. Examination system of Sikkim Manipal University for Technical Campus, Sikkim Manipal Institute of Technology (SMIT) is partly automated. Teachers upload Internal Assessment marks on eCampus, which is used to compile final IA marks. eCampus is also used for attendance management system. Student eligibility for appearing semester end examination is calculated using eCampus. Hall ticket is generated via eCampus by evaluation department based on the eligibility. eCampus has eased the process of calculation of student attendance and eligibility for term end examination. Result processing is done using software and published on website. The university is in the process of implementing “**Student Life Cycle Management**” to automate the entire process.

2.5.5 Status of automation of Examination division along with approved Examination Manual A. 100% automation of entire division & implementation of Examination Management System (EMS)

B. Only student registration, Hall ticket issue & Result Processing

C. Only student registration and result processing**D. Only result processing****Response:** C. Only student registration and result processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

University has defined program outcomes, program specific outcomes and course outcomes for all undergraduate and post graduate programs offered by constituent units. For medical and nursing programs, course outcomes are as per Medical Council of India (MCI) and Indian Nursing Council (INC) respectively. POs, PSOs and COs are displayed on website and the same has been communicated to teachers and students.

URL: <http://smu.edu.in/content/dam/manipal/smu/smit/documents/coursedetail/eee/CO%20of%20B.Tech%20EEE.pdf>

URL:

<http://smu.edu.in/content/dam/manipal/smu/smit/documents/coursedetail/me/CO%20BTECH%20ME.pdf>

URL: <http://smu.edu.in/smcon/programs/program-list/Msc-nursing.html>

URL: <http://smu.edu.in/dhss/programs-hss/bcom.html>

URL: <http://smu.edu.in/dhss/programs-hss/mcom-master-of-commerce.html>

URL: <http://smu.edu.in/dhss/programs-hss/ba.html>

URL: <http://smu.edu.in/doha.html>

Internal Assessment (IA) and Semester end/final year examinations are based on course objectives/outcomes. In addition, SMU has developed structured feedback mechanism to obtain student feedback on program and course outcomes. The feedback obtained is analyzed and necessary action is

taken based on recommendations of department academic cell constituted by IQAC to monitor academic progress

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Attainment of program outcomes, program specific outcomes and course outcomes are evaluated in the form of formative and summative assessments. University also has a mechanism to obtain feedback from students on attainment of program and course outcomes.

Student feedback is the major backbone of analyzing the teaching learning process. At the end of each semester students' feedback is collected in standardized format with questions based on course outcomes (CO), program outcomes (PO) and program specific outcomes (PSO). The score obtained on 5 point scale is analyzed in detail and any score below 4 is discussed in detail for the plausible reasons. The remarks from students are also analyzed in detail and a corrective action plan is designed to be implemented in the next academic session. Results of Feedback with action planned is discussed during IQAC coordination committee meetings and the same is presented to Academic Senate.

2.6.3 Average pass percentage of Students

Response: 91.33

2.6.3.1 Total number of final year students who passed the university examination

Response: 1096

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1200

File Description	Document
List of programs and number of students passed and appeared in the final year examination	View Document
Link for annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website

Response: Yes

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year)

Response: 6.99

3.1.2.1 The amount of seed money provided by institution to its faculty year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
34.93	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the University	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document

3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years

Response: 26

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
13	7	3	2	1

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers.	View Document

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years

Response: 16

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	1	2	2	2

File Description	Document
List of research fellows and their fellowship details	View Document

3.1.5 University has the following facilities

1. Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. Media laboratory/Business Lab/Studios
5. Research/Statistical Databases

Any four facilities exist

Three of the facilities exist

Two of the facilities exist

One of the facilities exist

Response: Two of the facilities exist

File Description	Document
List of facilities provided by the university and their year of establishment	View Document
Link to videos and photographs geotagged	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by government agency

Response: 26.67

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognitions by government agency

Response: 8

File Description	Document
List of departments and award details	View Document
e-version of departmental recognition award letters	View Document

3.2 Resource Mobilization for Research

3.2.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years(INR in lakhs)

Response: 45.81

3.2.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
25.19	18.68	0.9444	0	1

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.2.2 Grants for research projects sponsored by the government sources during the last five years**Response:** 291.77

3.2.2.1 Total Grants for research projects sponsored by the government sources year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
116.43	35.66	55.62	71.63	12.43

File Description	Document
e-copies of the grant award letters for research projects sponsored by government	View Document
List of project and grant details	View Document

3.2.3 Average number of research projects per teacher funded by government and non-government agencies during the last five years**Response:** 0.05

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 65

File Description	Document
List of research projects and funding details	View Document
Supporting document from Funding Agency	View Document

3.3 Innovation Ecosystem**3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge****Response:**

The Center for Entrepreneurship Incubation at SMIT under Sikkim Manipal University Technology Incubation center is to provide support, space, service and nurture early stage startups in all field of technology. As SMU grows in its strength, we are committed to train and nurture our students from being employees to becoming employers and help the country in our own little humble way by joining the mission of the government of India to reduce unemployment.

The main function of this center is to motivate and nurture young entrepreneurs by providing them the following:

- Infrastructural support i.e. office space, meeting room
- Platform to do networking
- Management assistance
- Other support services, specific to incubators

The Incubation center helps students with strong entrepreneurial abilities by identifying them and supporting them to:

- Incubate early stage entrepreneurial ventures based on technology and innovation.
- Create physical infrastructure and support systems necessary for business incubation activities.
- Facilitate networking with professional resources, which include mentors, experts, consultants and advisors for the incubatee companies.
- Identify technologies/innovations which have potential for commercial ventures.
- Promote and foster the spirit of entrepreneurship.
- Carry out activities that facilitate knowledge creation, innovation and entrepreneurship activities.

Activities at SMIT-MUTBI:

Some major activities that are being planned regularly are:

- Interaction with students to motivate and nurture them as entrepreneurs.
- Sensitize them of the resources that will be provided as support at SMIT/SMU.
- Organize workshop with more interaction with experts in the field.
- Organize exhibition of Technical designs and encourage them to convert them to commercially viable products.
- Invite some of our students who have started successful ventures and motivate our students.

The Center also provides seed grants to entrepreneurs with innovative business ideas through the Dr. Ramdas Pai and Vashanti Pai Endowment Fund.

Some of the Companies being incubated are:

1. AfterGlow Pvt. Ltd.
2. Untapped Technologies Pvt. Ltd.
3. Helpean Services Pvt. Ltd
4. Gooks Systems Pvt. Ltd
5. Estroso Technologies

Some of the products have been patented from the above companies

1. Efficient Energy Lighting Systems
2. Wearable Device
3. Low Cost Graphene Production
4. Low Cost Digital wall (Large Screen Wall TVs)
5. AI based Cycle

The center also organizes Annual Innovative students project competitions from which students are mentored to become young Entrepreneurs.

Entrepreneurs' Meet- Uplifting the entrepreneurs of North East India

EM17 was organized primarily to create awareness to the entrepreneurs of North East part of the country and Students of SMIT in particular. The event saw huge participations and enthusiastic interaction amongst participants.

Entrepreneurship Development Cell is an integral part of the institute that addresses the needs of the society with innovations catering to the local needs. It nurtures the grass root creativity and innovation towards a viable product. In addition to the students, locals are also trained to start their own ventures. Two products, Ajooba tubelight and automatic fan / cooler controller supported by the Innovation and Incubation Centre received an award from Hon'ble President of India in 2009 as one of the outstanding grassroots technological innovations.

