SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA

TECHNO CITY, KLING ROAD, 9TH MILE, BARIDUA, DIST- RI-BHOI
793101
www.ustm.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2020

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Executive Summary

Introduction:

A small seed sown someday emerges into a big tree, provided the seed sown is nurtured to with proper care and passion. The story of University of Science And Technology, Meghalaya is like an emerging tree, which has firmly planted its roots in the soil. This story scripted its success due to the entrepreneurship passion and zeal and as an outcome this inimitable endeavour took shape, in the field of affordable quality education.

The journey began with the first educational venture, which was a study centre started in the year 2001 with just one computer and 4 students. Funds were mobilized by assembling computers and selling them in the market which became second largest in the whole country. Finally we dreamt for setting a university & started working towards this goal and met the officials of Government of Meghalaya for support in this venture.

Enactment :

The University was established under Act No.6 of 2008 enacted by the Legislative Assembly of Meghalaya and notified vide Gazette Notification No. LL (B) 87/2008/21, dated 02.12.2008. USTM is have received Approvals of UGC, AICTE & NCTE.

With Strong entrepreneurial spirit in 2011, the University started its classes with only 6 students of Biotechnology. However, within a brief period of time, the University has reached newer heights and at present more than 3516 students are pursuing higher education here. Of these, currently 1200+ students are availing free education and scholarships, 80% of them belonging to rural background 57% being girl students & more than 40% are Tribal Students.

Few Eminent Visitors

USTM had hosted a large number of events where dignitaries have visited and guided us in our journey towards excellence in education. Among them **Dr. APJ Abdul Kalam,** ISRO Chairman, UGC Chairman, AICTE Chairman & Director, BARC besides many Governors, Chief Ministers, Education Ministers & many eminent Vice Chancellors were there.

Location :

The Campus is located at Techno City, Khanapara, Kling Road, Baridua, 9th Mile, Ri-Bhoi District, Meghalaya-793101. The coordinates are Latitude 26.102111 & Longitude 91.846583.Type of locality is Rural.

Vision

Our Vision

"To compete globally in making USTM one of the best destinations of teaching learning community by 2030 through quality education and research"

Our MILESTONES vis-a-vis Vision 2030

"Mission Bronze" to make USTM as a renowned university in the North East by 2020.

"Mission Silver"—to become one of the top universities in the country by 2025.

"Mission Gold"—to become one of the world class universities by 2030.

We at USTM will continue to strive for achieving our dream of becoming a world class people's university, prepared to cater to all sections of the society. In this movement of ours, the various Nobel Laureates, People Leaders, Social Scientists, Academicians, Administrators, and Government Officials are extending support with their time and efforts. We work not only to serve our students but also the larger society where these students come from and will go back to. Hence, our actions will always continue to reflect our dream towards enabling and empowering the society with more capable human resource, having an emotionally balanced approach and a competitive mindset. The 360° development of our students is the only purpose with which we operate and shall continue to expose our students to the vision of Eminent Leaders and Nobel Laureates and also the success stories of Millennial Achievers. With this entrepreneurial passion and hard work, this movement of USTM will become a destination to reckon with, for the teaching learning community.

Mission

Our MISSION

"Contribute to society by nurturing leaders and unlocking potential of youth through excellence in education, innovation and entrepreneurship."

• to empower the students to contribute to the societal development and also motivate them to accommodate themselves to the changing needs of the economy, accelerating nation building process;

• to explore opportunities and talents of NE Region to think globally and work locally;

• to facilitate advancement of knowledge and frontiers of technology to meet the changing needs of the Society;

• to support the University community in which all members can excel;

• to become catalysts in creating a think tank and common platform from time to time among academics, and researchers;

• to assist entrepreneurs, social workers, industrialist, performers and other stakeholders for achieving excellence in different need-based target oriented projects by integrating their expertises;

• to build a place of transformation for education, research and innovation with an analytical approach; and

• to produce entrepreneurs thinkers, effective communicators, problem solvers, lifelong learners and ethical leaders.

Our CORE VALUES

"Competitive & Progressive

Excellence & Creativity

Compassion & Inclusivity"

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

STRENGTHS

- **Visionary leadership**
- **Requisite statutory approvals**
- **Competent faculty**
- **State of the art infrastructure**
- **300 acres campus area in three plots of land, adequate to expand**
- **Near to the Guwahati, the Gateway of North East**
- **Free Coaching and Guidance for competitive exams**
- **Ethnic diversity of students**
- **Capable administrative workforce**
- **Consistent improvement in student talent index**
- **Continuous improvement in Faculty quality**
- **57% Girls students & more then 60% women's faculty**
- **Opening door of ASEAN Countries under Act East Policy**

USTM believes in delivering quality education with a world class infrastructure as one of our strengths, complemented by faculty with an updated, dynamic and progressive outlook. In this endeavor, faculty shall continue to engage oneself through cutting edge research activities and encouraging interested students also for the same. Our social and environmental commitment shall always remain an integral part of the time every student spends in this campus and shall contribute according to each one's ability with their participation in the outreach as well as in campus activities. Getting a job is definitely important for every youth and we prepare them ably for that while we also encourage them to become an entrepreneur through innovative approach and out of the box thinking and create employment. We keep treading into newer areas and create best practices in the academic space while learning the best practices from the other institutions and universities of repute.

Institutional Weakness

WEAKNESSES

- **Bad road condition & far from district head quarter & capital city**
- **Poor Power supply & damage of nature (Earth Cutting)**
- **Inadequate facility for achieving cutting edge research objectives in all fields**
- **Limited residential capacity for faculty and staff**
- **Land & Infrastructure development takes time & expensive due to hilly terrain**
- **Availability of less employers organization & Research institutions**

Institutional Opportunity

OPPORTUNITIES

- **Inadequate number of quality HEIs in the region, for mass aspirants**
- **Many meritorious students in the region aspiring for higher education**
- **State administrative support facilitating the growth of the university**
- **North East, designated as Bio Diversity Hotspot, creates research opportunity for sustainable development**
- **Well connected to Road, Rail and Air transport**
- **Strategic location of the campus near Gateway of North East**
- **North East connecting neighboring ASEAN countries**

Institutional Challenge

CHALLENGES

- **Lack of industries in the region results in low industry academia interfacing**
- **Bad condition of the approach road to university**
- **Lack of Attention by govt. authority because of bordering area & rural locality**
- **Lack of regular public transportation in the area is a constraint**
- **Incapable of providing up to date residential facility to faculty & staff**
- **Diverse language spoken by enrolled students nearly 30+ languages**
- **Mixing up of cultural diversity & Food services**

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Criterion I : Curricular Aspects

1.1 Curriculum Design and Development

Choice Based Credit System (CBCS) implemented across all programs from 2015, has following salient features:

- Well-defined Program Outcome, Program Specific Outcome and Course Outcomes made available to the students.
- Course curriculum relevant to Global, National and Local developmental needs.
- Interdisciplinary approach in Value added courses offered and availed.
- Lesson plan outcomes for all courses are articulated to course and program outcomes with several assessment methods.
- The programs under School of Law, Pharmacy and Allied Health Sciences are not included in SSR as no batch has passed out.

1.2 Academic Flexibility

- Electives to widen a student's knowledge base
- Interdisciplinary Options are available
- Choice Based Projects are offered

1.3 Curriculum Enrichment

- University core credit courses address employability, entrepreneurship and skill development
- Value added courses also for enhancing skills
- Courses on Human Values and Ethics
- Intensive Coaching for NET, SLET, GATE, TET, CTET, etc - NET forum
- Intensive Coaching for Civil services – Hoque 20
- Interactive sessions by experts from Industry & Academia

1.4 Feedback System

- Feedback from all stakeholders like students, faculty, Alumni, experts obtained
- Feedback through class representatives (CRs)
- Feedback by including students as members of IQAC
- Open house sessions with Chancellor and Vice Chancellor for all students

The feedback system helps in:

- Choice of open and department electives
- Enhancement of skills of the faculty through workshops and FDPs
- Improvements in teaching-learning process
- Feedback utilized to make changes in program structure and content leading to -
    - **90%** of programs revision in the last 5 years
    - **26%** new courses introduced
    - **92%** of courses employability oriented

Teaching-learning and Evaluation

Criterion II : Teaching-learning and Evaluation

2.1 Student Enrolment and Profile

- 75% of students are from outside Meghalaya
- More than 40% students are from ST background
- 57% are girl students.

2.2 Catering to Student Diversity

- In Semester I, vernacular medium students provided Bridge courses in English
- Slow and advanced learners identified basis internal tests/special tests.
- Teacher as Mentor for students to guide and handhold them
- Remedial classes for slow learners and special project exposure for advanced learners

2.3 Teaching-Learning Process

- Leveraged OBE by utilizing ICT tools, e-learning resources (MOOCS & LMS)
- Various pedagogical tools used like case studies, group discussions, field projects etc.

2.4 Teacher Profile & Quality

- Faculty to Student ratio across the university is 1:19
- 63% of the faculty have PhD degree
- 9% faculty are currently working on their PhD
- 93% teaching positions filled

2.5 Evaluation Process and Reforms

- Continuous evaluation as in CBCS
- Examination system is 100% automated
- End semester results are declared within 15 days after exams
- Controller of Exams ensures grade moderation
- Special exam conducted for final year students to save year loss
- Less than 1% grievances on examination results

- Evaluation process absolutely transparent
- Students grievances regarding examination and evaluation redressed within 48 hours

2.6 Student Performance and Learning Outcomes

- 92% students completed their program on time.
- Attainment of all programs outcomes measured and improved upon through interventions

2.7 Students Satisfaction Survey

- 50 % of the students database has been provided with contact details

- If necessary remaining data can be provided

Research, Innovations and Extension

Criterion III : Research, Innovations and Extension

3.1 Promotion of Research and Facilities

- Well-defined Research Policy
- 10 Faculties received national financial support and awards
- 50% departments having DST sponsored projects
- Cutting edge central instrumentation facility has been created
- Rupees 2 crores corpus created to fund research and innovation from its interest

3.2 Resource mobilization for Research

- Rupees 7 crores with 54 research projects, received from govt and non-govt agencies

- Scholarships for selected Ph.D. students
- Rs.149 lakhs Seed money given for research

3.3 Innovation Ecosystem

- Established Centre for Innovation, Incubation and Entrepreneurship
- 40 plus workshops/seminars on Intellectual Property Rights (IPR) by IPR cell
- Incubation centre offering free space and support systems

3.4 Research Publications and Awards

- Incentives for outstanding publications and award recipients
- 350+ research papers in peer review journals with high impact factor
- About 140 book/chapter publications of national and international importance
- E-Content developed by Faculty members
- H-Index ranges from 0 to 8

3.5 Consultancy

- Consultancy and training assignments done for government and private organisations, More than half a crore earned till date
- Consultancy Policy in place

3.6 Extension Activities

- More than 100 extension activities conducted in neighbourhood, 22 awards won
- Nearby villages adopted and more than 80% students participated in extension activities
- Actively associated with NSS for extension activities
- More than 25 health check-up and Blood donation camps organized

- Active Neighbourhood Mission

3.7 Collaboration

- More than 800 collaborative activities conducted by the University
- Many activities conducted jointly with MoU signed organization
- About 80+ collaborative MOUs signed with universities, R&D organization, corporate, colleges, and other organizations

Infrastructure and Learning Resources

Criterion IV : Infrastructure and Learning Resources

4.1 Physical Facilities

- Requisite fund allocation and expenditure for infrastructure upgrade
- Close to 67000 sq. mtrs. of built up area
- State of the art Central Instrumentation Centre, Animal House, Museum, Media laboratory & Studio, Business Lab, Science Labs
- About 150 Classrooms, majority are ICT enabled with 5 Smart classrooms
- 3 Seminar halls, 2 Conference Halls and 02 Auditoriums – One world Class Auditorium
- 2 hostel for boys and 2 hostels for girls
- Campus 1Gbps Wi-Fi enabled
- Bank facility with 2 ATMs
- Gymnasium and Yoga rooms for physical fitness
- 5000 square mtrs of play grounds for Cricket, football, volleyball, Basketball, etc.
- Electric Carts for campus movement
- Photovoltaic cells/solar energy panels for campus lighting

4.2 Library as a Learning Resource

- Well stocked 15000 sq ft. fully automated Central Library & Departmental Libraries
- Libraries with 12656 titles, 63608 volumes on all subjects, 13 national & international journals, 15 magazines, 63984 e-journals, 60 CDROMs and 1613 e-books

4.3 IT Infrastructure

- 700+ PCs and laptops, 800+ LAN points with 1Gig backbone
- High power computing (HP DL 10, Dell Media Server and one Assembled DHCP) servers with 3 PAR storage of 01 TB Capacity each.
- Video conferencing with Apache Open Meetings, Big Blue Button systems available
- GIS server (ArcGIS) with 30 user license installed
- E-Surveillance with CCTV cameras
- High power computing HPEDL180 servers
- Well - equipped media centre and lecture capturing system
- ERP for academic/administrative/financial functions

4.4 Maintenance of Campus Infrastructure

- Well documented policies are in place for all the function to properly utilize the classrooms, Laboratories, campus resources, maintenance protocol, sports facilities, Green Campus, IT facilities Residential.
- Well trained maintenance and surveillance team of around 20 members.
- Around 70 + full fledged housekeeping and Support staff is in place.
- In house electrical, civil, architect, hardware engineers are in place along with technicians to support them.

Student Support and Progression

Criterion V :Student Support and Progression

5.1 Student Support

- 3500+ students benefitted by Scholarship
- 50% of students get benefited by career oriented counselling and coaching
- Till date paid back fees to 91Students under Payback scheme
- Competitive Coaching Classes conducted free for interested students
- Unique Payback scheme for qualifiers of NET/SLET/TET/CTET and others

5.2 Student Progression

- 38% of our students get placement
- 24% of students pursue higher studies
- 92% of students get through the career guidance programmes in stipulated period of time
- 350+ students have qualified state/national level examinations like NET/ SLET/GATE/CTET

5.3 Student Participation and Activities

- 70 plus state and national medals won by students during the last five years in sports/cultural/technical events held at different places.
- The University liberally funds students participating in national events
- Regional level techno-cultural festival held @ NEGC

5.4 Alumni Engagement

- Rs. 100 Lakhs + generated from alumni contribution
- Chapter wise alumni meets conducted by alumni members
- Help in placements & internships, provide books and well placed alumni deliver guest lectures as well.

Governance, Leadership and Management

Criterion VI : Governance, Leadership and Management Facilitates

6.1 Institutional Vision and Leadership

- Visionary and supportive management.
- Decentralized accountability of academics and administration
- External advisory, audit, stakeholders inputs

6.2 Strategy Development and Deployment

- Strategic Road Map developed with milestones
- Deployment monitored and reviewed by Leadership
- ERP implemented for e-Governance

6.3 Faculty Empowerment Strategies

- Sponsorship for attending national/international conferences
- Structured faculty appraisal
- About 500 Staff Development programs conducted for capability enhancement
- Welfare measures- Transport facility Free, Children education Free, Maternity Benefits and Salary Advances, etc.
- Free medical Insurance planned for all staff
- Emergency Welfare Fund with contribution of Re1 per staff and student
- Interest free Loan for marriage, Car, Medical and other emergencies

6.4 Financial Management and Resource Mobilization

Financial Management

- Centralized Purchase system
- Centralized store and stock registers
- Budget planning and allocation for institutional growth
- Internal and external audits conducted at regular intervals

Resource mobilization

Along with promoter's contribution resource generation is through-

- Fees from students.
- Consultancy and Training assignments
- Contribution by Alumni
- Bank Loans and interests
- Government grants for research and infrastructure
- Donations from NGOs & Associate Business Organisations for projects, research & Scholarships

6.5 Internal Quality Assurance System (IQAS)

- Directorate of IQAC established in 2016
- Reviewing & Suggesting improvements in academic processes and systems
- Internal /External Academic Audit

- More than 100 quality initiatives for promoting quality culture
- Quality performance indicators based on NIRF and NAAC parameters practiced
- Collecting, analysing and improvement basis stakeholder feedback

Institutional Values and Best Practices

Criterion VII : Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

Initiatives:

- Facilities provided for women in terms of safety and security, Counselling, Common Rooms, Day care center, reservation for girls students
- Alternate sources and energy conservation initiatives
- Environmental initiatives
- Green Campus initiatives
- Waste management initiatives
- Water conservation initiatives
- Inclusivity initiatives
- Disabled friendly and barrier free campus
- Electric Carts for pollution free campus
- Courses on human values/ethics/environment awareness

7.2 Best Practices

1. **Payback Policy for qualifiers of Competitive examinations**

Fees returned to the students qualifying in the competitive examinations, to create a sense of challenge & reward them

2. **North East Graduate Congress**

NEGC - A congregation of prospective graduates in the region to showcase their skills, capabilities, enabling them to exchange knowledge & providing career guidance by eminent experts.

7.3 Institutional Distinctiveness

Networking & Organizing Brainstorming Sessions, Opinion Sharing among stakeholders on strategic relevant educational issues and providing advisory.