File Description	Document
link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

Response: 9

3.3.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	2	0	0	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document
Report of the event	View Document

3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

Response: 4

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	0	0	0	0

File Description	Document
List of innovation and award details	View Document
e- copies of award letters	View Document

3.3.4 Number of start-ups incubated on campus during the last five years

Response: 6

3.3.4.1 Total number of start-ups incubated on campus year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	0	0	0	0

File Description	Document
e- sanction order of the University for the start ups on campus	View Document
List of startups details like name of startup, nature, year of commencement etc	View Document
Contact details of the promoters for information	View Document

3.4 Research Publications and Awards

3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document

3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	View Document

3.4.3 Number of Patents published/awarded during the last five years

Response: 3

3.4.3.1 Total number of Patents published/awarded year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	0	0	0	0

File Description	Document
Any additional information	View Document
List of patents and year it was awarded	View Document

3.4.4 Number of Ph.D.s awarded per teacher during the last five years

Response: 0.61

3.4.4.1 How many Ph.Ds are awarded within last 5 years

Response: 41

File Description	Document
Any additional information	View Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.32

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
333	215	206	170	75

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Response: 0.08

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
103	45	46	34	27

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Response: 1.43

3.4.7.1 Total number of citations received by publications in the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index

Response: 1725

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 16.14

3.4.8.1 Number of citations received by individual research publications in the last 5 years

Response: 2760	
3.4.8.2 Number of publications receiving proportionately maximum number of citation in the last five years	
Response: 171	
File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the University	View Document

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual	
Response: Yes	
File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to Consultancy policy	View Document
Soft copy of the Consultancy Policy	View Document
URL of the consultancy policy document	View Document

3.5.2 Revenue generated from consultancy during the last five years				
Response: 69.49				
3.5.2.1 Total amount generated from consultancy year wise during the last five years (INR in lakhs)				
2016-17	2015-16	2014-15	2013-14	2012-13
0.25	0	69.24	0	0
File Description	Document			
Any additional information	View Document			
Audited statements of accounts indicating the revenue generated through consultancy	View Document			
List of consultants and revenue generated by them	View Document			

3.5.3 Revenue generated from corporate training by the institution during the last five years

Response: 90

3.5.3.1 Total amount generated from corporate training by the institution year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
90	0	0	0	0

File Description	Document
List of teacher consultants and revenue generated by them	View Document
Audited statements of account indicating the revenue generated through training	View Document
Any additional information	View Document

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The core aim of education is to foster all round development of the students. For this purpose, SMU aims to strike a balance between the knowledge gain in the four walls of classroom set up and the learning activities essentially to take place outside a typical pen and pencil classroom experience by organizing extension activities in the neighbourhood community. Students get the opportunity to do what they learn in class through experiential education. Community activities enable students to acquire life skills and knowledge. Students become more aware of issues in the community and develop a sense of responsibility to address those issues. This helps the students for deeper understanding of self and their involvement in the community.

The community based extension activities are integrated in the curriculum implementation plan of Constituent units offering medical and paramedical programs. Students are encouraged to participate in health awareness programme imparting health education to community by role play, debate, skit and discussion forums addressing various issues on AIDS awareness, Drug abuse, Adolescent health issues, tuberculosis and newborn care. The Red Ribbon Club of our College of Nursing is highly active and awarded best club for AIDS awareness by Sikkim State Aids controls Society. The Medical Students Association of India is an active body addressing important health issues of the community. The Swachh pakawada mission by SMIT and SMCPT were also commendable in action drive and Plantation drive in creating an awareness in sustaining a clean and viable environment. Various health camps are conducted with CRH in difficult outreach areas. Vittiya Saksharata Abhiyan was a campaign for promoting a digital economy through our youth volunteers to the community. Our endeavour to set up a UNESCO Bioethics

Unit was able to impress the minds of students as to what ethics is. Various initiatives by student's body touched upon the etiquette and behaviour involved in our workplace and professional attributes. The technical Campus along with the UN Information centre organizes SMITUN an Inter-Institutions model UN discussion forum addressing global issues. Various mass health education programmes are also organized in neighbouring schools.

3.6.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years

Response: 8

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	1	2	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
Any additional information	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 80

3.6.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
24	26	11	14	5

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Reports of the event organized	View Document

3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 8.14

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
715	415	175	235	83

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Report of the event	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

Response: 1.2

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	0	0	0	0

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	View Document

3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

Response: 153

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
96	29	11	17	0

File Description	Document
Details of linkages with institutions/industries for internship	View Document
e-copies of linkage related Document	View Document

3.7.3 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 12

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8	1	1	1	1

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

NAAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

Physical and Academic infrastructure and resources are instrumental in creating an ambience for enhancing productivity of the University community.

The University has provided adequate infrastructure facilities, including sufficient classrooms and lecture halls plus laboratories and other facilities. All constituent units have adequate classrooms, laboratories and computers as per Statutory Regulatory Authority (SRA). Laboratory and Computer Labs are equipped with instruments and technology comparable with any good University. The University has so far invested substantially towards improving the classrooms, laboratory infrastructure, books and journals and online resources for teaching, learning and research.

There are 58 classrooms and 10 seminar halls. All lecture halls, seminar halls and auditoriums are provided with LCD projectors. The University has more than 2500 computers/laptops for student use. Teachers are provided with computers to access academic resources for teaching. The University has been continually and constantly upgrading the infrastructure on the campus keeping in pace with increasing demand and requirements of the constituent units. The university strives its utmost to meet the additional requirements.

Technical Campus facilities - <https://www.youtube.com/watch?v=iaZev5kQbHs>

Medical Campus facilities- https://youtu.be/_cfZFJCXVgk

File Description	Document
Link for Additional Information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities.

Response:

Technical campus though located in a hilly terrain has adequate indoor and outdoor sports facilities to include Football, Badminton, Squash, Cricket, Tennis, Table tennis, Volleyball, Basketball, Swimming pool, Aerobics and Gymnasium. The college has highly qualified Male & Lady Sports officer always available in the campus responsible for coaching and conduct of various sports events. All outdoor court/play ground has flood lights.

Indoor Sports complex: Badminton, Table Tennis, Snooker, Aerobics, Swimming Pool, Squash and Basketball

Outdoor Sports: Volleyball, Football, Basketball, Track & Field, Cricket and Tennis. Depending on the semester, the inter-department sports competitions are categorized as *Odd Semester Sports competitions and Even Semester sports competitions*. The details of the events are published in semester wise sports calendar. The college team takes part in tournaments organized by colleges/sports organizations across the country.

<https://www.youtube.com/watch?v=iaZev5kQbHs>

<http://smu.edu.in/smit/smit-experience/hostel-smit-smu/sports-facilities-smit.html>

Medical campus is located in the lap of Himalaya at 5th mile Tadong, near Gangtok, Sikkim. Being a hilly region it's pretty difficult to get a big piece of plane land for field games. But, as it's said, where there is a will, there is a way. We do play cricket and soccer, however, in improvised format with "cosco" ball on concreted surface. Medical campus has facility for basket ball, volley ball, futfal, badminton, Table tennis and well equipped gym. Lots of field, court, board, gym and computer games events are played regularly. Annual inter-batch competitive sports events are organized and the winner and runner-up teams do get chance to participate in various inter-college and state level competitions regularly. **Aura-sports cum cultural event** organized by SMIMS includes following sports activities-

- a. Field Events: Cricket, Football
- b. Court Events: Badminton, Volley Ball, Basket Ball,
- c. Board Events: Table Tennis, Carom, Chess
- d. Athletic Events: Throw ball, Shot-put, Tug of war, 1 Km Race, 4 Km Race
- e. Gymnasium Events: Weight Lifting, Bench Press
- f. Computer Games: Counter Strike, FIFA

"**Kaalrav**" an annual inter-collegiate competitive event organized by SMIT includes all the above mentioned sports activities. Every year we develop a cricket team to participate in annual tournament of Sikkim Cricket Association. Every year our players participate and do exceedingly well in state level annual badminton events.