Other Best Practices and distinctiveness

- **Nobel Quest** – lectures by Nobel laureates and eminent personalities
- **Student Activity Centre** with students involving sports, cultural and outreach activity
- **Centre for Innovation, Incubation and Entrepreneurship** to facilitate the culture of entrepreneurship through innovation

- **University Fitness Centre** for a healthy lifestyle of all
- **Centre for Career Guidance for** skilling the students to facing competition
- **Helpdesk at Dr. B. Barooah Cancer Institute** helping patients
- **Bachelor of Arts in Administration and Governance** has been introduced for Civil Services preparation while they complete graduation.
- An '**I Can I Will Academy**' started awarding Degrees and Diplomas for specially abled students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA
Address	Techno City, Kling Road, 9th Mile, Baridua, Dist-Ri-Bhoi
City	Ri Bhoi
State	Meghalaya
Pin	793101
Website	www.ustm.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Vice Chancellor	Mridul Hazarika	0361-2895030	9854023060	0361-2895075	ustm2011@gmail.com
IQAC / CIQA coordinator	Papiya Dutta	0361-2895072	8473026143	0361-2895033	directoriqac@ustm.ac.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	06-09-2011
Status Prior to Establishment,If applicable	

Recognition Details			
Date of Recognition as a University by UGC or Any Other National Agency :			
Under Section	**Date**	**View Document**	
2f of UGC	01-10-2015	[View Document](#)	
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	Techno City, Kling Road, 9th Mile, Baridua, Dist- Ri-Bhoi	Hill	300	74164.3	BA, B.Sc., BBA, BSW, B.Com, MA, M.Sc., MBA, MSW, M.Com, B.Ed, Ph.D.		

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
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	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes

SRA program	Document
AICTE	100008_4987_1_1584090213.PDF
NCTE	100008_4987_4_1584090267.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				36				40				120
Recruited	25	10	0	35	15	18	0	33	52	65	0	117
Yet to Recruit				1				7				3
On Contract	0	0	0	0	0	0	0	0	10	19	0	29

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				181
Recruited	103	75	0	178
Yet to Recruit				3
On Contract	0	0	0	0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				42
Recruited	30	12	0	42
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**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	25	10	0	14	18	0	39	38	0	144
M.Phil.	0	0	0	1	0	0	1	2	0	4
PG	0	0	0	0	0	0	12	25	0	37

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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	10	0	0	10
Adjunct Professor	1	1	0	2
Visiting Professor	25	5	0	30

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Sociology	PA Sangma Chair for Tribal Studies	University of Science and Technology Meghalaya

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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
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	29	0	0	29
	Female	0	33	0	0	33
	Others	0	0	0	0	0
PG	Male	116	827	0	0	943
	Female	211	1085	0	0	1296
	Others	0	0	0	0	0
UG	Male	123	473	0	0	596
	Female	172	509	0	0	681
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nill
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

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Dept Of Applied Biology	View Document
Dept Of Botany	View Document
Dept Of Business Administration	View Document
Dept Of Chemistry	View Document
Dept Of Commerce	View Document
Dept Of Computer Science And Electronics	View Document
Dept Of Earth Sciences	View Document
Dept Of Economics	View Document
Dept Of English	View Document
Dept Of Library And Information Sciences	View Document
Dept Of Mathematics	View Document
Dept Of Physics	View Document
Dept Of Political Science	View Document
Dept Of Rural Development	View Document
Dept Of Social Work	View Document
Dept Of Sociology	View Document
Dept Of Zoology	View Document
Prof Qoumrul Hoque School Of Education	View Document

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
48	47	45	35	34

File Description	Document
Institutional data in prescribed format	[View Document]()

1.2

Number of departments offering academic programmes

Response: 18

2 Students

2.1

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
3516	3108	2485	1942	1284

File Description	Document
Institutional data in prescribed format	[View Document]()

2.2

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

2018-19	2017-18	2016-17	2015-16	2014-15
1461	1246	1241	892	584

File Description	Document
Institutional data in prescribed format	[View Document]()

2.3

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

2018-19	2017-18	2016-17	2015-16	2014-15
3129	2856	2254	1706	1147
File Description			Document	
Institutional data in prescribed format			View Document	

2.4

Number of revaluation applications year-wise during the last 5 years

2018-19	2017-18	2016-17	2015-16	2014-15
30	14	4	3	1

3 Teachers

3.1

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

2018-19	2017-18	2016-17	2015-16	2014-15
1555	1448	1311	1022	953
File Description			Document	
Institutional data in prescribed format			View Document	

3.2

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

2018-19	2017-18	2016-17	2015-16	2014-15
185	158	134	102	83
File Description			Document	
Institutional data in prescribed format			View Document	

3.3

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
196	169	141	109	88

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

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

2018-19	2017-18	2016-17	2015-16	2014-15
20295	19879	18298	15196	12374

File Description	Document
Institutional data in prescribed format	View Document

4.2

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

2018-19	2017-18	2016-17	2015-16	2014-15
955	917	831	656	534

File Description	Document
Institutional data in prescribed format	View Document

4.3

Total number of classrooms and seminar halls

Response: 135

4.4

Total number of computers in the campus for academic purpose

Response: 914

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
1318.5	544.6	356.56	439.1	153.83

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

USTM has constantly and meticulously pursued the best practices of developing and updating course curricula taking support from the best academic and intellectual talent available in the academia and industry. Institutional bodies prepare the curricula keeping in view their relevance to local, national, regional and global developmental needs and objectives. The development and review of the syllabi is done in consideration with industry trends, feedback from stakeholders, norms of statutory bodies and benchmarking with institutions of repute.

The University practices comprehensive and standardized procedures to design new curriculum and revise the existing ones at regular intervals. The structure of the Board concerned with curriculum review and design is as follows:

The Departmental Council (DC) constituted by faculty members including domain experts (external) and Chaired by the Head of the department is the primary body for the development and revision of the curricula. For the development and review of the curricula, the DC brainstorms on the need as stated above by taking inputs from various stakeholders and the same is put up for Board of Studies (BOS) meetings which is subsequently approved by the Academic Council (AC). The DC receives important inputs from

the Internal Quality Assurance Cell (IQAC) which has representatives from academia, industry, alumni and students. Due care has been taken to articulate the learning objectives including Program outcomes (POs), Program specific outcomes (PSOs) and Course outcomes (COs) with a view to focus on demonstrative learning and also towards practicing student centric learning pedagogy.These POs, PSOs and COs are framed after deliberations with all stakeholders in presence of experts. These learning outcomes are clearly stated in the syllabus of every programme which are circulated among the students in the beginning of the session and same are conveyed to the students during the classroom teaching delivery. Intensive Orientation Classes inviting eminent experts are conducted to motivate the students which immensely help the newly enrolled students towards conceiving a broad outlook of the programmes they are going to undertake.

For holistic development of the students the courses like Value Addition, Human Values and Communicative Skills in English have been introduced in to the curricula. Professional Development Classes under Finishing School are routinely imparted. Environmental Studies, courses on Gender Issues, Disaster Management, NSS and YOGA are imparted to sensitize students of their obligations towards society.These courses develop magnanimity and commitment amongst students thereby contributing towards development of a well-rounded personality.

Mandatory industrial training ensures that students are exposed to contemporary industrial trends, innovations, implementation of big data and artificial intelligence in everyday industrial activity. Further, the students can do their final year project work in the industry under the joint supervision of the industry personnel and the faculty guide. This approach to experiential education addresses the developmental requirements of the country in general, and the local/regional requirements and aspirations.

The department is required to annually upgrade/revise the available curriculum so that latest technological and pedagogical advances are incorporated in the curriculum as and when needed.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 91.67

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

Response: 44

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 48

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 26.09

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

2018-19	2017-18	2016-17	2015-16	2014-15
203	269	268	103	651

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[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: 63.28

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 984

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 1555

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 100

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

Response: 48

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

1.3 Curriculum Enrichment

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

Response:

USTM integrates cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics which are evident from a list of mandatory courses in the curriculum for both UG and PG Programmes. The university believes and promotes gender equity, sensitizes on issues of environment and sustainability, humanitarian ideals and ethical issues as values for social inclusion through its curriculum. The curricula provide adequate scope for undertaking activities to uphold core values of social significance.

Gender:

Different courses like Human Rights Education, Gender School and Society, Equity and Gender Issues in Rural Development, Introduction to Human Rights, Sociology of Gender, Human Values and Professional Ethics etc cover this aspect in value education and ensures that mutual respect is practiced irrespective of gender and creates an environment based on the stakeholder and their contribution rather than gender attributes. Through these courses students are apprised about gender sensitivity and various approaches to work towards gender equity.

Environment and Sustainability:

The courses such as Environmental Studies, Environmental Education, Fundamental of Ecology, Climate Change and Environmental Management etc describe various concepts of environment namely; pollution, biodiversity and sustainable development giving the students a perspective of co-existence with nature and sensitizes them on the need for healthy environment.

The University has taken initiatives towards afforestation and several other green practices within the campus so that we exemplify what we teach inside the classrooms to inculcate a sense of ownership of this responsibility to co-exist with our environment and help them join the global call for integration of environment protection and development.

The courses also help young students to actively participate in the disaster management.

Human Values and Professional Ethics:

The courses such as Peace and Value Addition,Human Rights Education,Employees Relationship Management and Labour Laws, Human Values and Professional Ethics etc are imparted across the programmes in order to inculcate these values in students and develop high standard of ethics in their professional career.

Students are engaged in social activities as a part of their curriculum as well as in social outreach programmes.The University emphasises on following the best ethical practices in research activities as governed by the Ethical Policy.

Students are regularly involved in activities such as volunteering in Relief Camps, Blood Donation Camps, Free Health Check-up,Hygiene and Health, old age homes, Guest Lectures, Community outreach etc in order to ensure that these issues and related values are demonstrated by the students and faculty and practiced day to day.

Moral and ethical values are integral part of education of the students. USTM celebrates, observes and commemorates important day such as Independence day, Republic day, Gandhi Jayanti, Social Justice Day, International Day of Girl Child, World AIDS Day,World Forestry Day,World Autism Awareness Day, Teacher's day, International Yoga Day, Matribhasa Divas,World Environment Day, World Earth Day,World Water Day,National Unity Day, International World Wildlife Day,Youth Day etc to imbibe values in the students.

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](#)
Any additional information	[View Document](#)

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

Response: 105

1.3.2.1 **How many new value-added courses are added within the last five years.**

Response: 105

File Description	Document
Institutional data in prescribed format	[View Document](#)
Brochure or any other document relating to value added courses	[View Document](#)
Any additional information	[View Document](#)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 71.84

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.**

2018-19	2017-18	2016-17	2015-16	2014-15
2740	2317	1866	1265	854

1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 33.11

1.3.4.1 **Number of students undertaking field projects or research projects or internships.**

Response: 1164

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View Document
Any additional information	View Document
Link for additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: B. Any 3 of the above

File Description	Document
URL for stakeholder feedback report	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document

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

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

File Description	Document
URL for feedback report	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Demand Ratio (Average of last five years)

Response: 10.57

2.1.1.1 **Number of seats available year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
2010	1930	1750	1380	1125

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)
• Any additional information	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

Response: 102.92

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

2018-19	2017-18	2016-17	2015-16	2014-15
1016	996	825	652	539

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The University admits students under its different programmes based on the marks in the qualifying examination, USTM entrance test and through national level examinations like MAT score for admission in Management programs. Students are admitted at USTM from diverse educational backgrounds and mediums of study.

Induction Programme

↓

Identification of Slow Learners and Advanced Learners

Special Programme of Slow Learners	Special Programme for Advanced learners
• Bridge Classes • Remedial Classes • English & ICT Classes • Counseling • Examination Flexibility • Mentoring • CBCS	• Assignment • Project Preparation • NET/GATE/UPSC etc coaching • LMS • MOOC Courses

Keeping in mind such background of students, the university has implemented following measures for newly enrolled students:

- Initial induction programme for newly admitted students have been organized with the faculty members to get familiarized with new environment of higher education.
- To ensure effective learning for new comers, initially faculty takes quizzes, group discussions,

observations and other instructional methods to identify slow learners and advanced learners.

- Bridge classes are conducted for slow learners giving individual attention so that such students can cope up with the gap of the basic knowledge of the subjects.
- Remedial English classes are conducted for the students who are from vernacular medium to make them competent with the university medium of instruction English.
- Soft skills and communication skills classes have also been conducted to make them ready with demands of a successful job role.
- The University assesses the computer skills of the students and conducts separate classes for enabling them with adequate ICT skills.
- Faculty members upload notes and content, assignments and presentations etc. on LMS platform for easy access of requisite information by the students.
- One to one interaction with the concerned faculty is arranged for the slow learners. Students are also provided regular individual and group assignments beyond their classroom hours to find their progress in different courses.
- Coaching for NET/GATE /UPSC/Bank PO and other competitive examinations are provided for the advanced learners since the inception.
- Assignment, project report preparation, presentation etc. are also prepared by advanced learners in the beginning of session.
- Respective mentors take special attention to the slow learners and regular counseling sessions are arranged for such students.

Following additional academic facilities are provided to the students to equip with the requisite skills:

- Facility for appearing in improvement courses to enhance their semester grade in a particular course.
- Choice Based Credit System has been implemented for the students so that they can study at their own choice.
- Internal assessment Examinations are conducted so that students can assess their progress over the period of a semester.
- Facility to take up courses from MOOCS/Open Electives offer by MHRD which are considered for earning additional credits
- Internships in reputed industries/institutes.
- Seminar, assignments, field work etc. are incorporated in the curriculum to make students fit for the job of their respective field of study.
- Facility to carry out interdisciplinary projects.
- Facility to clear back log papers in the subsequent regular semester. Final semester students can appear in any backlog papers in any semester after declaration of their final semester result which prevents a year's loss

File Description	Document
Upload Any additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 19:1

File Description	Document
Any additional information	[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:

The University of Science & Technology, Meghalaya has designed its curricula for various programs to ensure that students are substantially sound, able to apply the concepts in practical field, analyse the outcomes of such practical applications and are in a position to analysis and evolve new techniques and processes. The university has adopted syllabi keeping in mind the different students' centric methods such as experimental learning (EL), participative learning (PL), and problem solving methodologies (PSM) for enhancing learning experience.

Experimental Learning

Problem Solving Methodologies

Participative Learning

Student Centric Method

Continuous Assessment

Students' Feedback, analysis and implementation

Collaboration and Understanding

The following measures are in place to ensure enhancement of learning processes:

- The Syllabus is designed in such a manner that it maintains the proper balance between conceptual and practical aspects of learning
- Mandatory industrial training/Internship for students as per the demand of programme/course
- Regular Industry / field visit/ excursions have arranged for the students to get knowledge from the outside curriculum.
- Emphasis is laid on students' regular submission of assignments and reports to enhance their writing skills.
- Students participate in field survey on a selected topic as group to enhance participative learning.
- Visit to research laboratories to explore the various research activities going on in different parts of the region/country.
- Students are sponsored to participate in competitions/conferences/ workshops/ seminars

- Presentation of project report in presence of the external subject experts invited from industry/reputed organizations.
- Regular group discussions have been arranged to enhance participative skill.
- Participation and presentation of papers in seminars, workshops, exhibitions etc.
- Group assignments and group seminars have been arranged in the departments.
- Socially relevant projects have been carried out by the students as teams with guidance of faculties.
- Value added courses are offered to give additional skills to the students in respective fields.
- Laboratories are equipped with different models and illustrative charts to enhance understanding of the students.
- To enhance communication skills, soft skills and English language classes have been introduced.
- Tutorial hours in courses to improve the problem solving skills
- Student's Feedback is collected in every semester to resolve the gaps between knowledge delivery system and learning process.
- Inter-disciplinary competitions viz. debate, quiz, seminars and workshops are held regularly to enhance participative learning
- Exposure to carry out different research activities at the higher level encourages students in finding out a research problem for them and the methods in solving such problems.
- Collaboration and understanding with industry, reputed organization for students exchange programme.

These experiences enhance their cognitive understanding skill, analyzing ability of addressing a given problem and then to suggest some remedial course. This kind of learning experience is gainful for the students in the long run when they go out of the university and face the real test of life by way of their future course of action, by way of higher studies or aspiring for a job, setting up of an entrepreneurial venture of their own or to embrace any activity sustaining their livelihood in the post qualification stage.

File Description	Document
Upload any additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

USTM believes in enriching the teaching learning process with incorporation of ICT based cloud learning and simulated learning methodologies so that the students get a wider perspective of the domain knowledge instead of being merely restricted to text books. As a result the faculties also get an opportunity to showcase their knowledge to the larger student community as well as the out of classroom teaching learning process.

In order to achieve ICT based teaching learning process the university had introduced complete learning management system (LMS) for all the academic programs offered. The faculty members record their lectures and upload them in the LMS portal for the students to take advantage outside the classroom. With the help of this facility students are given assignments which they are able to submit on regular basis online though the LMS portal and the evaluation of the same is also done by the concerned faculty through LMS. This portal also captures the scoring patterns and evaluates the attainment matrix of POs, PSOs and COs for every program.