File Description	Document
link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 85.29

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 58

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 26.18

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
7200	1400.16	2318.12	5433	3994.66

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Sikkim Manipal University (SMU) has state of the art library at both Medical and Technical Campuses. SMU installed *EasyLib* in the year 2008 to automate all the routine services of library. At present, libraries at both the campuses are fully automated using *EASYLIB* –Ver.4.3.3 - Entire Automation System for Libraries, an advanced and state of the art library automation system. extended the scope of various services like CD-ROM database search, & EPAC.

Library Automation	Details
Name of the ILMS software	EasyLib
Nature of automation (fully or partially)	Fully Automated
Software Version	Ver.4.3.3
Year of automation	2008

Technical Campus Library:

The Library is a two-storied building with 3500sq.m carpet area. SMIT Library has built up a rich collection on all branches of Engineering, Science and Management. The seating capacity for library is 541 users at a time. The Reading hall has a free wifi facility for the Users. Central Library opens from 9.00 am to 8.00 pm on all working days except holidays.

The Technical campus library serves as a model of an evolving and dynamic facility in technical learning since 1997. The Library's collection comprises hybrid resources (Print & Electronic) in the field of science and technology, engineering & management. The Library also has a separate Internet section consisting of a number of networked terminals for providing recent and most comprehensive access to e-journals and other e-reference resources to the faculty, students and staff under Intranet and Internet environment.

Besides the comfortable seating and reading environment, the library is well equipped with modern facilities such as e-Learning, access to internet and web resources including online journals and e-books. Library is providing a growing range of databases available in electronic form on the campus network. All the library services have been automated on modern line.

Constituent units are member of Developing Library Network (DELNET) Consortium which provides on-line access to leading libraries in the country. The college subscribes to a large number of leading professional journals in the relevant fields.

SMIT is also a member of INDEST- AICTE Consortium and thus has on line access to most of the leading journals in the field of technology like IEEE, ASME, Elsevier (Science Direct), Digital Engineering, McGraw Hill E-Section, EBSCO (Management), ASTM etc.

Medical Campus library:

Library building is with 1607 sq.m. carpet area. It has a collection of 16033 books. Out of which,10694 are text books and 5339 reference books. Library has 156 journals and 5 e-journals. Central Library at Medical campus provides web-based access to its resources via SMUERP.

File Description	Document
link for additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment**Response:**

In engineering campus their are 36 rare books, which has been collected from various sources. The book comprises of different aspects of technology, geographic condition and other aspects. The unique materials of the rare book and special Collections Division, now totaling over 36 items of rare books which have been collected from various sources. The list of rare books comprises of Municipal wastewater treatment:

evaluating improvements in national water quality to Roark's formulas for stress and strain.

4.2.3 Does the institution have the following

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 2 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)

Response: 89.84

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
105.28	50.48	140.7	107.3	45.45

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library**Response:** Yes

File Description	Document
Details of remote access to e-resources of the library	View Document

4.2.6 Percentage per day usage of library by teachers and students**Response:** 8.06**4.2.6.1 Number of teachers and students using library per day over last one year****Response:** 330

File Description	Document
Details of library usage by teachers and students	View Document

4.2.7 E-content is developed by teachers :

- 1. For e-PG-Pathshala**
- 2. For CEC (Under Graduate)**
- 3. For SWAYAM**
- 4. For other MOOCs platform**
- 5. For NPTEL/NMEICT/any other Government Initiatives**
- 6. For Institutional LMS**

Any 5 of the above**Any 4 of the above****Any 3 of the above****Any 2 of the above****Response:** Any 2 of the above

File Description	Document
Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG)	View Document

4.3 IT Infrastructure**4.3.1 Institution frequently updates its IT facilities including Wi-Fi**

Response:

University has a comprehensive IT policy with regard to IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management. Hi-speed internet connectivity is provided to the faculty members, students and research scholars through local area network/Wi-Fi. Departments in the constituent units are connected through LAN. University ensures the use of computer and related resources in an environmentally responsible manner. The IT department does maintenance of computers & peripherals. Annual Maintenance Contracts for sophisticated equipment are also undertaken.

SMUERP is used to access Human Resources Information System (HRIS) and Knowledge repository as LMS. Teachers upload their presentation slides, class notes and other supplementary learning material on **SMUERP** –Knowledge Repository for student use.

SMU promotes the use of **Information and Communication Technology (ICT)** for managing academic activities. **eCampus Manager** is an online platform for managing and viewing of complete student and teaching-learning information. eCampus Manager used to manage student attendance, internal assessment and obtain student feedback. Students have access to their attendance and internal assessment marks.

List of servers:

- SMUERP Application Server: 2007
- HIS Database server
- Finance Servers:
- Library Server: automated with Easy Lib Software.
- Active Directory Domain Server:
- SAN Storage Server: For Data storage and Security.

Internet: Internet connectivity Bandwidth is 8 MBPS

Online Admission: Admission process of SMU is Online since 2008 for all the courses.

Video Conferencing for T&P Setup: for the Training and Placement cell.

Antivirus: - New Microsoft K7Client Security .

LAN facility connected with Fiber optic backbone and Cat6 cable to every department with speed of 1 GBPS.

Updatation:

1.Old Hot spots at SMU and CRH upgraded to enable a wifi of entire campus DVOIS and Reliance Jio from Novemebr'2016

2.IBM 3650M4 updated SIS on 28.03.2017

4.3.2 Student - Computer ratio**Response:** 1.38

File Description	Document
Student - Computer ratio	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

<50 MBPS

250 MBPS-500 MBPS

50 MBPS-250 MBPS

500 MBPS - 1 GBPS

Response: 500 MBPS - 1 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)**Response:** No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years****Response:** 7.66

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1251.6	1332.15	1426.21	1117.59	1004.438

File Description	Document
Audited statements of accounts.	View Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Engineering department of SMU has SOPs for maintenance of physical facilities. The physical facilities comprises of the University buildings, classrooms, auditoriums, seminar halls, laboratories, library and sports facilities. Head-Engineering is responsible for laying down the procedures and their implementation. The Univeristy has Internal Purchase Committee (IPC), which reviews and monitors the purchases. The purchase of items and services for maintenance and projects requires approval from IPC. After approval of IPC, it is sent for financial allocation of fund to issue purchase order. Purchases above 20 Lakh requires approval from University Purchase Committee (UPC) headed by Vice chancellor.

Request for maintenance and repairs is raised via SMUERP. On receipt of complaint or request for repair, junior engineer sends an electrician, plumber and carpenter to site for maintenance work/repair. The maintenance of the laboratories and the classrooms allotted to the departments are taken care by the respective departments. Budget for maintenance as well as up-gradation of the classroom and laboratory facilities are projected by the respective department annually.

Most of the lab equipment's are maintained by the trained technical staff and repair work is carried out by the various service providers. Some of the sophisticated instruments of the academic departments and centralized facilities like lift, AC, water cooler, water filtration units, photo copier, generator etc. are under annual maintenance contract (AMC) . The cleaning of the classrooms, laboratories, hostels, institute premises and residential areas is outsourced to Manipal Integrated Services (MIS).

Maintenance of IT infrastrucure is done by SMU IT department. Wi-Fi is outsourced to DVOIS and Reliance Jio. The website is maintained by SMU-IT. Support of local vendors is taken on regular basis for repair and maintenance of various assets of the University. Equipment in Gymnasium at sports complex is maintained by outsourced vendors on AMC.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 7.65

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
305	356	282	230	366

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
upload self attested letter with the list of students sanctioned scholarships	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 1.25

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
108	51	36	42	12

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document

5.1.3 Number of capability enhancement and development schemes –

1. Guidance for competitive examinations
2. Career Counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and Meditation
8. Personal Counselling

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

Response: Any 6 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 8.9

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
397	366	353	296	379

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 The institution has an active international students cell to cater to the requirements of foreign

students**Response:**

SMU has established International Collaboration Cell. To look after the matters related to the Foreign Students located in the Technical Campus and Medical campus of SMU, there will be two cells, International Collaboration Cell (Technical Campus) and International Collaboration Cell (Medical Campus). This cell is responsible for arranging for MOUs/Agreements with foreign universities as per the SMU Policy, to provide guidance to the students in IAESTE activities (Technical Campus), facilitate admission of International students in SMU, to look after exchange/ Study Abroad Programs as per the approved policy of SMU.

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years**

Response: 40.1

5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
437	421	406	339	379

File Description	Document
Details of student placement during the last five years	View Document
Self attested list of students placed	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)**Response:** 3.38

5.2.2.1 Number of outgoing students progressing to higher education

Response: 37

File Description	Document
Details of student progression to higher education	View Document
Upload supporting data for student/alumni	View Document

5.2.3 Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations)**Response:** 14.57

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
21	4	6	8	0

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
103	27	34	40	14

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

Response: 5

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	1	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Student Council (SC) is an elected body of students. The elected members are third year students and the Vice-President (VP) and General Secretary (GS) needs to be Class Representative (CR). The students contesting for various posts needs to be nominated by SC members. All the CR's except for 4th year are allowed to vote to elect the SC members.

The main function of Student Council is to coordinate all types of student activities in the campus. They directly function under Dean and in the monthly meeting chaired by Director, all issues pertaining to students are discussed in detail. Student Council serves as a platform where the students can raise their concerns and constructively participate in betterment of student's career, life at campus and contribute positively to the building of the Institute as an ideal place of learning.

Student Clubs: CULTURAL CLUB, ILLUSION, UDAAN, CHROMATICS, SMITMUN, PORTS CLUB, PHOTOGRAPHY CLUB, INNOVISION, INQUIZITIVE, OPEN SOURCE CLUB (OSC), ARTIFICIAL INTELLIGENCE (AI CLUB), DE DESINO (Designing Club) and DECODERS

For more details visit: <http://smu.edu.in/smit/smit-experience/student-clubs.html>

File Description	Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 3.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	4	3	2	2

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Report of the event	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

SMU has alumni association in all its constituent units. Although alumni association is not registered, it is very active in SMIT and has an active **Alumni Engagement Cell** with an objective to facilitate alumni to take part in the institutional activities. Alumni Engagement Cell is an important link between the Alumni and the alma-mater. Alumni Engagement Cell is the single contact point for alumni including document related support or necessary perusals.

Alumni Engagement Cell works with Training and Placement Cell to make it feasible for the students to explore internship opportunities and enhancement of placements. It also organizes alumni talks to motivate students.

SMIT alumni association meets every year and organizes TEDx talks for the benefit of students.

<https://www.youtube.com/watch?v=LIP6MwALwzY>

https://www.youtube.com/watch?v=z6ndJVbP_Lw

<https://www.youtube.com/watch?v=FdG21aapiCY>

Visit Alumni Association URL www.smitalumni.in

File Description	Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years (Amount in rupees)

<5 Lakhs

5 Lakhs -20 Lakhs

20 Lakhs -50 Lakhs

50 Lakhs -100 Lakhs

Response: <5 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 2

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	0	0	0

File Description	Document
Report of the event	View Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University

Response:

In line with the vision of the University, i.e., “Global leadership in human development, excellence in education and healthcare”, the ‘leadership’ is committed towards continual improvement, sustained growth and development of culture for quality. The leadership of the university is guided by the principle of sound judgment, effective communication and setting standards and benchmarks in quality education and administration, always striving to excel for stakeholder / student satisfaction. The Organization structure incorporates various bodies viz. Governing Council, Executive Committee, Finance committee, Academic Senate, Board of studies and Grievance cell. The Governing Council meets at least twice in a year and the Academic Senate meets minimum twice in a year. The finance committee meets at least twice a year. University encourages participatory management by involving the stake holders at all levels. Through departmental meetings, coordination committee meetings, Board of Studies meetings, the University facilitates the internal sharing of ideas in a democratic manner, encouraging maximum participation from faculty members.

6.1.2 The institution practices decentralization and participative management

Response:

University encourages participatory management by involving the stake holders at all levels. Through departmental meetings, IQAC coordination committee meetings, Board of Studies meetings, the University facilitates the internal sharing of ideas in a democratic manner, encouraging maximum participation from faculty members.

University organizes "**Town hall**" at both campuses. Leadership team communicates the University's goals as per perspective plan to employees during Town Hall. Town Hall also gives an opportunity for employees to interact with top management of the university. Employees give suggestions and novel ideas for improvement of the university processes. This demonstrates "**inclusive leadership**" at SMU.

All values are in-built in all the processes of the University, right from admissions, teaching learning, curriculum design, examination etc. and thereby reinforcing and inculcating sound value system among students. The University strives in the all-round development of its students through a holistic approach rather than restricting to the academic activities. The University has created required infrastructure, facilities including appropriate human resources as per the Statutory Regulatory Authority (SRA) norms.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The Perspective plan (2018-2023) of Sikkim Manipal University is fundamentally based on Vision, Mission and Core values of the University.

.Goal 1: Explore and introduce new programs based on local and global needs and provide more options for prospective learners.

- Programs in Humanities -B.Ed., BA (Economics)
- More PG programs in Medical: MS (Ortho), MS (Gen. Surgery), MS (Radio diagnosis)
- New programs in Engineering
- Establishment of Institute of Allied Health Sciences
- Introduce more distance education programs through technology adoption to reach out to more number of students to make them industry ready.

Goal 2: Enrich current programs with more value added courses

- Introduce NSDC skills programs
- Introduce Choice Based Credit System (CBCS)
- Introduce UNESCO Bioethics course as part of Medical and Paramedical curriculum

Goal 3: Encourage technology adoption for admission, teaching learning and evaluation.

- Implement Student Life Cycle Management (SLcM)
- Automation of examination process and explore implementation of On Screen Marking (OSM) for evaluation
- Learning Management System (LMS) for Teaching Learning

Goal 4: Improve promotion pathways and strengthen faculty policies and processes, increase retention of faculty and bolster excellence in teaching, learning

- Faculty development programs
- Acquire quality talent with desired skills meeting requirement of Statutory Regulatory Authority (SRA).
- Development of employees on continues basis to enhance the skills and competencies in newer age requirements.
- Draw, adopt and evaluate a holistic engagement model integrating all the aspects of human capital requirement for deep engagement by adopting few Employee Value Proposition pillars to create a strong Employer Branding.
- Improve communication channels through technology adoption for effective and transparent communication.
- Motivate more employees to opt for SMILE program to shoulder higher responsibilities and grow within the organization.
- Formulate and conduct academic leadership conferences every year for best practices sharing and for resource mobilisation/fungibility to infuse new learning.

Goal 5: Upgrade infrastructure facilities

- Capacity upgradation of Central Referral Hospital (CRH)
- Additional hostel facility for students
- Dedicated river based water supply to SMIT campus
- Additional faculty quarters at SMIT

Goal 6: Foster new research collaborations that result in sustainable initiatives to increase research funding and expenditures, and other scholarly and creative activities.

- Increase seed money to promote research among young researchers.
- Promote industry partnership and consultancy for new research and development
- Additional resource mobilization by Consultancy projects, Research Grants from Govt and Non-Govt Organizations.
- Encourage student innovations through Technology Business Incubator (TBI).