Learning Management System (LMS)

Online Learning Resources

- Video
- Lecture
- Text Materials
- Assignments
- Question Bank

MOOC

The faculty also uses the wi-fi facility to access various educational lectures and content to display and discuss with the students enhancing their domain knowledge and this makes the process more effective. LMS powered by artificial intelligence with Natural Language Processing is based upon the keyword recognition technique which helps to bring up the relevant videos, journals, blogs, etc. which make the task easier for the faculty to discuss and enrich the topic. In addition use of ICT tools as well as intra MOOCs platform to deliver student centric subjects as desired.

Video contents are also run on relevant topics to further enrich the understanding of the students. This method has been very effective in enriching the teaching learning process and takes away the restriction in teaching learning process to the classroom and text books only and makes the process interesting and exciting. We intend to evolve this further and make this process completely interactive and seamless.

File Description	Document
Upload any additional information	[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 other related issues (Data for the latest completed academic year)

Response: 19:1

2.3.3.1 **Number of mentors**

Response: 185

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[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: 94.16

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](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 63.42

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
144	108	85	58	42

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	[View Document](#)
Any additional information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 2.82

2.4.3.1 **Total experience of full-time teachers**

Response: 522

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	[View Document](#)
Any additional information	[View Document](#)

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State,

National, International level from Government/Govt. recognised bodies during the last five years

Response: 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[View Document](#)
Any additional information	[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 year-wise during the last five years

Response: 14.4

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**

2018-19	2017-18	2016-17	2015-16	2014-15
14	14	15	14	15

File Description	Document
List of Programmes and date of last semester and date of declaration of results	[View Document](#)
Any additional information	[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: 0.36

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

2018-19	2017-18	2016-17	2015-16	2014-15
30	14	4	3	0

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Response:

Examination is the backbone of any academic institution including an university. A free and fair examination system- through precision, punctuality and transparency is essential *for* the academic growth of individual students. The University has also set a precedent for the best practices in examination by formulating and adapting to newer systems of evaluation. The university adopted UGC -CBCS guideline since inception for the grading system. The continuous assessment and semester system examinations have enhanced students' capability to update and make them fit for this competitive world.

IT integration

- Time table preparation, room allotment, seat planning, duty allotment of invigilators, tabulation, Students registration, hall ticket download, etc. using IT integration gives a time bound, systemic and error free examination system.
- IT integration has reduced the paper work for the faculty members and examination team. Students are also benefitted through these systems as they can apply online for appearing in the end semester examinations through the university examination portal.
- Students can immediately download their admit card after online registration which boosts their energy for preparation of examination.
- Before filling up of examination form, the students can check the status of fees clearance, attendance clearance etc. through web log in. It saves their time as they don't need to move from one section to the other before examination.
- Computerised process ensures smooth entry of marks for internal and external evaluations, attendance etc. Faculty members can enter marks through individual login which reduces error in mark entry system.
- Result can be published through the web portal and students can access e-grade just after declaration of result.

Examination procedures:

- After moving to CBCS semester system the stress level of students has immensely reduced. Students get more option to choose papers (courses) from other disciplines out of their core area of study.
- The university follows absolute grading system in 7 -point scale (introduced by UGC in 2015-16 academic sessions). The level of students academic performance is reflected by letter grades on a 7-Point Scale.

- Facility to clear back papers with next regular semester without year loss.
- Course wise moderation of result is done to maintain a level of uniformity in performance.
- The results are declared within thirty days from the last day of examination to ensure that the students do not miss any opportunity in their professional career.
- During examination refreshments are served to keep the students high spirited.

Continuous internal assessment:

- Continuous internal assessment is carried out through class tests, presentations, and assignments
- Sessional tests help the students prepare the subjects in depth due to evaluation of lesser content at a time during assessments.
- Seminar component of the continuous assessment system enhances the deliberation skill and presentation skill of the students.
- Percentage of attendance component in continuous assessment make students regular in attending classes, activities, involvement in extracurricular and co-curricular activities. It also makes students disciplined and punctual in their day to day life which is an important part of the career of student.

File Description	Document
Year wise number of applications, students and revaluation cases	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.4 Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

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](#)
Any additional information	[View Document](#)
Annual reports of examination including the present status of automation	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the

website and other documents

Response:

The university has been implementing outcome based education through its curriculum which clearly indicates Programme Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes(CO). These are communicated to the faculties and students in order to enhance teaching – learning aptitude and generate interest in learning within and outside the classroom and also to ignite research quest in the learners.The POs, PSOs, and COs are documented and displayed in the USTM website so that even the aspiring candidates can clearly understand what they would learn by undergoing a particular program and then can decide and choose the program studysuitably. Brainstorming sessions are conducted with students and faculty members for better understanding and implementation of POs, PSOs, and COs in each teaching department of the university.

As the POs, PSOs, COs are part of the syllabus which is printed and shared with the students and faculties so that they can ensure the realization of the learning outcomes and can make a concerted effort to ensure that after learning a course, it would enable them to face the real life problems and to arrive at a solution.

We take up experiential learning having relevance to the real life situations and keep the POs, PSOs and COs updated for relevance. This ignites the analytical skill of the students to learn about the real life situation and thereby can arouse cognitive curiosity among the students to do better. They acquire through learning of the subject the ability to solve a real life given problem. For instance, the Department of Chemistry has a collaborative arrangement with outside industries, research institutions where our students are taken for training and exposure. The students will learn by way of inter institutional academic partnership the art of solving a problem of chemical science.

Once the student acquires the skill of solving a problem, they generate confidence to do better once they get placement after completion of formal education in the university.It also often happens that when students work on a job in the industry during the training period, some of them are absorbed by the same industry once they come out of the university with their formal degree.

Assignments, Discussions, Practical Presentation, Projectwork are also designed according to the POs,PSOs and COs and hencethe attainment is also measured.These are also displayed in the departments and website for alignment of the students and expectation setting so that during the program these act as reminders for the faculty as well as teachers on attaining these outcomes.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

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

Response:

The university has adopted assessment mechanism regarding attainment of POs, PSOs, and COs in each academic department. The departments have attained sufficient progresses towards these parameters in the shape of conducting class assignments, open discussion, practical evaluation and sessional examinations at periodical intervals throughout the courses and program. The performance of students is tabulated and analyzed continuously throughout the semester and inputs provided in areas of improvement till the end semester examination. The scores obtained by the students are continuously recorded, sessional exam answer sheets are allowed to be verified by the students in order to enable them understand their weakness and strengths. The faculties offer suggestions to improve the learning process of the students by pointing out the skill of conceptualizing a question and the best way of answering a question within a given time frame in the exam hall.

Course Outcome (COs)

Programme Outcome (POs)

Programme Specific Outcome (PSOs)

Learning Out Come

Assessment

Internal Assessment

End Semester Examinations

Evaluation of Attainment

Attainment Level

Level 3 (Significant)

Level 2 (Satisfactory

Level 1 (Moderate)

Level 0 (Low)

USTM has implemented a scale based evaluation in a 4 point scale for attainment of PO, PSO and CO depending on the end semester assessment for the specific course –

Course Outcome	Programme Specific Outcome based on Course Outcome	Programme Outcome based on Course outcome	Attainment Level	Attainment Description
Percentage of marks Above 80%	Courses % > 80%	Courses % > 80%	Level 3	Significant
Percentage of marks = 71% - 80%	Courses % = 71% - 80%	Courses % = 71% - 80%	Level 2	Satisfactory
Percentage of marks = 60% - 70%	Courses % = 60% - 70%	Courses % = 60% - 70%	Level 1	Moderate
Percentage of Marks < 60%	Courses % < 60%	Courses % < 60%	Level 0	Low

The evaluation methodology involves detailed question paper setting wherein each question is mapped to a CO for corresponding PO. The level of attainment of program outcome is varied based on the communication methodology and efficiency of the student.Depending on the level of attainment of desired outcome appropriate actionis taken to realign the teaching and classroom communication processes. Our examination cell deals with the effective evaluation and communication reforms regarding the attainment of course outcomes, Programme outcome and program specific outcomes. The evaluations of the students in the form of assignments, discussions, practical presentation are also designed according to the POs, PSOs, COs.

These measurement processes are repeated in every semester after result of end semester examinations. The attainment is evaluated through the results of End Semester Examinations with the help of university Learning Management System (LMS) as each question is set with fine dimension which is linked with the specific course outcomes and thus the score against each COs enables the university authority to measure the attainment with precision to evaluate attainment level of individual students in each semester. Accordingly, as per result feedback and actions are taken on teaching learning process of individual faculty and students. End of final year complete attainment of POs, PSOs, Cos is understood and analyzed for relevant action as required.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 93.2

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1289

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 1383

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for the annual report	[View Document](#)
Link fo any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.46	
File Description	**Document**
Upload database of all currently enrolled students	[View Document](#)
Upload any additional information	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

For a university that is primarily concerned in advancing the frontiers of knowledge in STEM, cutting edge research aligned with global standards and avenues is of paramount importance. The University of Science and Technology, Meghalaya takes cognizance of the importance of outlining, clearly defining and articulating, envisaging and executing institutional commitment to research through well defined policies, norms and codes which are clearly and prominently articulated.

It is of immense importance to carry out fundamental research, especially in three broad avenues-theoretical, practical or scientific and also ensure that the outcomes of the research are aligned with the needs of the community and the same is disseminated among the same. It provides a social context and informs the scope of the research along a broader and larger public perspective.

USTM has put in place a robust, in-situ research mechanism which is duly communicated and informed to all stakeholders and practitioners which is focused in our website. The same is clearly defined in the University's Research Policy which has been disseminated widely among the relevant stakeholders and encourage them for meaningful research through endowments, grants, incentives etc. to promote outcomes and achievements through rewards, recognitions, awards and so on.

Together, this ensures a synergistic mechanism which places research at the core of academic ecosystem and ensures the meaningful and willing participation of all the stakeholders.

At the same time, it is also of immense importance to secure the participation of experts, eminent researchers and scientists, leading luminaries from academia and industry to stimulate ideation and though stimulation in areas connected to research, provide a guiding beacon to researchers and faculties and incorporate in them the best practices in this regard. USTM has signed MoU with as many as 90+ institution of Excellence like IITG, Central universities, research organizations and industries fro collaborative research for which there is a set MOU implementation policy in place. USTM has strong base of central instrumentation facility which is continuously upgraded with pace of time for lab based research under the guidance of prominent researchers.

USTM is also committed to attracting top notch talent in academia and research, industry and related avenues, especially those with global exposure and adhering to international standards. This will provide a much needed global impetus and exposure and on one hand, bring top notch talent within our university and research ecosystem leading to desired outcomes and secondly, provide our in house, local talent with much needed exposure and orientation with cutting edge practices and methods, Together, a synergy can be achieved which can play a pivotal role in pushing the frontiers of research in our institution. However, it is also pertinent to note that before achieving this catalytic boost, it is also imperative to upscale and develop our research and infrastructural facilities, logistics and resources to facilitate, engage and retain such talent and carry out such cutting edge research.

USTM's goals pertaining to research are thus clearly articulated at the concerned platforms.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[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, INR in Lakhs)

Response: 29.75

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).**

2018-19	2017-18	2016-17	2015-16	2014-15
49.67	30.01	29.78	21.42	17.86

File Description	Document
Minutes of the relevant bodies of the University	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 1.06

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
02	3	1	1	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the award letters of the teachers	View Document
Any additional information	View Document

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

Response: 7

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

2018-19	2017-18	2016-17	2015-16	2014-15
2	1	1	1	2

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.5 Institution has the following facilities to support research

  1. **Central Instrumentation Centre**
  2. **Animal House/Green House**
  3. **Museum**
  4. **Media laboratory/Studios**
  5. **Business Lab**
  6. **Research/Statistical Databases**
  7. **Mootcourt**
  8. **Theatre**
  9. **Art Gallery**

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	View Document
Upload any additional information	View Document
Paste link of videos and geotagged photographs	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 33.33

3.1.6.1 **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

Response: 6

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

Response: 454.65

3.2.1.1 **Total Grants for research projects sponsored by the 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).**

2018-19	2017-18	2016-17	2015-16	2014-15
00	374.55	60.04	14.67	5.39

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 39.85

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2018-19	2017-18	2016-17	2015-16	2014-15
0	00	0	39.85	00

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by government	View Document
Any additional information	View Document

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

Response: 0.31

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

Response: 41

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 662

File Description	Document
Supporting document from Funding Agency	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Paste Link for the funding agency website	[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:

Innovation &Startupbeing an important attribute of USTM, as a part of our Strategic Plan we wanted to come up with Innovation Centre, as an ecosystem promoting Innovation.

Ecosystem started taking shape in 2014 when we gave a proposal for infrastructural support to the Ministry of Food processing, which was approved in October 2014. Our students started taking initiatives in this direction and came up with many innovative projects. This encouraged us to realize our vision of an Innovation Centre. In 2017 we initiated our coordination with EDII, Ahmedabad for a Technology Business Incubator (TBI) with multiple projects lined up by several of our departments.

- Developed an advanced food processing laboratory, equipped to do research on Food alternatives and solutions for our students of Food Science and Technology. Financial grant of Rs. 75,00,000

from Ministry of Food processing in 2014 received.

- Setup a Technology Business Incubator(TBI) with support of Rs. 25,00,000 from EDII, Ahmedabad for DST-NewGen IEDC(Innovation and Entrepreneurship Development Cell) 2017 under the aegis of National Science and Technology Entrepreneurship Development Board (NSTEDB), DST, Govt of India, New Delhi.
- In 2019,University upgraded the TBI to Centre for Innovation, Incubation and Entrepreneurship with own funding and identified mentors supporting the students in selection of projects and guidance on project work.
- Developeda sophisticated state of the art Central Instrumentation Centre in the campus.
- Fully equipped Central Workshop facility.
- Science laboratories with latest equipment and facilities.
- Centre for Innovation, Incubation and Entrepreneurship (CIIE) is headed by Dr. Amit Choudhury and it constitutes of the following unitsfor coordination & functioning along with mentors and projects.

Sl.No	Name of Unit	Faculty Incharge
01	Entrepreneurship Development Cell (EDC)	Dr Amit Choudhury
02	Innovation & Incubation Hub (IIH)	Dr Mautusi Das
03	IPR Cell	Dr Anup Bordoloi
04	Start Up Consortium (SUC)	Dr Amit Choudhury
05	Consultancy & Training Division (CTD)	Mr Debasish Saha

Looking at our progress, we further got assistance of Rs.35,00,000 recurring grant for 10 student projects and Rs. 47,50,000 for 15 student projects for 2nd yearin 2019. We have students in 50% departments who come up with innovative ideas in various field of Applied and Basic Sciences for the sanction. List of projects done is attached as an upload.

We also conducted various activities for strengthening the ecosystem of innovation:

- Entrepreneurship Awareness camps July,Aug,Sept 2018 of 3 days each
- Establishing MOUs with neighboring industries and conducting industrial visits
- Participation in Innovation Conclaves 2019 and received innovation awards uploaded

- Faculty are encouraged with financial support for seminar, workshop and training.
- PG students visiting other institutes for project offered financial support.

A Central Diary farm implemented in campus to produce milk for students and generate manure for horticulture and pisciculture with recycled vegetable waste. Ducks released in the pond fed with organic manure which in turn helps fish breeding. Social outreach visits helped identify project areas. We set up an Organic Market for villagers in Campus.

File Description	Document
Upload any additional information	[View Document]
Paste link for additional information	[View Document]

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 72

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
19	13	14	15	11

File Description	Document
Report of the event	[View Document]
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 0

3.3.3.1 **Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document]
e- copies of award letters	[View Document]
Any additional information	[View Document]

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	
Any additional information	

3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the Newsletter / website

Response: A.. All of the above

File Description	Document
Institutional data in prescribed format	
e- copies of the letters of awards	
Any additional information	

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

Response: 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	

24-08-2021 11:29:01

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

Response: 2

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 36

3.4.4.2 **Number of teachers recognized as guides during the last five years**

Response: 18

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
URL to the research page on HEI web site	View Document

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

Response: 0.38

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

2018-19	2017-18	2016-17	2015-16	2014-15
26	09	08	04	03

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

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

Response: 1.25

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 last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
50	54	36	16	09

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4.7 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**

Response: D. Any 2 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Give links or upload document of e-content developed	[View Document](#)
Any additional information	[View Document](#)

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

Response: 1.8

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

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

Response: 4.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)
Any additional information	[View Document](#)

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

Response:

USTM does have a policy on consultancy and training where the income is shared with the individuals and teams of faculty and keeps them encouraged and motivated for taking up consultancy and training assignments. Knowledge transfer and sharing is a key element for the organic growth of the University with contribution to the industry & society. Having a varied spectrum of subjects in the university, we realized that we were sitting with a pool of knowledge which can be of immense help for the society. Research based Consultancy as well as non-research based consultancy were prospect areas for the University in which our faculty could contribute through knowledge sharing for the interested agencies.

We were approached by CASFOS of the Department of Forests, for the training of their staff members in varied areas like Management and ICT Skills. We conducted a number of such trainings with that organization and realized that this is an area where we can expand our focus and grow together with the society. This set the ball rolling and thoughts of formalizing the Consultancy & Training services were initiated.

Consultancy Policy was discussed and formulated for creating a guidance for taking up consultancy & trainingassignments by the faculty for both research and non-research based consultancy. This has been drafted based on the needs and requirements visible at that time and shall be open to revision in future.