Goal 7: Increase the impact of university research, scholarly and creative activities, including increasing sponsored research funding, publishing in peer reviewed journals, creative works and national and international recognition.

- Encourage teachers to organize conferences/workshops/seminars
- Provide incentives to teachers for research initiatives.
- Awards and recognitions for teachers and researchers

Goal 8: Promote quality culture by certifications and accreditations

- NBA accreditation for Technical campus
- NABH accreditation for CRH
- ISO Certification for SMU constituent units
- Strengthen academic and financial audits

File Description	Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the University including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Link to **Organogram**: <http://smu.edu.in/smu/about-us/leadership/smu-organogram.html>

The Governing Council:

- The Governing Council shall have all the powers necessary for the administration and management of the University or for conducting its affairs, including power to review the action of the Executive Committee, The Academic Senate, the Finance Committee and all other committees and the power to review the regulations made by the Executive Committees and shall exercise the powers of the University not other wise provided Act.
- Without prejudice to the generality of the powers conferred by sub-Clause (1), the Governing Council shall –
- Recommend the board policies and programmes of the University and suggest measure for the improvement and development of the University ;
- Consider and pass the resolution on the annual report, the financial

Executive Committee (EC):

- The Executive Committee shall be the Chief executive body of the Committee University.
- Subject to the powers and functions of the Pro-Chancellor, the administration, management and control of the University and the income thereof shall be vested with the Executive Committee which shall control and administer, the property and funds of the University.

Finance Committee:

- To examine and scrutinize the annual budget of the University and to make recommendations on financial matters to the Executive Committee.

Academic Senate:

- To report any matter referred or delegated to it by the Governing Council or the Executive Committee.
- To make recommendations to the Executive Committee with regard to the creation, abolition or classification of teaching posts in the University and the emoluments and the duties attached thereto:
- To formulate and modify or revise schemes for the organization of, the faculties, and to assign to such faculties their respective subjects and also to assign to such faculties their respective subjects and also to report to the Executive Committee as to the expediency of the abolition or sub-division of any faculty or the combination of one faculty with another.
- To make arrangement through regulations for the instruction and Examination of persons other than those enrolled in the University and
- To promote research with the University and to require, from time To time, reports on such research,
- To consider proposal submitted by the faculties;

Board of Studies (BoS):

- 1.Prepare curriculum for various programs keeping in view the vision, mission and objectives of the university, interest of the stakeholders and national requirement for consideration and approval of the Academic Senate.
- 2.Suggest methodologies for innovative teaching and evaluation techniques.
- 3.Suggest panel of names to the Academic Senate for appointment of examiners; and Coordinate research, teaching, extension and other academic activities in the department.

HR Policy and Manual:

The university has a clearly defined HR policy with detailed service rules, recruitment/promotion policy and grievance redressal mechanism. All the details are available in the Employee hand book brought out by the University.

Grievance Redressal Cell

SMU has a standing Grievance Redressal Cell. Any grievance reaching the Head of the Institution (HoI) is referred to this committee for consideration and HoI acts on the recommendations of the committee. The HoIs consult Vice Chancellor as and when required.

File Description	Document
Link to Organogram of the University webpage	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: Any 4 of the above

File Description	Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Screen shots of user interfaces	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The University implements planned actions as per the strategic/perspective plan. Decisions are taken in the university governing bodies such as Governing Council (GC), Executive Council (EC), Finance Committee (FC) and Academic Senate (AS). Following are some instances of decisions taken during meetings of governing bodies, which are effectively implemented.

- The work for renovation (worth Rs.4 Crore) of Operation Theatre (OT) on Level 6 of Central Referral Hospital (CRH) was proposed during 41st Governing Council (GC) meeting held on March 22, 2017 is effectively implemented during October 2017 and the work progress was minuted during 42nd Governing Council (GC) Meeting held on October 28, 2017. This project will be completed during March 2018.
- Plan for NAAC accreditation decision was put up in 1st coordination committee meeting held during August 2017 is effectively implemented and the University has submitted SSR for accreditation to NAAC.
- Decision to form MCI cell in SMIMS was taken during 2nd IQAC coordination meeting held on 2nd Sept.2017 is successfully implemented and functional.
- Decision to discontinue unsubscribed programs was taken during academic senate meeting held on 27th Dec 2017 is successfully implemented.
- Decision to construct world class sports complex MARENA at SMIT is successfully completed and minuted in 41st Governing Council (GC) meeting held on March 22, 2017.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

Reimbursement of Children Education Allowance: The reimbursement of children Education Allowance is up to 75% of tuition fee, maintenance & development fee, subject to the ceiling of Rs. 5000/- per annum for all SMU employees irrespective of their pay scale.

Fee concession for employees to pursue SMU Distance Education program: SMU employees pursuing SMU DE courses will get 80% concession of fees. This provision shall also be applicable to their spouse and dependent children.

Concession in tuition fees for pursuing courses under SMU Regular programs: All staff of SMU and its constituent units have been getting 50% concession on fees for pursuing different courses under various courses of SMU. The employees/dependents of employees of Sikkim Manipal University and its constituents interested in joining as also, employees who are already pursuing Distance Learning Courses of SMU-DDE or regular courses at SMIMS or SMIT are required paying full course fee as applicable per semester to the respective courses. The eligibility conditions and mode of application for the Scholarship have been detailed under procedure The Application form for the same can be obtained from the HR

department.

Medicare scheme for SMU employees: CRH had been providing medical support to SMU employees on no profit no loss basis through use of Medicare scheme. As a consequence, the cost of concessions extended to staff and family members of SMU

Medical benefits: Free Consultation b. Concession on Diagnostic/ Therapeutic procedure c. Free Maternity benefit up to two deliveries (If enrolled under family plan)

Out Patients benefit: Free Consultation, Free Medical Checkup, Free routine Laboratory Investigation. Concession on diagnostic/ therapeutic procedure 40% discount. Operative Procedures. b. All other Laboratory and Radiological Investigation. c. CT/MRI scan. d. Super Specialist procedure (excluding consumables and cost of medicines which will be borne by employees as hitherto fore.

Medicines/Consumables: 10 percent discount on medicine purchased from CRH Pharmacy against recommended treatment.

Leave Travel Policy: The policy shall provide financial assistance to employees while proceeding on leave for travel to hometown or any place in India for self & family members. All Employees and their family members shall be eligible for travel to hometown and back or any place in India on Leave Travel Expense, as per entitlement, but maximum claim limited up to one month basic pay.

Conference Policy: The faculty for attending conference is selectively extended to eligible faculty members and other employees keeping a view the need to provide academic advancement and professional enrichment of staff

Group Mediclaim Policy: GTLI/GPAI POLICY cover being extended to employees of the Group is among various staff welfare measures and mandatory for all employees up to the age of 69 yrs.

Uniform Allowance : The drivers of Sikkim Manipal University and its constituent units are given a uniform allowance of Rs 2000 per annum. If the drivers fail to wear the uniform, their allowances shall be discontinued.

Gratuty and Provident fund for employees

Group Insurance Scheme for employees

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 7.7

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
78	52	49	50	14

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

Response: 12

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
16	15	10	03	16

File Description	Document
Details of professional development / administrative training programs organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 23.77

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
238	222	111	102	76

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Sikkim Manipal University & its constituent units has a robust Performance Management System for all the employees under category Leadership & Teaching for effective motivation of employees as also to drive High Performance Culture.

The performance management cycle is from April to March and it comprises of both competency based and behavioral based assessment parameters. The competency part comprises of quality elements with respect to teaching, student, pedagogy, academic delivery, research, etc.

A detailed communication will be sent to individual employees with copies to their respective HODs/HOIs in the month of January to enable individual employees to capture the contributions/achievements of that particular year and the same will be evaluated by their respective HODs. Upon completion of the PMS form in all respects, the scores of each individual will be discussed with the HOIs for conforming the achievements.

Upon receipt of the PMS document and capturing the scores, the final calibration/validation of scores will be done from HR department along with the HOI for removal of various biases and after completing the grade clustering namely A, A+ (A Plus) and A++ (A Plus Plus), the recommendation sheet will be sent to Vice Chancellor for his approval.

Once the document is approved, it will be forwarded to Finance Department for inputting the PMS amount equivalent to respective grades for payout for the PMS period of 1st April to 31st March.

To create a High Performance Culture as also to achieve the University objectives apart from the individual objectives, the percentage of employees to be covered under each category is bucketed as under:

- Top 30%-Category A++(A plus plus)
- Next 60%-Category A+(A plus).
- Last 10%-Category A (A)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

1. Internal & Statutory auditors are appointed by the **Finance Committee** every two years on recommendation by the University.
2. Internal Auditors – M/s G Choudhury and Associates, Chartered Accountants, Gangtok. They carry out internal audit at the end of every quarter. After a draft report is submitted, the management submits its remarks and compliance to the same, after which the report is finalised.
3. Statutory Auditors – M/s Deoki Bijay & Co., Chartered Accountants, Kolkata. Statutory audit is carried out as applicable to a University registered under section 10(23C)(vi) of the Income Tax Act, 1961. 1st phase of the audit commences during Jan-Feb & 2nd stage during May.
4. The Finance Committee is appraised of the both the audits as conducted above in its next meeting with its observations and compliance.
5. Major audit objection (Internal Audit) -
 - Lack of central stores and inventory documentation at SMIT – Presently individual departments are maintaining their respective inventory with proper documentation. The institution is looking for ways and means to implement the system of central stores as well.
 - Collection of fines on late fee collection – presently SMU has no automated system to inform students of their payables and the time frame to submit the same. The same is presently being done through notice boards. ERP is being developed to arrest the issue.
 - A few clerical errors and shortcomings in bookkeeping – rectification entries/necessary adjustments carried out then and there. However, we strive to limit human error and comply with the suggestions provided by the auditors.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)**Response: 1.1**

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.10	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Well before the financial year starts, the HoIs submit their budget proposals (capital and operational) to the Finance Officer. The Finance Officer consolidates the requirements of all constituent units. Over a period of two days, the top management holds budget meetings with each individual HoI. After due deliberations and considering the available resources, allocations are made to each of the units. Budget will be presented to Finance Committee (FC) for approval. The HoIs in turn communicate to respective heads of the departments of the units. Once the allocations are made, the HOI is authorized to implement the budget proposals.

The accounts are audited annually by a statutory auditor (external), who examines the accounts for the year. Financial Committee appoint the external auditors.

As a self-financed university, resource mobilization is primarily through fee collection. Other forms of resource mobilization are: Hospital Income, Research Grants, Consultancy Services, Endowments, State Govt. Grants, Profit on sale of investments and Interest Income. University encourages its faculty to apply for research grants and also to render consultancy work. University also approaches the philanthropists and alumni for donations / institute awards, scholarship etc.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

Quality Enhancement initiatives in the academic and administrative domains successfully implemented during the last five years:

1. **Outcomes:** Identification and fine-tuning of course outcomes, program outcomes and program specific outcomes for various courses.
2. Additional feedback from the students in terms of evaluation of various outcomes. Identification of weak areas and initiation suitable remedial action plan.
3. **Formation of Department Academic Cell (DAC):** DAC monitors the departmental activities in various fronts and contributes towards enhancement of the academic system of the department.
4. **Academic Monitoring:** Result analysis, creating a database for Question Banks (QB) and Lecture Notes (LN). Validating the quality of QB and LN by the Department Academic Cell.
5. **Enhancement of library infrastructure and facilities:** The existing library was shifted to a new location with a large increase in space and amenities. The new library is fully air conditioned with Wi-Fi and cafeteria facility. The amount of footfall of students has increased.
6. **New Mechanical-Civil Engineering Block:** The new building hosting Civil Engineering and Mechanical Engineering Departments along with the Central Library has ample space for all the three units. Spacious, state of the art laboratory/classrooms contributes well to the academic ambience.
7. **Marena (The Sports Complex):** The modern sports complex is the latest addition to the institute and offers variety of sports facilities as well as integrated food court to the students and staff of the

institute. Charged nominally for few of the facility like swimming pool and gymnasium, it is one of the biggest value addition for the students, wherein the energy of the student is channelized in positive activity. The complex has facilities like swimming pool, international standard basketball and badminton court, lawn tennis, gymnasium, yoga room etc..

8. **Landscaping** – The landscaping of the institute in terms of creation and improvement of gardens, fencing, and other external beautification has added to the positive ambience of the institute.
9. **Establishment of Hostel Management Committee (HMC):** HMC looks after the welfare of the students in terms of Hostel and Mess facilities. It comprises of Associate Director (student Affairs), Chief Warden, Hostel Warden and Floor Wardens.
10. **Creation of additional facilities in the Campus:** Stationery Shop, ATM and Brand Shop are the newly added facilities within the campus.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Through its IQAC, SMU has initiated monthly coordination meeting to monitor the academic progress. During these meetings, Head of the Institutions (HoIs) present the status of student progress, new initiatives, and the challenges. These meetings helped the departments in knowing the best practices in constituents units. Following are some of the initiatives emanated out of these meetings.

- **Reduction of Credits from existing 212 to 170 in some engineering programs:** To reduce the workload of students and engage them in other value added activities/experiential and participative learning.
- **Creation of Department Academic Cell (DAC):** DAC is assigned with the task of dynamic monitoring of the academics and other aspects of functioning of the department. It involves:

-Weekly assessment of the teaching-learning procedure adopted by the faculty members of the department.

-Collection and analysis of feedback received from teacher and students on weekly basis.

-Fine tuning the teaching – learning strategy to be adopted by the faculty members for slow and advanced learners.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 0.8

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 4 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document
e-copies of the accreditations and certifications	View Document
Annual reports of University	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Quality Enhancement initiatives in the academic and administrative domains successfully implemented during the last five years:

1. **Outcomes:** Identification and fine-tuning of course outcomes, program outcomes and program specific outcomes for various courses.
2. Additional feedback from the students in terms of evaluation of various outcomes. Identification of

weak areas and initiation suitable remedial action plan.

3. **Formation of Department Academic Cell (DAC):** DAC monitors the departmental activities in various fronts and contributes towards enhancement of the academic system of the department.
4. **Academic Monitoring:** Result analysis, creating a database for Question Banks (QB) and Lecture Notes (LN). Validating the quality of QB and LN by the Department Academic Cell.
5. **Enhancement of library infrastructure and facilities:** The existing library was shifted to a new location with a large increase in space and amenities. The new library is fully air conditioned with Wi-Fi and cafeteria facility. The amount of footfall of students has increased.
6. **New Mechanical-Civil Engineering Block:** The new building hosting Civil Engineering and Mechanical Engineering Departments along with the Central Library has ample space for all the three units. Spacious, state of the art laboratory/classrooms contributes well to the academic ambience.
7. **Marena (The Sports Complex):** The modern sports complex is the latest addition to the institute and offers variety of sports facilities as well as integrated food court to the students and staff of the institute. Charged nominally for few of the facility like swimming pool and gymnasium, it is one of the biggest value addition for the students, wherein the energy of the student is channelized in positive activity. The complex has facilities like swimming pool, international standard basketball and badminton court, lawn tennis, gymnasium, yoga room etc..
8. **Landscaping** – The landscaping of the institute in terms of creation and improvement of gardens, fencing, and other external beautification has added to the positive ambience of the institute.
9. **Establishment of Hostel Management Committee (HMC):** HMC looks after the welfare of the students in terms of Hostel and Mess facilities. It comprises of Associate Director (student Affairs), Chief Warden, Hostel Warden and Floor Wardens.
10. **Creation of additional facilities in the Campus:** Stationery Shop, ATM and Brand Shop are the newly added facilities within the campus.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 11