The Consultancy & Training Division has also been created to formally offer training and consultancy services to the various agencies in need and thus create a platform for knowledge sharing. During the evolution stage, we came across with many business houses which were not very professional in their management style. In the course of their growth, they approached us for giving them the adequate knowledge which can help them to grow their business further and manage them more professionally.

Knowledge Transfer Eco-System

We have done a number of consultancy and training in areas of Business Management, Accounting, etc. and we shall keep widening the spectrum of our Consultancy and Training services for the mutual benefit of the University, Faculty and the Agencies.

This policy has helped us in giving a direction to the faculty and encouraging them for looking out for the various prospects of consultancy projects and taking them up with clear visible benefit for the individuals and teams involved in the activity. We believe this will help us to broaden the horizon of consultancy and training and cater to all sections of the industry, specially to those who are not having access to professional consultancy and training on areas of business which will help them to grow and manage their business in a much more organized manner. We also want to involve more and more faculty to involve themselves in these assignments for cross learning and development.

File Description	Document
Upload soft copy of the Consultancy Policy	[View Document](#)
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	[View Document](#)
Upload any additional information	[View Document](#)
Paste URL of the consultancy policy document	[View Document](#)

3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 101.64

3.5.2.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2018-19	2017-18	2016-17	2015-16	2014-15
52.87	11.50	34.12	2.45	0.7

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[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:

USTM has adopted a village named Jorbill from the neighboring area and various activities are undertaken in the adopted village along with more 11 villages in the locality. The various activities and the impact are listed below.

USTM Neighbourhood Mission (UNM):

Under the USTM Neighbourhood Mission (UNM), the University has taken the initiative of reducing the number of drop out students from Higher Education (UG/PG level) in anD around 40KM radius of the university campus. To support this initiative the university is offering * Freeship, Scholarships and Career Counselling to the students. Similarly, the community halls, roof and compound walls of the schools and community Churches in the villages were repaired for the benefit of the communities.

ACTIVITY	IMPACT
INITIATIVES FOR UPLIFTMENT OF EDUCATION:	1. **Dropout rate has been reduced.** 2. **To encourage the school students, cash awards and prizes were given to those who secured 100 per cent attendance and therefore attendance have been improved.**

	3. Career counselling increased the number of students joining in the higher education in their desired courses. 4. Adult education centres have been established and the number of students in the centre is increased in last five years from 20 to 150.
ECONOMIC EMPOWERMWNT:	1. The employment ratio has increased as USTM has appointed the localites in different positions in the university. 2. Many start-ups and small business centres like, food stalls, stationary outlets, rented houses and hostels, etc have come up in the locality which has created a positive impact in the financial status of the villagers. 3. To create livelihood opportunities for the local farmers especially women a **Village Haat** has been introduced in the university campus where the farmers can sell their produce directly.
HEALTH AWARENESS CAMPS:	1. Learning conditions of the children improved with good health. 2. Improved the level of healthy lifestyle, personal hygiene and nutrition among the villagers, especially women and children. 3. The level of addiction from tobacco, alcohol and psychotropic drug abuse, etc among the youth has decreased.
CLEAN AND GREEN DRIVE:	1. Signage on cleanliness, ornamental plantations, dustbins, etc, are put up in the neighbouring shops and village market as part of the clean and green mission of the university. 2. The cleanliness in the schools, community halls, etc have improved. 3. 2000 saplings were planted as part of the green drive by various departments in the village schools, community halls and churches to create awareness on deforestation and the protection of environment.
FINANCIAL LITERACY:	Awareness is created about various Government schemes and policies implemented for the villagers and to get benefitted from those.

RELIEF WORKS	The university extends support and relief to the community times of need and in exigent circumstances.
BOOKS AND SCHOOL STATIONERY DISTRIBUTION :	Stationery and story books were distributed in the schools to create children's interest in studies and to improve creativity.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

Response: 7

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

2018-19	2017-18	2016-17	2015-16	2014-15
04	01	00	01	01

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copy of the award letters	[View Document](#)
Any additional information	[View Document](#)

3.6.3 Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs).

Response: 29

3.6.3.1 **Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc. (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community**

and NGOs) year-wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
12	10	03	03	01

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 8.35

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
794	204	117	78	50

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 69.8

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
112	108	74	35	20

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copies of collaboration	[View Document](#)
Any additional information	[View Document](#)

3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 83

3.7.2.1 **Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
40	18	9	8	8

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the MoUs with institution/ industry	[View Document](#)
Any additional information	[View Document](#)

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:

Yes, the adequate facilities for teaching learning is available in the university. USTM has always focused on creation and availability of infrastructure for the convenience of the students. We have built adequate number of classrooms, laboratories and computing equipment as prescribed by the statutory bodies like UGC, AICTE, PCI, NCTE, etc. Our intake capacity of 3700+ for all programs together is designed keeping the available infrastructure in mind.

The status of infrastructure is shared below for ready reckoning:

Facility	Available Qty
Class Rooms	144
Seminar Halls	6
Laboratories	42
Computers (academic use)	914
Computer Laboratory	10
LCD projector	132
Central Auditorium (3000 Capacity)	01

Class Rooms:

Besides the conventional teaching aids, classrooms are also equipped with state-of-the-art audio-visual technology viz. LCD projectors and Over Head Projectors and most of our classrooms are equipped with ICT interface for digital learning process.

Seminar Halls:

University has four seminar halls to conduct seminars and workshops for students and faculty members as well. One mega auditorium is available with 3000 plus capacity fully airconditioned which is used for our academic seminars as well as cultural programs with all modern facilities.

Laboratories:

University has adequate number of well-designed and state of the art laboratories as per statutory requirements. There are 42 laboratories for UG and PG courses including a newly developed Central Instrumentation Facility (CIF) for smooth conduct of regular practical as per the curriculum design as well as the research work to be carried out by students and scholars. We enable 1:1 instrument handling for students during their practical sessions. Safety aids such as a fire extinguisher, first aid box and display of safety instructions are available.

Computer Lab:

The Academic blocks of the university have well-furnished 8 Computer labs and one Language Laboratory with facilities viz. printer, scanner and multimedia systems. High-speed Internet facility is available to students and faculty to access information resources available across the globe. All the laboratories are adequately equipped with high end software. Our elaborate infrastructure enables our students to harness their full potential and practice all required mediums to enhance their learning and allows them to have 360 degree experience of their learning process.

Library:

Maulana Azad Central Library, USTM is automated and its OPAC can be electronically accessed 24x7. The Library is well equipped with modern facilities and resources in the form of CDs, online databases, books, e-journals, standards, reports etc. There are more than 61, 0000 books, 13 regular journals & the university has acquired institutional membership of the DELNET, J-Gate, I-scholar. The University has membership of National Digital Library, e-shodhsindhu and Shodhganga also. The library has also implemented RFID system.

Internet, Reprographic & other Facility:

University is fully Wi-Fi enabled. Its Internet Bandwidth is **1Gbp** Wi-Fi Network connectivity is available in all the academic and administrative areas, library, faculty cabins and hostels. Scanning and photocopying facilities are available in the library. We also have a center for Incubation & Entrepreneurship, Gymnasium etc., Student Activity Centre, and Media Centre to facilitate the overall teaching-learning process.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response:

USTM not only promotes the intellectual capability of its students but also gives importance to the comprehensive development of the students.Data is collected at the time of induction so as to recognize the area of interest of the students and accordingly exposure is given so as to fulfill the requirements to the fullest. Our Sports Forum and Cultural Forum are headed by capable officials.

USTM has 2 auditoriums (one 3500+ audience capacity, one 220+ audience capacity) & one conference hall having 100+ capacity equipped with state of the art media and sound technologies. Besides the university has one amphitheater, Biodiversity Park for cultural shows. Students are also trained in different musical instruments under the coaching of trained and professional artists and musicians. Cultural Forum

established in 2014 supervises and conducts different cultural events and competitions to enhance the skills of the students and engage the students in a holistic way.

Numbers of Students benefited of Coaching/Training in cultural activities:

Events	Students benefited	In- Charge	Qualification
Instrumental	105	Akash Choudhury	Professional & Renowned Artist
Classical music	140	Akash Choudhury	Professional & Renowned Artist
Western music	350	Akash Choudhury	Professional & Renowned Artist
Folk music	300	External faculty	Professional & Renowned Artist
Classical dance	180	Krishna Rani Deka Samragee Kashyap	B.A. (Visharad)
Western dance	400	Krishna Rani Deka Samragee Kashyap Abhilasha Das	Performer & awardee at National level /Scholarship holder
Folk dance	450	Krishna Rani Deka Samragee Kashyap	Performer & awardee at National level /Scholarship holder

List of Musical Instrument:

Instruments	Quantity
Keyboard	1
Octopad	1
Acoustic drum	1 set
Harmonium	1
Tabla	2
Tumba	1 pair
Violin	1
Guiter (Acoustic)	1
Guiter (Lead)	1
Guiter (Base)	1
Shaker	1
Mouth Organ	1
Wangala Drum	6
Percussion	2
Cable	3
Bihu Drum (Dhol)	5
Gogona	1
Toka	1

Khutuli	1

Sports Infrastructure:

The university has a dedicated Sports Forum established in 2014 and runs under a permanent Sports Officer reporting to the Director, Student Affairs assisted by sports coordinators to train interested candidates and conduct competitions.

Sports Fields/ Courts	Fields
Football	01
Basketball	02
Badminton	02
Volleyball	02
Kho Kho	01
Kabaddi	01
Lawn Tennis	01
Gymnasium Hall	01
Table Tennis	01
Yoga Centre	01
Skating Ring	01

The facilities for games like Caroms, Chess etc. are also provided in all hostels.

- On *"International Yoga Day" on June, 21st* yoga session is organized every year and ensures the presence of a good number of faculty and student participants.
- On *"National Sports Day-29th August"* USTM organizes different sports competitions including half marathon.

Students benefited of Coaching in different Sports:

Events	Students benefited	In- Charge	Qualification
Football	580	Viliebeizo Keditsu	'B' Division Coach
Volleyball	505	Jadav Thakuria	National Coach
Gym	520	Abdul Kadir	Certified Fitness Trainer
Badminton	345	Anup Rabha	B.P.Ed
Cricket	275	Siddhartha Sarma	M.P.Ed
Basketball	536	Tonmoy T Baruah	National Player

Achievements of students in sports:

- In 2018, USTM Team reached quarter final in City championship of Reliance Foundation College Football where one of our students was awarded with **Golden Ball Award.**
- In 2018, Girls Basketball Team won the **Runners Up** trophy at North East Region Inter College Tournament, 2018. In the same tournament USTM boys basketball team reached the semifinal.
- In 2018, Girls Basketball Team won the **Gold Medal** in the event basketball at NEGC.

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Availability of general campus facilities and overall ambience

Response:

The Campus:

The University is located in a 300 acre picturesque landscape surrounded by tranquil greenery in the Assam-Meghalaya border which provides an excellent ambience for teaching- learning. The campus has all the basic facilities required for an academic institution.

Amenity Center

It is a **MART** having different kinds of eateries, books & stationeries shops, tailoring shops, hair salons & parlors where students can fulfill all their daily necessities and at the same time enjoy their food in the lush green background.

Green Campus:

The entire campus is being developed keeping the natural greenery and the contour intact and at the same time the landscaping with green and ornamental plants is being done to make the campus green and pollution-free. All the street lights within the campus are powered by solar energy and thereby decreasing the dependency on traditional power sources. **For intra campus movement battery operated carts ply between the academic blocks for easy mobility**. An air monitoring device is being installed to keep a tab on the pollution level within the campus. Rain water harvesting facility has been developed as well.

Waste Management:

The University has **a comprehensive waste management plan** for the whole campus, where an exclusive Waste Treatment Plant has been set up to take care of the solid waste; the sludge is being used for agricultural purposes and the Bio-gases left out at the end of the treatment is used for cooking purpose in the hostel. Effluent treatment plant is also set up to treat the liquid waste coming from the laboratories.

Health Facilities:

The campus has a well equipped day care health clinic with a full time Doctor and one Nurse. The clinic is attached with a medical shop to take care of the health requirements of the hostel students as well as the day scholars. In addition Ambulance service is available to shift the patients to empanelled hospital for advance treatment.

Campus Security:

Separate hostels for both boys and girls are available within the campus having in house canteen facility backed up by 24x7 water and electricity. The hostels are equipped with 24x7 Wi-Fi facilities for the students to access e- learning resources. Further the students can also access the Central Library till 10.00 PM. To keep a strict vigil of the campus security personnel are manned 24x7 along with CCTV monitoring.

Sports Facility:

The campus has a well-developed sports facility with Volleyball, Basketball, Lawn Tennis, Football, Badminton courts, Gymnasium and a yoga center where students participate.

Facilities available within the campus for Students and faculty members

Other Amenities:

- Guest House facility within the campus for both internal and external guests
- Shuttle bus service
- ATM facility
- The campus has a state of the art 3500+ capacity Auditorium where dramatics, cultural activities, events etc. are organized from time to time for the benefits of the students.
- Department of Botany and Zoology has started an Herbal Garden & a Bio-Diversity Park respectively, which have also enhanced the overall university ambience.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 161.99

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
662.83	1911.17	923.39	476.77	63.41

File Description	Document
Upload audited utilization statements	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Response:

The university library, known as Maulana Azad Central Library, is automated in the year 2016 with ILMS Automation software powered by "KOHA".

The library has integrated information source and services by building a sound and comprehensive collection of both print and electronic resources on all branches of knowledge. Library is located in ground floor of the Academic Block-C and the library has been arranged according to section wise from section 1 to 25.

All the books procured in the Library are being classified in DDC (Dewey Decimal Classification) 23rd edition a scheme for classification of subjects used the LIS professional to arrange the books in proper order on the book shelf for easy access or retrieval. Besides classified books are also catalogued according to MARC-21 and ISBD format using KOHA Software. The library has its online catalogue. The aim of the project is to develop a database of resources in the library.The identity of all books and the library users are fully bar-coded and the library housekeeping operation like, acquisition, circulation of service have been automated with the help of KOHA. Further, RFID based library automation management system has been implemented for smooth operation of the same along with self-check-in & check-out facility is available for students round the clock.

The library has a collection of more than sixty thousand books, it sets the goal of the university to establish a world class library and to empower its academic community.

Timeline:

Year	Month	Activity
2019	May	RFID implementation
2017	April	NDL registration started
2017	January	Implementation URKUND with Anti Plagiarism License
2016	December	Signed MoU with INFLIBNET Centre for Shodhganga.
2016	August	IP based Webcam installed in the library for surveillance
2016	August	Daily E- News Clippings started
2016	July	Library started Institutional Repository
2016	July	Library computerization with Koha LMS
2016	May	DELNET-Institutional membership
2016	April	NCTE Inspection committee visited
2015	July	National Seminar On Convergence of Technologies in LIS (NSCTLIS-2015)
2015	March	BCI Inspection committee visited
2014	February	UGC/AICTE inspection committee visited

2014	February	Library computerization started with LMS software (Local)
2013	October	NCTE Inspection committee visited
2012	March	AICTE Inspection committee visited
2011	September	Library established along with the University

This Integrated ILMS Facility in the Library benefits:

- To provide 24x7 library information services to the user.
- Remote access of the information has also been enabled for the users.
- To procure organize and disseminate information in different format.
- Manage and focus resources to deliver priorities and develop library staff with a culture of innovation and service improvement.
- To support the educational and research program of the university by providing physical and online access to information.
- Library has OPAC (Online Public Access Catalogue) which is used for accessing bibliographic database by the user community of the university.
- Through Koha software, library is maintaining issuing and returning books records.
- Generating different kinds of reports.
- Easy way to know the status of a book and its borrower.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 100.26

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during

last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
175.26	173.66	70.97	64.20	17.21

File Description	Document
Institutional data in prescribed format	[View Document]
Audited statements of accounts	[View Document]
Any additional information	[View Document]

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 32.34

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 1197

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	[View Document]
Any additional information	[View Document]

4.3 IT Infrastructure

4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 135

File Description	Document
Upload any additional information	[View Document]
Institutional data in prescribed format	[View Document]
Paste link for additional information	[View Document]

4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Response:

There is a comprehensive IT policy in order to maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the University on the campus. This policy establishes University-wide strategies and responsibilities for protecting the Confidentiality, Integrity, and Availability of the information assets that are accessed, created, managed, and/or controlled by the University. Information assets addressed by the policy include data, information systems, computers, network devices, intellectual property, as well as documents and verbally communicated information.

Web Site Hosting & University Database Use

The university's data policies do not allow the distribution of data that is identifiable to a person outside the university. In case any request from UGC, MHRD or any other government agencies the data will be prepared/compiled and submitted by the Registrar, Controller of Examinations and Finance officer of the University as the case be.

If service engineers come across any applications that are interfering with the network operations or with the IT policies of the university, such incidents are brought to the notice of the authorities.

There is budgetary provision of around 2-3 % of the total budget for regular IT infrastructure enhancement and updates as per the requirements and policy needs. The proposed annual IT budget and the corresponding expenditures are supported by an annual IT Audit.

Software Installation and Licensing

The policy does not allow any pirated/unauthorized software installation on the university owned computers and it encourages user community to go for open source software such as Linux, Open office to be used on their systems wherever possible.

IT Infrastructure:

USTM is in the process of updating IT infrastructure in accordance with latest updates in both hardware & software. We are in the process of enhancing the LAN points from 800+ to 900+ and number of PCs for student from 900+ to 1000+ Along with this we are also increasing the number of Windows License. We are updating our student attendance to online mode with help of open source software, for the visually impaired students computer screen readers like JAWS (Job Access with Speech) are available. Further, common printing facilities for each department is being contemplated with the help of wireless LANs.

SL.NO	ITEM NAME	QUANTITY
1	HP DL 10 (DELL MEDIA SERVER)	01
2	ASSEMBLED (DHCP SERVER)	01
3	FORTIGATE 100E (UNIFIED THREAT MANAGEMENT) UTM	01
4	APCHE OPEN MEETING (BIG BLUE BUTTANS)	01
5	BIGROCK PREMIUM SERVICES (HOSTED TO PROVIDE EMAIL SERVICE)	250+
6	GIS SERVER (Arc GIS)	30
7	SPSS	30
8	DESKTOP & LAPTOP	914
9	SUPERNOVA	30
10	SWITCH	67
11	ACCESS POINT	142
12	SERVER	07

Wi-Fi Provisions at the Campus:

Keeping in line with demand from students and faculties, the internet bandwidth has been enhanced to 1Gbps in the year 2018 with redundant players, so that the academic and research activities can be handled with better connectivity.

The campus is fully Wi-Fi enabled and at present the university has more than 67 switches, 142 access points both indoor and outdoor along with a router (FORTIGATE 100E UTM) for maximum coverage.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.3 Student - Computer ratio (Data for the latest completed academic year)

Response: 4:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.4 Available bandwidth of internet connection in the Institution   (Leased line)

Response: A. ?1 GBPS

File Description	Document
Upload any additional information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

Other Upload Files	
1	[View Document](#)

4.3.5 Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links of photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 22.62

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

2018-19	2017-18	2016-17	2015-16	2014-15
606.28	277.95	309.80	331.51	86.74

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[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:

USTM has a structured system and process managed by dedicated Estate Office, headed by an Estate Officer & backed by well-trained maintenance& surveillance teams, which is responsible for the maintenance & security of the physical, academic and support facilities like laboratory, library, sports complex, computer laboratories, hostels, classrooms, auditorium, amenity centers, STP/ETPs, green zones etc., manned with full time salaried employees. All complaints & recommendations registered are being checked and processed by the Estate office under supervision of Deputy Registrar.

Maintenance, Utilization & Surveillance:

Our entire facility is divided into different blocks & our maintenance team looks after the facility equipped with skilled manpower for civil, electric, plumbing, carpentry works & horticulture etc.

- The infrastructural facilities like classrooms and buildings are maintained under the supervision of Head of the Departments with the help of block officers, supporting staff & estate office. The classrooms are allotted to the students by their respective department as per their academic calendar.
- Estate Office ensures power supply and maintenance of electrical assets. The maintenance of equipment like Generator Sets, Power Distribution System, Solar Panels, elevators, etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier.
- The maintenance of equipment for water pumping plants, sewage, etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier.
- Hostel buildings are maintained by the centralized maintenance team as & when required. All the hostels have at least one resident warden supported by a few security and service personnel. Hostel room allotments are done by the Registrar's office at the time of admission. 24hrs security surveillance is done through CCTV cameras looked after by the IT department.
- Central Amenity Center provides various services/ facilities like cafeteria, ATM facilities & services, medical emergency services, pharmacy, books & stationary shops, photocopy, etc.to the students, faculty and staff and are maintained by respective service providers as per contract. The common area of the Amenity Center is maintained by the estate office.

- USTM has a sports forum under which various games, sports activities are carried out as per laid down guidelines. Sports facilities like gymnasium, cricket, basketball, volleyball field, badminton courts, multipurpose sports arena are maintained by the Sports department under the guidelines of Administration Department with the help of various vendors and centralized maintenance team.
- The university has various laboratories at many of the departments. The general maintenance such

as cleaning are done by the laboratory assistants but for repair, maintenance and upkeep of the labs of all teaching & research blocks are done by a dedicated laboratory maintenance team present at the respective departments. Further, major laboratory equipment is under Annual Maintenance Contract (AMC) for their regular preventive and corrective maintenance. Allotment of labs to students, safety measures and lab timings are looked after by the Head of the Departments as per university guidelines.

- University Central Library is known as Maulana Azad Library and various departmental libraries which provide access to an extensive range of informative resources like books, e-books, journals, e-journals, newspapers and access to wide range of resources to improve the knowledge and thought process of the academic fraternity and students. The maintenance of these facilities is done by the Estate office under the supervision of the Librarian, HOD and the Administration Department. To ensure proper and efficient use of the facility, we have a set of rules like issuing/replacement of member cards, fines on overdue books, behavioral protocols, security etc.Purchase of new books and other needs are taken care by Library Committee as & when required for which an annual budget is allocated for the purpose.

- Transport Service-Mobilization of Buses, Vans and Cars inside the campus are monitored by the transport department of the university under fixed guidelines from the administration.
- In Campus Fire & Safety Department is responsible for the monitoring of various firefighting equipment in various blocks, class-room, labs, hostels, offices, etc. Fire Hydrants, water sprinklers have been installed in major places like the Central Auditorium, laboratories. The corridors of all the building blocks have basic safety features like fire extinguishers.
- The computer laboratories are taken care of by a dedicated IT officer supported by laboratory officers and assistants. Regular maintenance and updates of the computer labs are done by a dedicated team as per the IT policy. Lab user manual is displayed in each lab for the benefit of the users.
- The ITNU (Information Technology & Network Unit) looks after the maintenance of the Desktops, Laptops, Printers, UPS, network and Wi-Fi's etc. The IT department also takes care of the Campus Surveillance Cameras, PA Systems, Teaching aids such as LCD Projectors, Smart Boards etc with the help of the equipment providers.

Figure 1: Maintenance of Physical Facilities

The respective departments and the estate office conduct a periodic audit & ensure timely

corrective action for proper functioning of the various equipment, gadgets and services. With this system and procedures we have been able to derive following benefits –

1. Ensure that the assets are well maintained and thus enhance the life of the assets.
2. Assets are used in a prescribed manner and thus accidents or mishaps are avoided.
3. Any kind of loss or theft of assets does not take place.
4. The assets do serve the purpose for which they have been sourced.
5. Students, faculties and staff operate in an efficient manner at times of need.
6. Students grooming for sports and cultural activities encourages them to compete and win

competitions.

7. Faculties can deliver their teaching learning initiatives in an effective manner.

8. Timely replacement of assets where the life of the asset is exhausted.

9. Day to day operations of the university campus without any infrastructure related disruption.

10. Various large scale functions and flagship initiatives like **NEGC** (North East Graduate Congress), **NETC**(North East Teacher's Congress), **NEPC** (North East Principal's Congress), Teacher's Day, Unity Day, Independence day, Republic day, Birth anniversaries, workshops, seminars, cultural and sports events, etc. are held in regularly.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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 institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 40.68

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) year wise during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

2018-19	2017-18	2016-17	2015-16	2014-15
1392	1302	1041	798	500

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document]
Upload any additional information	[View Document]
Institutional data in prescribed format	[View Document]
Link for additional information	[View Document]

5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.

Response: 48.51

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

2018-19	2017-18	2016-17	2015-16	2014-15
1554	1472	1108	917	760

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link to Institutional website	View Document
Link for additional information	View Document

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

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

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 11.92

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
23	09	04	04	01

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
205	61	44	39	7

File Description	Document
Upload supporting data for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.2.2 Average percentage of placement of outgoing students during the last five years

Response: 26.99

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
195	252	295	327	239

File Description	Document
Upload any additional information	[View Document](#)
Self attested list of students placed	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.2.3 Percentage of student progression to higher education (previous graduating batch).

Response: 21.36

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 312

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.

Response: 12

5.3.1.1 **Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
4	8	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters and certificates	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3.2 Presence of Student Council and its activities for institutional development and student welfare.

Response:

The university has an active **Selected Student Council** and is named as **USTM Students Forum**. Students are selected based on their academic and extracurricular talents by a selected panel.

The following are the activities of **Students Forum** for Institutional Development:

1. **The Class Representatives (CR) and Joint Class Representatives (JCR) System** has been incorporated in every department for student representation as leaders. The system allows one male and one female elected by the students of every class to represent approximately 60 students. The CR's and JCR's are the ex officio members of the Students Forum. The CRs and JCRs contribute in giving feedback on academic and any other issues day to day basis to the Director Students Affairs.
2. **Various Centres at USTM:** The forum members are the ex officio of the various centres and forums of the university. The members extend their support in organizing different domain specific events and ensure the smooth and successful functioning of the centres and forums. Students organize different activities like Cultural, Sports, Debate, Quiz, etc which are organized regularly.
3. **Student Grievance Cell Members:** The two nominated members by the Students Forumare selected for Student Grievance and Redressal Cell of the university. The student members are present in the meetings which are held to redress the issues of grievance by the Grievance Redressal Committee.
4. **Community Bank:** Through the community bank initiative one rupee is collected per day for 365 days together during admission from each and every student. The 50 per cent of the collected amount is utilized through the forum in sponsoring poor and meritorious students for higher education at USTM and rest 50 per cent is utilized for various welfare and outreach programs organized for the neighboring communities of the university.
5. **Contribution in Adoption of Students Code of Conduct:** The forum members monitor and ensure that each and every student of USTM are following the university code of conduct and discipline and to report to the authorities in case of any violation.
6. **Students Forum nominate two portfolio holders for the** Institutional **Quality Assurance Cell (IQAC)** where they can give their suggestions, ideas and also extend their support for strengthening the students platforms for holistic development of the university.
7. **Welfare Activities:** Under the Neighborhood Mission of the university the students organize and support the welfare and outreach activities including blood donation camps, free health check- up camps, awareness programs for HIV/AIDS, health and hygiene, etc. The forum members also extend emergency services like relief distribution, etc for the flood effected people and victims of

any natural calamities.

8. **Managing Events & Activities:** North East Graduate Congress **(NEGC),** Varsity Week, Freshmen Social, Alumni Meet, Farewell Functions arethe annual cultural and sports festivals where students coordinate with the management of the university to ensure the success of the events.

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 25.8

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2018-19	2017-18	2016-17	2015-16	2014-15
23	27	26	26	27

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[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 other support services.

Response:

University of Science & Technology Meghalaya Alumni Association (USTAA) is the official alumni body. Student graduated from the university is the member of the **Association**. The fee for registration is collected as part of the fee from the caution deposit from the outgoing students. Alumni are encouraged to give back to the University through various means where USTM is utilising the Alumni Network.

Financial Support: Every year an amount is generated from the Alumni which may be utilised for following purposes.

1. Scholarships for the underprivileged meritorious students to pursue higher education at USTM.
2. Construction of Alumni Guest House.
3. Organising Annual Alumni Chapter Meetings
4. Library/Academic building and laboratories
5. Welfare programs and relief works.

Alumni Meet: Alumni are regularly asked to give their valuable suggestions for the expansion of Alumni networking, strengthening the tie ups and to reconnect with the Alma mater and old friends. Every Department has a separate Alumni coordinator who conducts AlumniActivities. Alumni meets are conducted once in a year at institution and departmental levels. Alumni share their expertise with the students for guidance in Projects, Placements, Internships and events, etc. They guide students aspiring for higher education by providingguidance and assistance for NET, GATE and other competitive examinations.

Alumni Chapters: University has departmental and regional Alumni Chapters, namely: Lower Assam, Upper Assam, Barak Valley and Kamrup, Khasi and Garo Hills Chapters, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Tripura and Sikkim.

Entrepreneurship Awareness: Several Alumni have successfully established start-ups in different sectors, many of them are first generation entrepreneurs. They decided to become entrepreneurs during their academic span at USTM. Through the journey as an entrepreneur they are learning various skills, knowledge and gaining experiences. They encourage the students with their successes and challenges faced.

Academic Participation and IQAC Members:IQAC has representation from Alumni, who contributes towards all the quality related initiatives undertaken by the university. Alumni contribute in the curriculum design and development of the university through the standard feedback mechanism.

Training and Placement: Alumni of USTM are working in different reputed organizations atvarious capacities. They keep the faculties and the placement officer abreast about theavailable job opportunities. They extend their support andguidance to the aspiring the students to crack the interviews.

Delivering lectures: Alumni are invited as resource persons at various events, guest lectures and panel discussions. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture

Logistics and Other Support: Alumni are extending logistics and other services for time to time as and when required.

1. **Event Participation:**Alumni are engaged in various annual events like NEGC, Varsity Week, students' activities, etc and functioning of the USTM Students Forums as Advisors.
2. **Books Donation:** 1500 books are donated by the Alumni and a section in the central library of USTM is displaying the books donated by the Alumni.

File Description	Document
Any additional information	<u>View Document</u>
Link for additional information	<u>View Document</u>

5.4.2 Alumni contribution during the last five years (INR in Lakhs)

Response: A. ? 100 Lakhs

File Description	Document
Any additional information	<u>View Document</u>
Link for any additional information	<u>View Document</u>

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Our entrepreneurial journey towards becoming one of the best destinations of teaching learning by 2030 have the following attributes.

1.Quality Education by trained and talented manpower

2.Team Work with Innovation

3.Cutting edge Research useful for society

We believed this journey will make us a global destination with a competitive edge. While walking this path we shall contribute to our society by extracting the youth potential through overall excellence.

Our MILESTONES were created in line with our Vision 2030.

Mission Bronze
to make USTM as a renowned university in the East by 2020

Mission Silver
to become one of the top universities in the country by 2025

Mission Gold
to become one of the world class universities by 2030

Governance:

Our organisation structure withintegrated institutional bodies ensured an ambitious planning; collective implementation layout and accountable time bound execution, always guided by our core values.

USTM is guided by the Chancellor at the apex and supported by

- The Vice Chancellor Office
- Registrar's Office
- Controller of Examinations Office
- Deans & Head of Departments (HoDs)
- Directors
- Various Forums and Committees

The Vice Chancellor implements the policies and takes all executive decisions. The Registrar of the University is responsible for administrative decision under the guidance of the Vice Chancellor. The Controller of Examinations carries forward the admission and evaluation process. Directors in different Forums/Centres are responsible for executing all aspects related to their key focus areas.

Our focus on creating world class infrastructure and academic facility at the local level while connecting with the national and international institutions created a strong bridge for teaching learning environment.

USTM towards a Global Academic Destination:

We introduced USTM to the Global community through international exchange initiatives. Initiatives with Arizona State University, USA; Premiere Turkey University; Shahjalal University of Science and Technology; University of Dhaka and others have opened up USTM to the world. We also propose to establish a South East Asian University Council, (SEANBB-INE). The University played a catalyst in organising the International Convention of Vice Chancellors (ICVC) at Bangladesh.

Our research and innovation facilities are recognised and partnered by the Govt of India which gives us immense confidence on our potential to become an academic institution of excellence.

Creating platforms for Social Exchange:

Our activities include -

- Adoption of village in the neighbourhood.
- Working to create positive change in their lives through education.

- Ensuring 100% higher education for the children's of home district

These activities unfold the social leadership traits of student and integrate the social and human values.The University also creates platforms for social exchanges like the following to mention a few, promoting Integrity and Brotherhood.

- North East Graduate Congress to explore potentiality
- Celebrating National Unity Day, Republic, Independence Day and many other yearly events

Perspective Plans for 2025 and 2030:

With the Mission Bronze milestone very near, USTM has now prepared a detailed "Vison 2030" document for next ten years which will help us reach our next milestones. Our focus will start moving into other niche areas and required changes in the academic and administrative governance shall be made to support this. Few key focus areas shall remain as

- Attract International Students
- Attract Excellence in Faculty
- Continuous upgrade of infrastructure

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

USTM believes insuccess through decentralization and participation management by the leadership within and outside the campus. This ensures an efficient operation of the university by an engaged team.