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	4	0	1	0

File Description	Document
List of gender equity promotion programs organized by the institution	View Document
Report of the event	View Document

7.1.2 Institution shows gender sensitivity in providing facilities such as

- a) Safety and Security
- b) Counselling
- c) Common Room

Response:

Gender champions are selected as per the guidelines of UGC. One boy and one girl student are selected after several round of screening and personal interview. The gender champions selected are entrusted with the task of propagating the concept of gender equity in all front. The concept is popularised by organising debates, essay competition, talks and plays. Poster's and messages pertaining to the gender equality are displayed across various poster boards and notice boards. Every faculty is sensitized regarding gender equity and faculty member spreads the importance of gender equity during interaction with the students in the regular classes. Be it sports, cultural, mess and other activities of students, institute follows a policy of having a representative each from both the boys and girls. This ensures fair participation and better understanding amongst the students. Safety of girls is given prime importance in the campus. There are standard laid down rules in the campus, which assists in proving safe environment to the girls within the campus.

Every issue of girl is handled by a female staff keeping in consideration the special requirement of girls. All the staffs in girls hostel are ladies and the hostel warden are ladies from the teaching fraternity. Teacher guardians allotted to the girls students regularly apprise the parents about the performance and other issues of their daughter.

Every batch of new students are counselled on the first day by the Director/Dean, management staff and student representatives regarding the importance of healthy habits and how to make the stay productive in the campus.

Student Council, an elected body of the student is pro-active in handling all issues pertaining to students. A positive atmosphere is created via help provided by the seniors to juniors and management promotes all ideas and activities that promote the universal human values across the students.

Universal Human Value course is offered in the first year is one of the important step that helps in building the concept of gender equity.

The gender related programs are conducted every year on topics **Gender equity and Gender sensitization**

The University has constituted **committees for prevention of sexual harassment** of staff and students, with an objective to formulate procedures for preventing sexual harassment and to monitor adherence to the procedures.

7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 5.37

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 271.799

File Description	Document
Details of power requirement of the university met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 6.53

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 93.694

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**

- **E-waste management**

Response:

Waste generated from campuses and hospital is carried by Gangtok Municipal Corporation (GMC) at Medical Campus, while at Technical campus located at Majitar, waste is carried by Rangpo Municipal Corporation (RMC). At present, technical campus has following waste management practices.

i) **Effluent Treatment Plant (ETP)** is used to treat waste generated by 4000 inhabitants in campus. Effluent is treated in the sewage treatment plant. Total sludge and kitchen waste (wastewater) passes through screen and grit chamber to remove large floating objects, then the sewage passed to primary settling tank to settle most of the suspended solids. The primary sludge (settled solids) are removed and processed. Sometimes the processed dry sludge is used as manure for gardening activities within campus. Then, the effluent is treated with air (oxygen) in the reactor for further aerobic microbial decomposition of organic waste. The water is then passed through bacterial cultures for further degradation of waste substances. Finally, the treated effluent without any organic waste, odour or colour is disposed in river Tista.

ii) **Food waste** from mess/canteen (average 50 to 80 kg of waste/day) is used as animal feed in the piggeries.

iii) Water based chemical reactions are carried out for minimizing hazardous solvent chemical usage.

iv) Principles of green chemistry applied in labs to avoid generation of hazardous chemicals. Organic and inorganic chemical wastes are kept in separate containers, and then sent for safe disposal. Reagent bottles containing organic materials are washed several times with acetone, methanol and water, then again washed with acetone properly and dried. Afterwards, these bottles are used for laboratory purpose.

E –waste management

i) Obsolete yet working computers are discarded by the constituent unit are donated to various schools and NGOs in neighbourhood.

ii) Computers and printers which cannot be used are sold to vendors for recycling or buy back scheme

iii) Old computers are sold to interested ones in nominal price

In addition, SMIT has initiated **vermicomposting** of waste. Vermicompost generated is used for gardens.

7.1.6 Rain water harvesting structures and utilization in the campus**Response:**

SMU has taken few initiatives at technical campus to harvest rain water.

1. Paver blocks with water permeating property for recharging ground water are being used at main entrance of F block building and Library building.
2. Spring water is collected in a collection tank (capacity 15000 lts) located in hill slope, 3 km away from SMIT. The water then transported in 4 inch GI pipelines and stored in 4 compartments (each 1, 50,000 ltrs capacity) of storage tank. The water storage do not require pumping, and hence save electrical energy. The surface water is then passed through sand filter to remove particulate load and then chlorinated every week by applying bleaching powder to kill pathogens. The treated surface water is then supplied for domestic use..

Hospital Waste Management : At Medical campus, hospital waste is collected, treated and disposed off as per guidelines of Central/State Pollution Control Boards using modern equipments -Autoclaves, Shredders and Incinerators.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The University is eco-friendly, landscaped and the entire campus is **plastic-free**. A clean source of energy is utilized at campus through solar water heaters and electrical systems. The University has carried out **environmental audit** of its technical campus and puts efforts towards **Carbon Neutrality**. Following are some green practices at the university campuses

Environment Consciousness:

- Students are engaged in campus cleaning drives (**Swatch Bharath**) as part various forums/clubs created in various constituent units.
- At technical campus, students and faculties watch 'Earth Hour' on 19th March from 8.30 PM to 9.30 PM in the campus by 'power off' the campus in solidarity of the global effort towards reduction of green-house emissions.
- Campuses are non-smoking and pollution free zone.
- 500 and 1000 ltrs capacity reverse osmosis plant installed in hostels to make pure drinking water, and more R.O. plants will be installed in future.

Plantations :

- i) Different clubs and student forums within institute periodically organize plantation drives to make the campus greener and carbon neutralized.
- ii) Fruit trees like mango, jackfruit, guava and litchi are planted all over the campus. Decorative plants like

algeria, chinese palm, bottle palm, bottle brush etc. are planted in the campus for beautification. Trees like Ashoka, Neem, Peepal, Simal etc. are planted on road sides.

iii) Buildings and sidewalks inside the campus are well hedged with bamboos. Various decorative and flowering plants grown in lawns and sidewalks.

iv) Teak plantation was done in 2006. At present, nearly 200 full grown trees are surviving

v) Cherry tree plantation drive was carried out by Physiotherapy department at Medical campus during 2017.

Carbon neutrality:

Co2 emission is reduced by using solar water heaters in major establishments of the university. Smoking is banned in academic zone of the constituent unit. A continuous drive is on through plantations and horticulture activities to keep the campus green. Restricted entry to automobiles inside the campus for a pollution free environment. Both campuses being residential, faculty and students commute by walk contributing to reduction of carbon footprint.

SMIT campus was nominated for **AICTE clean campus award**

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.17

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
31.28	62.82	19.67	13.92	12.69

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendlines Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 11

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	4	3	0	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 24

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	12	3	0	2

File Description	Document
Report of the event	View Document
Details of initiatives taken to engage with local community during the last five years	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 20

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	4	4	4	3

File Description	Document
Any additional information	View Document
List of activities conducted for promotion of universal values	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions. Transparency in academic administration is achieved through well-defined roles and objectives, professional practices and processes communicated through the Handbook circulated to all faculty members and students.