Organogram - Academic

Board of Trustees → ERDF

Chancellor

Visitor — Governor of Meghalaya

Finance Committee

Chairman — BOG & FC

BoG

Pro Chancellor

Pr Advisor

Advisor(R)

Advisory Council

Vice Chancellor

Chairman — BoM, AC, IQAC, RAC & URC

Board of Management

Academic Council

IQAC/RAC/URC

Pro Vice Chancellor

Board of Studies

Contlr of Exam

Registrar

Dean of Schools

Academic Registrar

Finance Officer

Dy. CoE

Dy. Registrar(Admin)

Director (Research)

Secretary Finance Committee

Departmental Council

HoDs

Faculty

NET Forum

Director Student Affairs

Students

Student Forum

Organogram - Administrative

Board of Trustees → ERDF

Chancellor

Chairman — BOG & FC

BoG

Finance Committee

Pro Chancellor

Vice Chancellor

Board of Management

Chairman — BoM

Pro Vice Chancellor

Contlr of Exam

Registrar

Dean of Schools

Academic Registrar

OSD

Academic Officer Block Officer

Finance Officer

Dy. CoE

Directors

Dy. Registrar (Admin)

Secretary Finance Committee

Library

HoDs

Establishment Manager

Faculty

Departmental Staff

T & P

Student Affairs

Welfare

Operations

HR

Outreach

Centres

Purchase Officer

Estate Officer

Print & Media

IT & Commn

Hostel Wardens

Security Head

Transport Head

Horticulture

Housekeeping

We at USTM believe in learning and executing everyday through collective decision & execution process for the delegated responsibility with accountability. Few instances are elaborated below-

- IQAC is a hub for academic feedback & quality initiatives to explore improvement.
- Curriculum is prepared/revised with feedback from stakeholders including Employers, faculty, alumni and students by Departmental Council , Board of Studies and Academic Council(AC)

- Our doctoral research programs are carried out under the guidance of departmental research committee (DRC) and School research Committee (SRC) regulated by the University Research Council(URC).
- Our NET forum along-with Centre for Career Guidance conducts coaching activities for various competitive examinations with internal and external resource persons.
- The cultural and sports activities are conceivedand conducted by the Cultural Forum & Sports Forum of the university with guidance from the Director Student Affairs.

The decentralization & participation gets demonstrated in our process laid out for regular execution of academic time table.

We have 10 blocks where our 18 departments are spread out. Each Block Officer has one or more departments attached to ensure smooth operation of the teaching learning process. Block Officers keep a track of the class time table implementation and maintain a record in a prescribed format. A detailed report is compiled everyday by them and shared with the Academic Officers.The academic officers analyze the reports as guided by the OSD.

Reports are shared with the Vice Chancellor, Academic Registrar and respective HoDs. The HoDs take inputs from these reports and ensure corrective actions. A copy of this report also goes to the Office of the Chancellor for records.

Day to day resolutions are tracked and preventive measures are taken for future non-occurrence of issues. Block officers also facilitate the infrastructural adequacy on a day to day basis to ensure the faculties do not find any problem in their sessions.

HoDs also share a This week & Next week (TW/NW) report with the Vice Chancellor and Chancellor's Office, seeking support if any, for prevention of disruptions in the academic semester plan. Any obstacles in the smooth conduct of the plan thus gets removed and corrective measures are implemented for smooth operation of the semester academic plan.

Thus, the mandate of smooth semester operation is facilitated through the participation of block officers and OSD team and support rendered by the leadership team. We as a team become the strength of our leadership and ensure effective execution of University objectives.

Illustration of instruction and information flow:

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

The ethos of excellence encapsulated through the vision of emerging as a world class institution is manifested in the strategic plans and perspectives at the University of Science and Technology, Meghalaya. While academic rigour and intellectual capital constitute one of the pillars, the other pillars thrive on meaningful human connections amidst an ambient, world class infrastructure.

USTM strives to foster social capital through extensive and intensive camaraderie among its academic and student community leading to exchange of ideas and the spirit of enquiry and reform. The institutional agenda, thus, seeks to make available cutting edge, world class physical infrastructures to aid and augment a movement towards excellence in communion.

The University, since its inception, has put in place best-in-class infrastructure to promote, *in-situ,* academic and intellectual exchange and foster the spirit of camaraderie among students- either with eminent individuals or through mass connect programmes. USTM had aleady successfully hosted programmes with leading laurels like Dr. APJ Abdul Kalam, Nobel Laureate Kailash Satyarthi, Dr. AS Kiran Kumar, Former Chairman of ISRO etc. besides conducting mass programmes like North East Graduate Congress, Convocation etc as a part of its vision. While there was the provision of well equipped auditoriums, conference and seminar halls interspersed within the University, it was conceptualized to commission a world class, unparalleled auditorium with sufficient seating space to meet the fast-emerging requirement of excellence and the needs of accommodating a vibrant, ever thriving and growing student and intellectual community.

The genesis of this institutional vision has burgeoned into the behemoth that is the Central Auditorium at the University of Science and Technology, Meghalaya. It is the keystone of USTM's commitment to excellence and world class values as a university and academic community. The auditorium has

unparalleled physical infrastructure- top notch material and upholstery, electronic, acoustic, audio-visual paraphernalia, ergonomic seating and tastefully curated interiors. It has sufficient seating to accommodate thousands of attendees amidst a serene campus. It has witnessed, since throwing its doors open, excellent programmed with eminent laureates, intellectuals and scholars besides hosting our convocations, meetings of the student and academic fraternity.

The Central auditorium also functions as a space to foster artistic and cultural ethos of the students through diversified cultural activities and provide them a world class space to present themselves to the community. The auditorium has also drawn the attention of the community beyond the university as other organizations, civil societies, personalities and speakers seek to avail the auditorium premises to conduct rich, diverse and meaningful programmes which give much needed exposure and orientation of the world beyond to our students.

It would not be an exaggeration to thus, state, that the auditorium is a catalyst and chronicle to our collective vision towards a world class institution. It has emerged as a common platform for the entire university denizens to congregate as a whole and collectively realize and mobilize the vision of excellence that USTM stands for.

File Description	Document
Any additional information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

The organogram showsthe institutional bodies in the administrative and academic setup of the university. The policies& rules of the university effectively uses these bodies for guidance, decision making and efficient execution.

Operational bodies:

Board of Governors: Headed by the Chancellor, the BoGformulates policies, reviews decisions, approves budget and annual report, amends Statutes and Rules and approves proposals for submission to the State Govt.

Board of Management: Headed by Vice Chancellor, it implements decisions ofBoG. It conducts all administrative affairs, regulates and administers the revenue and property.

Academic Council: Headed by Vice Chancellor, itco-ordinates and supervises the academic policies of the Universityand remains responsible for standards of education and evaluation.

Finance Committee: Finance officer as Secretary of committee examines the accounts and scrutinizes the university proposals for expenditure and is also responsible for formulating the annual budget.

IQAC: Headed by Vice Chancellor this cell engages in all quality initiatives of the university which results in development of the academic outputs.

Board of Studies: Headed by Dean of each school, the BOS is intermediate cell to approve and decide departments curriculum and teaching learning process.

Departmental Council: Headed by the HoD, this takes the grassroot decision regarding each and every academic activity with help of Department faculty.

Research Advisory Committee: Headed by the VC, this Committee is meant to supervise research work and the project work received from different Government and Non-Government agencies.

URC/SRC/DRC:URC headed by VC, SRC headed by Deans and DRC headed by the HoDexecute the research works. DRC adopts resolution required and forwards to SRC for approval. Approval of SRC sent to URC for final consideration.

Administrative setup:

The Visitor: Honorable Governor of Meghalaya is the Visitor of the University.

The Chancellor: The Chancellor as head of the Universityis appointed with prior approval of the Visitor. He presides over meetings of the BoG and issue directions in the interest of the University.

The Vice-Chancellor: Heis the Principal Executive and Chief Academic Officer and gives effect to the Chancellor/BoG's decisions.

The Registrar: Exercises such other powers and perform such duties as may be prescribed by the Board of Governors and shall be custodian of records and common seal of University.

Academic Registrar: The Academic Registrar supervises the curriculum, modification of syllabus and academic issues and supervises the research activities.

Dy. Registrar: The Dy. Registrar executes all such related activities delegated by the Registrar in the administrative and establishment matters.

Deans of Schools/Directors: They drivefunctional activities of concerned School/Centre/function.

Finance Officer: Exercises supervision and management of the funds of University.

The Controller of Examinations and Admissions: Ensures that all the specific directions of the Board of Management, Academic Council and Vice-Chancellor in respect of admission, examination and evaluation are complied.

Human Resource Policy

The University has an well-defined**Human Resource Policy**with service rules for all faculty and staff. The policyprovide details about the job description, attendance, recruitment, promotion and the code of conduct for smooth operation.

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

6.2.3 Institution Implements e-governance covering following areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

Response:

Our HR Manual has laid down policies pertaining to **performance appraisal system** giving adequate

promotional avenues for the teaching & non-teaching staff. Appraisal & promotion committees evaluate and recommend increments, promotions, reward & recognitions. Staff welfare is of importance and hence welfare measures are in place for all. Management views these areas with seriousness, as unified family working towards a common goal.

CAPE committee consists of Vice Chancellor, Registrar, and Controller of examinations, Academic Registrar, who evaluates and does appraisal scoring under DAPE & FAPE.

FAPE – Faculty assessment & performance evaluation – parameters evaluated for faculty.

DAPE – Departmental assessment & performance evaluation – parameters evaluated for HoD.

Scoring under the attributes are done by various respective authorities as a 360° evaluation and a final score is arrived at for DAPE and FAPE both. These scores form the basis of annual performance evaluation of the faculty and HoDs for deciding the increments, promotions, rewards and recognitions.

Non-Teaching Staff:

For the junior cadre non-teaching staff, the members are evaluated by the appraisal committee which consists of Registrar, Academic Registrar, Dy. Registrar, 2 Sponsor from nominee and 2 faculty members. Appraisals are done on qualitative inputs of punctuality, regularity, job involvement and they are graded in three scales for increments.

As for the Administrative staff, the evaluation is done by the Vice Chancellor, Registrar and Two senior professors nominated by Sponsor. Basis the parameters like execution, performance and contribution, the increments are decided.

Potential promotion candidates are evaluated for promotion basis the ratings as per positions available.

Welfare of the staff is an important area for the University. Employee PF covered under EPFO. The key highlights of the welfare measures closely monitored and implemented have been captured below. The details are uploaded as additional information.

Special incentives:

Special incentives & increments on performance & achievements.

Annual reward & recognition like foreign trips, cash rewards as recognition

Leave :

Cashable Earned Leave for all

Duty leave for faculty to attend conferences, seminars.

Special paid leaves for exigencies.

15 days summer break leave for faculty

Local and National Holidays

Personal and Professional Development:

Opportunity & Support for higher studies, especially for Ph.D. and post-doctoral research

Interest free Car, Marriage, Other Loans mobilized from community fund:

Medical treatment loan.

Extraordinary loan for any urgent financial need.

Day care health centre facility:

Hospital tie-up for treatment at discounted rate.

ESI for eligible non-teaching staff.

Financial Support for treatment

World Class Campus infrastructure:

State of the art auditorium for entertainment.

Well-equipped gymnasium and playgrounds.

Amenity centre for daily use items & food.

Free Transport for all Staff:

University bus service

Free education to wards of staff members:

Compassionate appointment to wards of staff

As we are an evolving organization and number of staffs is increasing, we are making the appraisal process more structured and scientific and introducing balance score card based KRAs, to be rolled out with clear

annual targets for all.

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

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: 64.04

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**

2018-19	2017-18	2016-17	2015-16	2014-15
145	107	71	67	46

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	View Document
Link for Additional Information	View Document

Other Upload Files	
1	View Document

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 27

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
31	29	25	25	25

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	<u>View Document</u>
Reports of Academic Staff College or similar centers	<u>View Document</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View Document</u>
Any additional information	<u>View Document</u>
Link for Additional Information	<u>View Document</u>

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 76.11

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
132	124	84	78	76

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<u>View Document</u>
IQAC report summary	<u>View Document</u>
Details of teachers attending professional development Programmes during the last five years (Data Template)	<u>View Document</u>
Any additional information	<u>View Document</u>
Link for Additional Information	<u>View Document</u>

6.4 Financial Management and Resource Mobilization

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

Response:

USTM, an outcome of entrepreneurial effort with its journey starting from 1 computer & 4 students, today has more than 3500 students getting groomed as future human resource. We have robust mechanism to monitor effective and efficient utilization of resources for development of academic processes and infrastructure.

Resource Mobilisation:

1. **Promoter's Contribution:** ERD Foundation, the promoter of the university contributes to around 8% of the resources.
2. **Student Fees:** The major source of fund is generated through the fees received from students which includes the admission, examination and tuition fees which is almost 85%. The Fees structure is decided on recommendation of Board of Governors based on internal financial strength.
3. **Bank Loan:** Time to time Bank Loan is availed to facilitate funding of expenses.
4. **Bank interest**: The interest from the bank, which is almost 2%, is utilized for internal research activities of the university.
5. **Grants from Government & Non-Government Agencies**: The University seeks to mobilize government and nongovernment grants for the improvement of its knowledge resources and institutional infrastructure, which is estimated at 2%. Proposals for same are submitted to relevant authorities like UGC, DST, DBT, ICSSR, MoFPI, MoMA, NSS, EDII, State Government, etc.
6. **Alumni Contribution**: The University engages with its alumnae in exploring revenue-generation avenues, some of which have borne fruit and adds up to about 1%.

7. **Consultancy, Training& Miscellaneous**: Consultancy and corporate training assignments are taken up for exposure and revenue. These along with miscellaneous incomes add up to 2%.

Resource Utilization: The infrastructure of the University is utilized imaginatively and to the optimum.

- **Building, Roads and Horticulture:** Depending on the intake planned the infrastructure is kept upgraded every year. The campus roads are planned and green cover is maintained to connect with environment.
- **Computer Laboratories:** The laboratories accommodate multiple related courses. The Time tables are made in such a way that the all the departments can utilize the computer labs for their curriculum.
- **Seminar Halls& Auditoriums:** The Seminar Halls, Multipurpose Halls and the Auditoriums with optimum usage by prior booking by departments.
- **Libraries:** The University has a Central Library along with departmental libraries. The Central Library functions as a composite knowledge resource centre and is an example of optimal infrastructure and time utilization.
- **Sports and other amenities:** We have various outdoor and indoor sports facilities with trained and experienced coaches available.
- **Outreach and Welfare:** We consciously allocate our resources to conduct social connect and contribution, creating relevance for the academic process.

Procedures for Resource Mobilization:

- The **Board of Governors** approve the annual budget of the University
- The **Board of Management** regulates and administers the revenue and property of the university.
- **Finance Committee** examines and monitors the accounts and scrutinizes the university proposals for expenditure and the **Finance Officer** is responsible for formulating the annual budget of the university.
- **Internal Audit** is conducted by independent Chartered Accountants regularly.
- The **Statutory Financial Audit** compliance is conducted by chartered accountant every financial year.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 75

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	9.47	28.03	37.50

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 303.92

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
274	18.9	8.02	3.0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.4 Institution conducts internal and external financial audits regularly

Response:

The University has a system of Internal and External Audits to ensure adequate control and compliance which is objective and transparent.

Internal Audit:

Internal control is an integral part of the financial transaction processing at USTM. The internal control structure is very simple but effective. Transaction processing at Accounts department is the first level of control where all aspects of validating a transaction from budget provision, adequacy of requisition, supporting documentation, authorization and approval, vendor account history etc. are checked before entering a transaction in the Accounting system.

Second level of control is a system of quarterly audit. An independent auditor team thoroughly audits each and every payment and the supporting documentation. The auditor checks each aspect of control from adequacy of requisition, documentation, and authorization and approval perspective at each stage of transaction to ensure propriety of the payments.

Observations / queries raised by the auditor are given back to Accounts Department. Accounts department follows up with the concerned section to properly address auditor's queries by providing the requisite additional supporting documentation, authorization or corroborating evidence.

Finance Officer monitors the correction of deviations, if any, to update the Finance Committee and Sponsors through Board of Governors.

Finance Officer randomly checks and queries on the payment before payments are prepared for final sign off from the authorized signatories. Such segregation of duties acts as a strong control over financial transactions. Apart from this, there is also a system of random testing of transactions / expenses as and when a need is realized to review the expense pattern in a particular segment of cost. Such reviews are done internally and informally to initiate necessary action, wherever required.

External Audit

There is also a well-defined process for external audit of the books of Accounts of the University. Once a year External Auditors critically review the books of accounts and analyse the receipts and payments as per the applicable auditing standards and statues to ensure proper and timely compliance of applicable statutory and regulatory requirements. External auditors discuss observations and findings with the Accounts team on a regular basis to seek additional information and explanations to satisfy themselves on the financial statements. The Auditors periodically discuss the audit progress with the Finance Officer to address bottlenecks, if any, for the completion of audit as per the plan. Audit adjustments, as advised by the auditors are passed in the books of accounts to the satisfaction of the auditors. External audit is closed with a final debriefing meeting wherein all necessary explanations and justifications are provided to the auditors. Based on auditor's and Sponsor's satisfaction, audited accounts are signed off by auditor and the Sponsors.

Audits done :

- 2014-15Conducted by SASD & Company, Chartered Accountants
- 2015-16Conducted by SASD & Company, Chartered Accountants
- 2016-17Conducted by SASD & Company, Chartered Accountants
- 2017-18 Conducted by SASD & Company, Chartered Accountants
- 2018-19 Conducted by SASD & Company, Chartered Accountants

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

Response:

In a higher educational institute, success depends on empowerment of youth which is possible through appropriate curriculum design, counselling, familiarity with new areas through better faculty intervention, adequate administrative support. The IQAC established in 2012has been significantly contributing in the areas such as Curriculum design and Development, Students Services, Professional Development Initiatives for Faculty and Administrative Staff,Innovative Practices both in Academic and Administrative Domain, Internal Promotion and quality enhancement, Career Counselling and Competitive Examinations etc.The two institutionalised practices as a result of IQAC initiatives are described below:

1. HOLISTIC DEVELOPMENT OF STUDENTS

Under the patronage of IQAC, a dedicated team comprising of faculty and administrative staff provides counselling to the fresh students right from the time of admission in order to choose the appropriate programme of study. Based on the recommendations of IQAC, the university has developed several Centres each comprising of multiple forum/cell in order to provide overall support towards the holistic development of the students.These are:

- Center for Career Guidance(CCG)
- Counselling Cell,
- NET Forum,
- Training and Placement Division,
- Coaching and Guidance Cell,
- Hoque 20 for IAS Coaching,
- Students Activity Centre (SAC)

These forum/cell take care of the diverse services of students community towards achieving their goal.