Most of the decisions are taken in governing bodies and committees involving all the stakeholders. All financial matters are discussed at the department level, institutional level and finally decisions are taken in Finance committee and Governing Council (GC). Similarly, all academic matters are discussed in Board of studies, Academic Senate and Executive committee. All institutional purchases are routed through Institutional Purchase Committee (IPC) and University Purchase Committee (UPC).

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice 1:

- 1. Title of the Practice:** Teacher Guardian Scheme
- 2. Objectives of the practice:** To ensure personalized, emotional, academic and other support to all the students of the Institute by faculty members.
- 3. The context:** Students in higher education are in late adolescence and early adulthood hence generally are not provided with any personalized support in HEIs beyond the formal framework. It has been our experience, however, that students do require personalized support particularly as they come out of close parental care for the first time in their lives, many of them are yet to understand the significance of being adult, and the responsibility and expectations it entails for them. They are emotionally vulnerable and lack maturity to face a new world. Realising this need of the students, a structured mechanism was felt to be introduced and teacher-guardian scheme evolved at SMIT and has been found to be a great success. This scheme is introduced in all the constituent units.
- 4. The Practice:** Under the scheme each student is allotted to a specific teacher - his/her teacher-guardian (TG) - who provides emotional support, monitors the academic performance, provides

necessary guidance and support to his/her ward and communicates all such details regularly to the parents of the student. A teacher has 10-15 such wards under him. He fulfils following responsibilities: Medical Attention, Emotional support, Link with his parents, Link with other teachers, Communication with his/her parents, Growth and development of ward, Counselling etc.

5. **Evidence of Success: The scheme has brought in significantly increased interactions and** Inputs from students, parents and the TGs resulting in improved academic performance by slow learners and weak students, significantly less incidents of ragging, indiscipline and fights.
6. **Problem Encountered and Resources Required:** The young faculty needs to be trained to fulfil this role and some of the students are not able to build required rapport and trust with the TG.

Best Practice 2:

1. **Title of the Practice:** Benevolent Fund
2. **Objectives of the Practice:** To provide financial support to students to continue their studies at SMIT in case they lose the member to death/incapacitation, who provides financial support.
3. **The context:** In the year 2001, a student of 3rd year lost his father – the only earning member of the family, and consequently it appeared that he had to discontinue his studies at SMIT. Individual faculty members of SMIT provided him with financial support and he could complete his studies. This incident underlined the need for us to have a better mechanism in case where a student suffers a similar fate. Benevolent fund concept was proposed in the year 2002 and accepted by the management in 2003. Similar fund is also available in SMIMS.
4. **The Practice:** The fund is based on transferring a part of fee of students to the fund. Individual contributions are also allowed.
5. **Evidence of Success:** Help has been extended to all deserving cases. 20 students have been supported through this scheme in last two years.
6. **Problem Encountered and Resources Required:** None

File Description	Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Committed to its vision of human development, SMU has provided 20 to 35% seats reservation for sikkimese in all courses and is instrumental in human development in state of Sikkim and North eastern states of the country. Today, Sikkim Manipal University has produced more than 200 doctors and 1500 engineers from Sikkim alone. Currently, more than 1300 locals are employed in various constituent units of the University in various positions.

Central Referral Hospital(CRH) has been providing highly specialised medical services to the people of Sikkim. It is important to note that out of 6 super specialists in CRH, 3 are from the state of Sikkim. Today,

CRH not only delivers high quality medical care but also provides comprehensive health care under one roof to the people of Sikkim. It has not only become a hospital of repute but also the first and only referral teaching hospital in Sikkim, with the establishment of the Medical College under the Sikkim Manipal Institute of Medical Sciences.

The establishment of the Super Speciality wing in CRH is a step towards realizing our mission to provide modern health care facilities to the people. In addition to Cardiology, Neuro-surgery, Gastro-enterology, Urology and Paediatric Surgery we have also recruited Intervention Radiologist and Endocrine Surgeon available in very few hospitals in the country. The people of Sikkim and North Bengal will no longer have to travel to metros like Delhi and Kolkata for these costly and complicated treatments.

In line with your vision to ensure quality healthcare for all sections of society, we have rolled out a medical insurance scheme 'Sikkim Manipal Swasthya Suraksha' to empower people of Sikkim for availing all types of specialised treatment at CRH on cash less basis. This scheme excludes BPL patients who are already getting free treatment. This scheme has received an overwhelming support and patronage from the people. More than 55,000 lives are enrolled in the scheme.

SMU community outreach programme is unparalleled, which include regular health camps, Rural Clinics, Urban Health Centres and De-addiction Centre. SMU's health care research specifically addressing the health issues of the State of Sikkim in particular and NE region in general.

Sikkim Manipal University (SMU) along with its constituent institutions have created a niche for themselves not only in this remote location in the country, but also as one of the top emerging university in India. Flora, fauna and the local inhabitants of Sikkim always leaves perpetual impact on all those who decide to make this university its destination to peruse their professional career.

File Description	Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

The Manipal Group was started by Padmashree awardee Dr. Tonse Madhav Ananth Pai, a doctor, educationist, banker and philanthropist by his futuristic vision, which changed the destiny of thousands. Manipal is the nucleus of 57 educational institutes and has remained in the forefront of medical education since 1953. It epitomizes the role of the private sector in higher education and the concept of public private participation in health care. Today Manipal Education Group has five universities: Manipal University (Karnataka), Sikkim Manipal University (Sikkim), American University of Antigua, Manipal International University, Kuala Lumpur, Malaysia and Manipal University (Jaipur), 11 Corporate Hospitals in India and abroad, 26 professional colleges and 11 campuses: 6 in India (Manipal, Mangalore, Bangalore, Sikkim, Goa & Jaipur) and 5 overseas (Nepal, Malaysia (2), UAE & Antigua). With over 2,00,000 students, 3,00,000 Alumni, the group offers more than 200 courses across various streams and has enrolled students across the globe.

SMU Rankings:

- SMIT ranked 140 under University Category -NIRF Ranking
- 71th Rank -Outlook Top 100 Engineering Colleges in 2017
- 6th Rank -Emerging Medical Colleges Ranking -India Today 2016
- 3rd Top Engineering Colleges of Eminence-Competition Success Review Ranking 2017. Ranked 1st in the State (Sikkim)
- SMUDE Ranked 1st in Results & Efficiency, 2nd in Learning Experience -Careers360 magazine of the Outlook Group

Concluding Remarks :

To fulfil its mission of developing professionals of excellent technical calibre in the field of Health Sciences, Engineering, Management and Social Sciences, SMU has laid out a clear action plan, setup a professional management team and has developed an institutionalized process mechanism focusing on continuous improvement.

University believes that it has made a significant progress in the last few years:

- SMU emphasizes on a transparent process of admissions and follows a rigorous evaluation mechanism to ensure credibility of its qualifications.
- SMU has complied with all regulatory requirements and has built a strong governance mechanism. It is run by a professional leadership team and guided by eminent industry people in key governance processes.
- University has a strong base of experienced faculty members and established linkages with experts from group institutions and other eminent academic institutions to ensure high standards in teaching.
- University has developed innovative teaching methods, holistic learning environment for student, leveraged on technology for effective dissemination of knowledge
- SMU has been able to build a research culture and meaningful engagement with external stakeholders to

create an impact in the society.

- SMU has progressively improved upon its research capabilities by promoting research incentive schemes for teachers.
- SMU has significantly contributed to the human development and healthcare needs of state of Sikkim and other north-eastern states.
- While SMU has made significant strides over the last few years, the University is planning to strengthen the capabilities in each of the above mentioned areas to emerge as leader in education, healthcare

NAAC