Further free coaching facilities for students at all levels and unique Pay Back Policy of total course fee for all students who are successful in national level competitive examination is one of a kind of initiatives by IQAC.

2. ASSESSMENT AND PERFORMANCE EVALUATION:

IQAC has developed a model for the Assessment and Performance Evaluation of Departments (DAPE) and Assessment and Performance Evaluation of Faculty (FAPE). The DAPE is based on set criteria which takes in to account the overall performance of the department inconduct of Seminar/Workshop/Conference, Lectures by invited speakers, Industrial and institutional visit, Publications, MoU implementation and collaboration, Welfare activities, Projects, Placement, Patents & Research, Competitive Examination, Extra Curricular activities.

FAPE is based on the parameters of student's feedback, Attendance, Publication, Event Contribution, Linkage/Promotion/MoU implementation, Student enrolment, Project Proposal, Punctuality, Achievement, Student care and monitoring, Professional correspondence, Lesson plan and Syllabus accomplishment.

On the basis of scores of FAPE and DAPE, both the departments are awarded with cash and in kind which are found to help the departments and the individual faculty to perform better and counselling, familiarity

improve in overall quality day by day.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: E. 1 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of University	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

Being a relatively new University, a continuous improvement in academic disciplines,administrative functioning as well as infrastructural facilities, has been imperative to reach the present level.IQAC has developed a strong mechanismby involving different stakeholdersin order to enhance the overall quality and progressive growth of the university. Qualitative issues related to academics received the highest priority.Further, current demands of academic programmes also received due focus in making choices.The major incremental improvementwhich took place in the last five years are as follows:

1. Academic disciplinesand allied facilities:

New programmes have been introduced both in UG and PG Levels under various disciplines as given below:

2014-15: Bachelor of Education (B.Ed)

2015-16: BSc Food Science and Technology (BFST)

2016-17:B.ScChemistry (BSC), M.Sc. Physics (MSP), B.Sc. Botany (BSB), B.Sc. Zoology (BSZ), MA Political Science (MAP), B.A. English(BEN).

2017-18:B.ScPhysics (BSP), BSc Microbiology(BSM), B.A. Political Science)

2018-19:BSc. Microbiology (BSM)

Introduction of new programmes has reflections in number of students which increased gradually as 1284in 2014-15, 1942 in 2015-6,2485 in 2016-17, 3108 in 2017-18 and 3516 in 2018-19. Corresponding increase in teaching staff as83 in 2014-15, 102 in 2015-16,134 in 2016-17,158 in 2017-18 and 185 in 2018-19. Teaching staff were chosen with adequate qualifications to confront new age teaching learning challenges.

During the last five years, addition and up gradation of laboratory facilities, computer and internet facilities, ICT enabled teaching learning tools and university Learning Management System(LMS) have been made. Many student centric provisions such as soft skill and quantitative aptitude training as well as coaching facilities for various competitive examinations have been created.

Faculty improvement programmes have been organised to empower faculty to meet new challenges emerging in higher education scenario. Faculties are also encouraged to participate in workshops, conferences both national and international level by providing financial support and other incentives. Adequate professional training were provided to administrative and operation staff.

2. Infrastructures facilities and Administrative Support System:

In order to provide infrastructural support to new programmes during these years, number of well-furnished buildings have been constructedto accommodate facilities such as Central Instrumentation Facticity (CIF),Lecture Capturing System, and Media Canter with sophisticated Editing Facility, Seminar Halls and Auditoriums and the ICT enabled classrooms.

Development of techno cultural and sports facilities coupled withnumerous co-curricular activities have been made for holistic development of students. Several measures have been taken to improve administrative functioning which include introduction of automation in Examination, Admissions, Financeand Accounts, Digital Attendance System for studentsand faculty as well as implementation of RFID based Library Management System.Library facilities have been enriched with 45000 new volumes along with adequate electronic resources covering all the disciplines of study.

Facilities such as Effluent Treatment Plant (ETP),Solid Waste Management Plant, Rain Water Harvesting System, Waste Water Treatment Plant,Solar Plants and standalone Solar Street Lights have been installed.

Addition of state of the art Central Auditorium with 3500 capacity is the latest introduction during 2018-19.

File Description	Document
Link for Additional Information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Gender equity and sensitivity at USTM is reflected in the set of guidelines, initiatives and logistics. Our priority is to sensitize equity and prevent the gender specific injustice. Some of the activities, facilities and initiatives are as follows:

MONITORING ON SAFETY & SECURITY:

- **Anti-Sexual Harassment Committee:** USTM has a strong and clear set of rules codified in the form of **Anti Sexual Harassment Committee** with a view to provide safety to all women, students, faculties, administrative staff and operational staff. It is worth mentioning that USTM has 75% women faculty members and administrative officials and 55% girl students.
- **Security Personnel** are deployed in front of each block and also all the hostels round the clock.
- **Continuous CCTV Surveillance** is provided throughout the campus.
- **Adequate Lighting Arrangements** are in place throughout the campus.
- **Intercom Facility** is provided in each block so that students can connect to high officials any time.
- **Mystudent@chancellorustm** is a mobile app provided wherein students can connect with high officials on any issue 24x7.

PHYSICAL FACILITIES

- **Common Room for Boys & Girls in each Academic Block** with all the necessary facilities are provided.
- **Adequate number of Washrooms and Toilets** for girl students and lady faculties in each block.
- **Day Care Centre** is established equipped with trained nurses and care-takers for the young children of the faculties and staff.
- **Medical Facility:** USTM has senior lady doctor and female nurses to look after the health needs of the girl students and lady faculties and staff.
- **Wardens & Floor Coordinators** is allotted to each girls' hostel and each floor of the hostel full time.
- **Transportation:** Buses are provided for girl students and female faculties and staff for commuting.

ACADEMIC ACTIVITIES:

- **Reservation**: 50% of the seats in all academic programs are reserved for girls.
- **Women's Driving School** is established by USTM for offering training to its faculties, staff and students.
- **Competitive Examinations:** Girl students of USTM are motivated to opt for competitive examinations. Proper guidance and facilities are provided for the same.
- **Counseling & Orientation:** At USTM, counseling starts before admission. Since our students come

from remote rural areas of North East, many of whom are first generation entrant to an institute of higher education, it is necessary that the girls and their parents feel that the environment at the campus is fully protective. A Student's Counselor is always available for consultation on any personal issues.

- **Awareness Programs:** Every year USTM celebrates International Women's Day (8th March), International day for Girl Child (11th October), National Girl child day (24th January) among other occasions.The University conducts regular events and programs on gender sensitization in the neighbouring villages also.
- USTM has a **Women Empowerment Forum** which provides for interest free marriage loans, car loan etc along with organizing other welfare activities.
- A **Gender Audit** is done every consecutive years and the suggestions are adhered to so as to enhance the facilities for girl students.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**

- **Hazardous chemicals and radioactive waste management**

Response:

As the University is growing, the volume of the degradable and non degradable waste is also increasing. We ensure that the students and staffs are sensitive to environmental issues. The management has taken all necessary measures to implement proper waste disposal system.

SOLID WASTE MANAGEMENT

- Putting dual dustbins for organic/biodegradable waste and non-degradable/recyclable wastes.
- Collecting and handing over all recyclable wastes like plastic, metal glass etc. to concerned people for recycling
- Installed Organic Waste Composting plant with a conversion capacity of 150kg per batch to convert organic wastes to manure for in-house use.
- A Portable Bio Gas Plant has been installed to manage the waste produced from the hostels. It produces Methane gas which is used for cooking purpose and the liquid sludge from it is used as manure in the gardens.
- A Vertical Hydraulic Scrap Baling Press Machine is available in the campus for recycling non-degradable and recyclable wastes like paper, plastic, metal etc. The scrap from the baling machine is then handed over to authorized collectors for Re-cycling purpose.

LIQUID WASTE MANAGEMENT

- Residents are always encouraged to use water judiciously so that water is not being wasted and less waste water is produced.
- Effluent Treatment Plant (ETP) with a treatment capacity of 5000 litres per day with the effluent flow rate of 250 liters per hour to treat the liquid waste is utilized filtration and recycling of the liquid waste.

BIO MEDICAL WASTE MANAGEMENT

An authorized Bio Medical waste collector has been appointed, who in turn collects the segregated Bio Medical Waste (within 48 hrs) generated during the biological practical's or during dissection (if any) of living organism or in any research activities pertaining thereto or in the production or testing of biological organism.

WATER RECYCLING SYSTEM

- The waste water generated from different hostels and blocks are treated through Effluent Treatment Plant (ETP) and reused for watering saplings/greeneries and vegetables cultivation of the campus.
- The water collected through rain water harvesting is also filtered and used for gardening and construction work.

HAZARDOUS CHEMICAL WASTE MANAGEMENT

The university has a well-defined policy to handle Hazardous Chemical after using in the laboratory for experimental purpose. *Hazardous waste* is treated as per the advice of expert committee constituted before

use of such hazardous chemical. Usually these are treated by Chemical methods which include ion exchange, precipitation, oxidation and reduction, and neutralization before it is send to the ETP for further treatment.

E-WASTE MANAGEMENT

- Repairing and re-using of technological devices
- The non-reusable electronic devices are then segregated into chemical and non-chemical e waste and store them accordingly.
- Instead of dumping the un-usable devices in the garbage bins, the university has a policy of urban mining. E-waste is collected by authorized recycling organizations and they give necessary certifications in this regard.

These waste handling methods helped to create a clean, sustainable and cost effective operation of the university campus and in turn reduce the carbon footprint.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**

5.landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	
Geotagged photos / videos of the facilities	
Any other relevant documents	

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	
Certification by the auditing agency	
Certificates of the awards received	
Any other relevant information	

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Disabled-friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Since its inception, USTM is committed to upholding and promoting the values of inclusion and pluralism. As an institution, it has demonstrated tolerance by means of considerable and consistent efforts in fostering an inclusive, multicultural and diverse environment to its stakeholder—faculty, staff and students; tolerance and equality of opportunity to all irrespective of race, ethnicity, age, gender, sexuality, socio-economic status, religion and disability.

Neighborhood Mission

Under this inclusion initiative, the indigenous people of the hilly backward villages near the campus are provided gainful employment (non teaching staff) in the institution, regular free health check up, plantation drives in the villages, social awareness drives, free education in the institution apart from developing a model village in the area.

Local Festivals

The Institution observes local festivals like Wangala (Garo community), Nongkrem (Khasi community) etc. and get together meets to promote tolerance and harmony amidst the people.

Gender Initiatives

Special thrust is put on development of women and 90 % of the girl students of rural areas studying here are getting benefits in admission and scholarships and freeships. The institution reserves 50% seats for girls while nearly 75% employees in the institution are female.

North East Graduate Congress

The institution provides a wide platform for all the college and university students of the region through its annual flagship event 'North East Graduate Congress' and puts effort to cultivate harmony among the students of various communities and backgrounds.

Cultural Procession

The institution undertakes efforts to showcase the cultural heritage of the nation by organizing cultural processions every year including all communities of the North East.

Regional Language Lab, Art Gallery

In collaboration with the Asom Sahitya Sabha—the apex literary body of Assam, a Directorate of Language was established that works on research on regional languages. Masters programme in Khasi Language has also been introduced. The PA Sangma Chair Prof. for Tribal Studies under the Department of Sociology is functioning in full swing. Apart from an Art Gallery, the theme song of the Institution incorporates different languages of the region as a testimony to its commitment to values of inclusion.

Talks & Workshops

Talks and workshops by eminent persons are organized from time to time with themes like tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities.

Free Education, Skill Training

The Institution gives scholarships and free ships to deserving students irrespective of race, religion or ethnicity. It has showed respect to the stalwarts of various communities by offering scholarships/fellowships in their names.

Academy for Physically Challenged

'I Can I Will Academy' was opened to provide free education and skill training to those who are differently abled in the society.

All religion prayer Meet

All religion prayer meets are organized to pay tribute to great personalities or for any other purpose of common human interest, peace and take inspiration from lives of great men and women so as to inspire students and inculcate the values of inclusion that USTM is inherently committed to.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

USTM is firmly committed to the founding values and ideals of the Indian Constitution and these values, it seeks to disseminate and inculcate in the students and stakeholders though various mechanisms, institutional arrangements and events.

Human Rights Awareness Programme

Awareness Programmes on Human Rights were conducted by the institution in collaboration with Meghalaya Human Rights Commission to emphasize upon the importance of Human Rights and the need for individuals to be aware of their rights and duties.

Awareness of Voting Right

Institution organizes street plays and talks to make the students aware about their Constitutional right of Universal Adult Franchise in order to make them responsible citizens.

Awareness of Various Laws

Programmes are undertaken to sensitize about various laws and their uses which can aid the students and employees while exercising their Constitutional rights and duties.

Awareness of Constitutional Duties

Talks and workshops are organized by the institution on Constitutional duties, human rights and values in the light of the Constitution where lectures are delivered by Professors and Vice Chancellors of law universities.

Course on Human Values

A course on human values and professional ethics has been introduced to equip the students with basic human values and professional ethics. It is a non-credit compulsory course. Indian Constitutional Values like Fundamental Rights and Duties, Freedom, Equality, Fraternity, Justice; Directive Principles of State Policy etc. are included in the syllabus.

Celebration of Days

The institution has conceived an Events Calendar which encompasses days, events and occasions of significance of local to global importance. A thriving and vibrant Cultural Forum in association with the Events forum administers and executes these events in association with respective Departments or the entire University, as the need may be. This sensitizes and inculcates the essential foundational values enshrined in the Constitution. From National events like Independence and Republic Day, events focusing on Science Day, National Unity Day, World Environment day are observed, commemorated and celebrated with befitting stature collectively to manifest these values among the stakeholders.

Symposiums, Seminars, Workshops and Talks

Various national and international seminars, workshops, talks by experts are organized by the Institution to

promote values. Visits by eminent personalities and their deliberations to the USTM community have contributed to inculcate the values and duties of a responsible citizen.

Annual Thanks Giving

An Yearly Get Together over lunch is organized where right from the support staff, the teachers, students, to the Vice Chancellor and the Chancellor—all mingle in one platform and express love, respect and gratitude to each other, celebrating the Constitutional values of fraternity.

Promoting Human Values

The Institution has showed exemplary instance in showing respect to rights of citizens and promoting duties and responsibilities towards the needy by upholding and promoting social justice through interventions such as free education as well as specially designed academic and vocational programmes for cultural, sports persons and the differently abled students.

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

USTM has a mission to build a better India where brotherhood, peace and harmony exist, so students here mingle irrespective of region, faith and communities. Both national and international commemorative days, events and festivals are organized and celebrated. Programmes like tributes, talks, debates, quiz and various cultural presentations and exhibitions are organized involving students and teachers to instill

thoughts of great personalities into the young minds of the students. The presentations bind together the cross-cultural communities while the exhibitions have helped inculcate an intense passion for science, innovation and research. A pluralist approach is practiced towards all religions and functions are organized where students and faculty members are encouraged to showcase this spirit. Few of the events observed by the institution are:

Republic Day &Independence Day

Every year USTM celebrates Republic Day and Independence Day by hoisting the tri-colour and organizing various sports, cultural and co-curricular events and competitions among students and staff in the campus.

National Science day

National Science day is celebrated in the institution on 28th February every year to mark the Birth Anniversary of Sir C.V. Raman. Talks by eminent scientists as well as science model exhibition and competitions are organized on the occasion.

Teachers' Day

Teachers' Day is celebrated in every year to remember Sarvepalli Radhakrishnan. All the teachers are felicitated while many are honoured with performance awards on the day.

Unity Day

Birth Anniversary of Sardar Vallabhbhai Patel is celebrated on 31st October as National Unity Day (Ekata Divas) every year. Cultural event is organized to showcase the various cultures and communities in the region and the bond of unity.

Engineers Day

The university celebrates Engineers Day on 15th September in honor of Bharat RatnaMokshagundam Visveswaraya. A reputed scientist delivers talk on that day.

Gandhi Jayanti

Gandhi Jayanti is celebrated by paying tribute to the Father of the Nation. Cleanliness drive is organized on the occasion.

Festivals

Festivals like Bihu, Saraswati Puja, Eid, Christmas, etc. are celebrated to maintain brotherhood and harmony among the stakeholders.

Some other significant days and events organized by the Institution include:

Tirot Sing Day, Rabindra Jayanti, Death Anniversary of A. P. J. Abdul Kalam,Tithi of SrimantaSankardev, National Sports Day, National Students' Day, Death Anniversary of Dr. Bhupen Hazarika, PA Sangma,

Birth Anniversary of Albert Einstein, Death Anniversary of Stephen Hawking, Children's Day, International Women's Day, World Human Rights Day, Biodiversity Week, Lal Bahadur Shastri Divash, National Youth Day, Netaji Day, World Cancer Day, Social Justice Day, PI Day, World Consumer Rights Day, World Social Work Day, World Poetry Day, World Day for Water, World Autism awareness Day, World Earth Day, Shakespeare Day, National Panchayat Raj Day, National DNA Day, World Intellectual Property Right Day, International Energy Day, National Technology Day, World Environment Day,International Day of Yoga, World Population Day, National Library Day,International Day of Democracy, International Day of Peace, World Wildlife Day, World Food Day, World Diabetics day, World AIDS Day, National Mathematics Day, National Consumer Rights Day.

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

 Best Practices- I

1.Title of the Practice: "PAYBACK POLICY- to boost competitiveness"

2.Objectives

- In tune with the vision of USTM to unveil excellence, this policy seeks to create awareness besides incentivizing merit and effort towards excellence by the students, particularly those from the deprived sections in various competitive examinations so that their participation in the public and private sector increases exponentially besides becoming role models of excellence for their peers, community and society.
- To provide quality, in-house orientation, guidance, training and coaching to aspirants.
- To muster support for conduct of coaching from eminent administrators, academicians and professional experts for preparation of competitive examinations like NET, GATE, SLET, UPSC and Provincial Civil Services.

3.The Context

The number of aspirants appearing in competitive examinations is increasing day by day leading to cutthroat competition with razor thin margins for success. It therefore, demands, aspirants to be equipped with the necessary skills, motivation and orientation to come out with flying colours.

The Centre for Career Guidance, USTM has been established to streamline the activities related to competitive examination (UPSC/NET/GATE/SLET/StatePSC/Banking/SSC) and to provide coaching & guidance to the aspirants so that necessary skills are honed, weaknesses rectified and capacities built for success.

4.The Practice

The Payback Policy was launched in 2014 with the motto "Crack Competitive Examination & Get Back Entire Fees", the. Successful aspirants who achieve success in the designated competitive examinations have their entire course fee paid back to them in a glittering, gala felicitation programme as a recognition of their hardwork and commitment to excellence which USTM stands for and fosters

- **NET FORUM:** The NET Forum of USTM provides coaching to the aspirants of UGC-NET/CSIR-NET/GATE/DST INSPIRE Fellowships free of cost with the involvement of experts from within and outside the institution.
- **The Centre for Career Guidance** has introduced a turnkey course on BA Administration & Governance which was launched in 2019 which is designed to help aspirants to prepare for UPSC examinations holistically along with graduation. The Centre under the scheme Hoque-20 identifies 20 brilliant students who are given rigorous coaching on Civil Service Examinations. With several achievers each, Hoque 20 has also produced Toppers like Maria Tanim (APSC-2016).
- **FREE COACHING**: USTM provides free coaching to all the in-house aspirants of competitive examinations with eminent faculties, experts etc alongwith wholesome free refreshments.
- **DEDICATED LIBRARY:** A well-stocked library with the latest books, references, journals and resources for competitive examinations etc is established for the students.
- **RESOURCE PERSONS:** Apart from the in-house faculty members, guest faculties and experts from various universities, in-service/retired IAS/IPS officers, young civil servants frequently guide the aspirants.
- **DOOR-TO-DOOR BUS SERVICES:** Special Bus Shuttle services are provided to all the students who are availing the coaching.

AWARDS FOR THE ASPIRANTS:

- Enrolled students or passed out students (within 6months) gets back their entire fees from 1st semester to last semester including Admission Fees.
- Alumni within 1 year of completing Masters get back 50% of their entire fees and 25% within 2years.
- Student qualifying IAS gets Rs 5,00,000/-, IPS gets Rs 3,00,000/- and IRS & Allied Services gets Rs 2,00,000/-.
- Student qualifying GATE gets a cash award of Rs 50,000/-.

5.Evidence of Success

This policy has reaped rich dividens:

Students Qualifying NET/SLET/GATE/Civil Service etc

Year	Student
2014-15	49
2015-16	57
2016-17	63
2017-18	80
2018-19	74
Total	324

Qualified Students

6.Problems Encountered and Resources Required (150 words)

Getting Experts for coaching classes during working days had been a setback initially but was overcome with classes organized on Sundays and Holidays. Resources are required for the purpose including honorarium for Experts and Guests faculties.

7.Notes:

It is observed that the representation of candidates in NER is pitiful in the higher echelons of bureaucracy, governance and policy making. The result of this lacunae is that emphatic solutions to these issues are not found. By motivating and incentivizing the students of NER to appear and qualify in competitive examinations, USTM is providing the required human resource for development of the region thereby accelerating the nation building process. This is a pivotal crux of its vision of excellence leading to a world

class institution.

Best Practices-II

1.Title of the Practice: "*North East Graduate Congress- Empowering Graduates*"

2.Objectives

- To prepare, orient and enhance all round development of the future graduates specially hailing from remote rural areas of North East Region through various life skill sessions.
- To bring out the inherent talents of the undergraduate students from acrossthe NE region and expose them to various opportunities and guidance of career possibilities.
- To connect all the institutions of North East and facilitate convergence and sharing of thoughts and new ideas.
- To facilitate the aspiring and budding youth to have direct interactions with renowned academicians, educationalists, industrialists and entrepreneurs.

3.The Context

With an aim to create awareness among rural masses to the farthest corner of the North East Region for higher education, achieve sustainable resolution of unemployment and poverty and facilitate and strengthen the economic growth of NE Region by providing skilled manpower thereby empowering the society through education, USTM conceptualized a very unique initiative, "The North East Graduate Congress (NEGC)". It is a unique confluence of student community of undergraduate level assembling in a single and massive congregation.

4.The Practice

NEGC was started in the year 2012 with participation of 700 students from across the colleges of North East India. Today, this annual 3-Day long flagship program sees a participation of more than 10,000 students, 300 colleges from 8 states, 30+ ethnic communities and languages across the NE region coming together to gain knowledge about the various new career options, enhance their inherent skills, be innovative and discover their hidden talents.

The Event packed program includes the following Technical and Life Skill Sessions and Competitions:

Entrepreneurship & Capacity Building:

NEGC has worked as a catalyst for making the graduating students understand the necessity of youth entrepreneurship. Renowned Entrepreneurs are invited to share their experiences besides knowledge of Government schemes and initiatives.

Competitive Examinations & What Next?

Expert Career Counselors are invited for the session to guide the students in selecting the appropriate career for them. Experts also take up with the participants the various aspects of competitive examinations.

Personality Development & Soft Skills:

This session helps the participants develop an impressive personality and helps in improving their communication skills and master the art of expressing their thoughts and feelings in the most desired way thereby making them confident to embrace their inner potential.

Youth, Politics & Corruption:

Youth are the harbingers of change and leaders of tomorrow and play a constructive role in establishing a developed society. The Panel Discussion on "Youth Politics & Corruption" is organized with this view with partitipcation of eminent personalities.

Competitions & Talent Search:

The NEGC also provides a platform for the budding talents of the region, be it Sports, Cultural and Co-curricular activities where participants from various colleges of NE enhances their talents and showcase their prowess through various events and competitions.

5.EVIDENCE OF SUCCESS

The various technical sessions and competitions of NEGC had the following outcome:

- The Personality-Development and Career-Guidance Session have positively benefitted the students coming especially from the rural institutions.
- Another outcome of NEGC is that the Gross Enrollment Ratio of Students of the NER has increased in higher education, especially in skill based and professional courses.
- Participation, quantitatively and qualitatively has increased exponentially.
- NEGC has been successful in providing a platform to the sports and cultural talents from all across the NER.
- The NEGC had emerged as a best practice which many institutions are now following by organising such festivals at their colleges.
- The growth of participation in NEGC from 700 students in 2012 to more than 10,000 students in 2019 from all across the North-East is itself a big success.

6.Problems Encountered and Resources Required (150 words)

The major difficulties were logistical- facilitating communication and transportations and providing accommodation for the huge number of participants. These issues were resolved systematically and with precision.

Another bottleneck was mobilization of substantial funds for the congregation which was also resolved collectively through the participation of the institution;s stakeholder such as bankers, contractors and vendors.

7. Notes:

The conglomeration of such cultural diversity fosters a sense of tolerance and harmony amongst the participants which fulfills the essence of NEGC and has been successful in making USTM a People's University.

USTM had always prioritized humanism, tolerance, reason, adventure of ideas and search for truth. It is a place of ideals and idealism and with a major thrust in nation building through enriching science, technology, humanities and arts by providing value based education to students to make them moral responsible citizens and mature leaders. Thus, the NEGC actually resonates the vision of USTM in its march towards excellence with collective participation and outreach to emerge as a world class destination for education.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

"USTM is facilitating the networking of academic administrators , institution builders and participation of eminent stakeholders to brainstorm on policy matters of higher education from the local to global in the light of Act East Policy and to become one of the best universities among India's Northeast and ASEAN countries by 2030 "

To contribute in the process of nation building by participating in the mission for higher education of the Government of India has been one of the major thrust areas while conceptualizing the strategic plan of USTM. In order to seek ways and means for the same, adapt and adopt best practices and so on, USTM has adopted the participatory model involving various experts and stakeholders, intellectuals and laureates from diverse disciplines to brainstorm and deliberate on the various facets and contemporary issues relevant to education.

- **NER Vision 2020: Role of Universities and Research Institutions**

USTM from its inception has brought together eminent academicians and academic administrators together. One such initiative was the NER Vision 2020 set by Dr APJ Abdul Kalam, which saw an amalgamation of former Vice Chancellors and Academic Experts from across the countrycoming together unanimously in their view that higher education be effective and useful, must be need-based and research oriented in addition to being innovative and enlightening.

- **North East College Principals' Conclave**

The day long conclave witnessed the presence of Vice Chancellors of NE Universities, Principals of Colleges and Academic Administrators from higher education as well as academicians of repute.

The 1st Conclave was graced by **Dr APJ Abdul Kalam**, Former President of India where he addressed

and interacted with the more than 1500 College Principals along with vice chancellors and Academicians. He urged upon the Principals to emphasis on Science & Innovation to be cultured in educational institutions for the greater benefit of the students of the region as well as the country which will a step towards technological advancement to make India a developed country.

- **UGC Chairman with VCs & Principals of Colleges of NER**

The Chairman of UGC Prof. Ved Prakash and Shri Kiren Rijiju, the Hon'ble Union Minister had addressed the Vice-Chancellors of Central, State as well as Private Universities and Principals of Prominent Colleges of North East Region at USTM on the 11th March 2016. Prof Ved Prakash stressed that the universities should provide additional facilities for the students and diversifies the curriculum, so that our students can cope up with the present job market and also stressed on the importance of entrepreneurship training at the universities.

- **Round Table Discussion on Higher Education & Research in the Perspective of NE India & Bangladesh**

A team of 21 members from Northeast took part in a Round Table Discussion on Higher Education & Research in the Perspective of NE India & Bangladesh organized by USTM in association with University of Dhaka and Bangladesh University of Health Sciences.

- **Memorial Lectures towards science and innovation**

USTM has initiated this Memorial Lecture in 2016 with the purpose of notjust to pay homage to the People's President, but to re-enkindle the memory of Dr. Kalam's visit to USTM, to the students who spend time in USTM and to dedicate ourselves for achieving the goals and objectives that Dr. Kalam had set before us, ie. 'Freedom, Development and Stand up to the World'. Dr A S Kiran Kuman, Chairman ISRO, Dr BS Tomar, Director, BARC and Dr Abdul Manan, Chairman, UGC-Bangladesh have delivered the 1st, 2nd and 3rd Lectures respectively.

- **Nobel Laureate stresses on social perspective**

During an interactive session with the students at USTM, Nobel Laureate Kailash Satyarthi urged that higher educational curriculum should highlight the social perspectives of the nation and include significant issues like human trafficking, slavery and child labour.

Bilateral Collaboration Opportunities in the field of Higher Education between Bangladesh & NE India

A Panel Discussion was organized by USTM in association with the High Commission of Bangladesh at Guwahati where Shri Siddhartha Bhattacharyya, Education Minister of Assam, Prof Abdul Mannan, UGC Chairman, Bangladesh and Vice Chancellors of universities from the North East took part to explore different avenues of bilateral collaboration specially in the field of culture, education, sports and joint research involving universities of Indian north east and Bangladesh

International Convention of Vice Chancellors(ICVC)-2019

With the goal of improving mutual understanding between NER India and Bangladesh as per ACT East

policy by setting a platform for bilateral communication, cooperation and collaboration in higher and tertiary levels of education, the International Convention of Vice Chancellors (ICVC-2019) of Universities of Bangladesh and North East India was hosted by Shahjalal University of Science and Technology, Sylhet under the patronage of University Grant Commission, Bangladesh and USTM in April, 2019 at Sylhet. It was attended by more than 100 Vice Chancellors of universities, apart from Directors of institutions; top researcher's from both countries. The Convention has unanimously decided to form an international education corridor and work collaboratively towards promotion of higher education, culture, brotherhood and peace.

Brainstorming Session on New Education Policy -2019

A galaxy of Vice Chancellors of north-eastern universities, stakeholders, Directors and representatives of educational institutions from the north-eastern region gathered together at USTMin a brainstorming session on the National Education Policy-2019 and discussed about the massive change and restructuring of the existing education system. The proceedings of the session were submitted to MHRD, UGC and Chairman of NEP. It has been appreciated by Hon'ble Chairman NEP.

SEANNB-INE University Council

Relationship between South East Asia and NER perhaps goes back far back centuries. India's Act East Policy also focuses on the extended neighborhood in the ASEAN countries. USTM had decided to initiate the process through collaboration and cooperation of Universities of this region through exchange in education, culture, sports, literature, history and heritage. In order to give shape to this, SEANBB-INE University Council is formed which would lead for collaborative work with institutions of the neighbouring South East Asian countries. The first conclave will be tentatively held after October 2020

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Additional Information: The Founder & Humble Beginning

It is said that the journey of a thousand miles begins with a single step. In the case of Mahbubul Hoque, the founder-Chancellor of University and Science and Technology, Meghalaya, it began with a single computer, four students and a meager amount of Rs.85 at the dawn of the millennium in 2001.

Having been orphaned at a tender age, struggle came to him as an inheritance. Poverty and ceaseless struggles followed. From a nondescript village of the district of Karimganj in Assam to the hallowed corridors of AMU, the Chancellor's journey of a thousand miles had begun. Starting with 2nd Topper in his Matriculation examinations, then onwards to 10+2 and Bachelors in Chemistry, he then went on to pursue higher education at the AMU. At Aligarh, he displayed exemplary academic flair, securing the 2nd Topper in the department of Computer Science.

Relinquishing lucrative offers for employment, he returned homeward. Once back in Assam, the idea of institution building germinated- the entrepreneurial journey took root. To nurture this dream, he assembled computers and endured trials and tribulations; the idea blossomed, he galloped on in his journey.

The first flowering of this vision was the setting up of Central IT College with a single Computer and 4 students; the vision was nurtured and soon enough, the centre achieved laurels as the Second Best study centre in the whole country.

The journey picked up full momentum, he persevered and persisted, impediments were tackled head on; the journey still goes strong even as the vision of establishing a word class institution of higher learning has taken wings through the University of Science and Technology, Meghalaya which has brought affordable yet cutting edge education to Northeast India through the model of a private university exhibiting the ethos of a public institution.

Like his vision of unveiling excellence, Chancellor Hoque believes in giving back to the society the same vision- of building leaders, not products, of building institutions, not merely organizations.

Concluding Remarks :

Conclusive Explication : Spreading Entrepreneurial spirit

The journey of USTM is reminiscent of the spirit of entrepreneurship, passion and tenacity driven by an unyielding commitment to a vision of quality, cutting edge yet affordable higher education through institution building. The Indian perspective of education demonstrates that such universities and institutions of higher education generally thrive with the support of industry, endowments, corporations, political support or Government incubation. However, USTM has been sculpted entirely at the hands of a small team which has built the institution from grassroots entirely on the support and fees accrued from the students.

Another vital aspect is that a sizeable portion of the students are studying free of cost in addition to getting other support and handholding. This is unprecedented considering that despite being a private enterprise, USTM shows traits of a public university. Many of our alumni, inspired by this vision, have turned successfully to entrepreneurship, being transformed by the University ethos into a job-creator rather than a job seeker.

USTM Wish…..

With entrepreneurial Spirit we have come this far

Adopting accountability and evaluation to succeed

Striving every day for enhancing quality & excellence

"Inspiring Talents to Igniting Minds

Synergizing Ideas to Transforming Lives

Stimulating Innovations to Exploring Opportunities"

"Instilling endless effort to create our destination

following footsteps of world-class institutions"

"Inviting Intelligentsia to boost our Spirit

Recalling their Words of Wisdom written in USTM Script"

Almighty! Help us become a People's University!

Almighty! Help us to be World-Class by 2030!

Almighty! Help us work together as a great Indian Family!

Almighty! Help us to apply knowledge for the Mankind!

AMEN !

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification

1.1.3	**Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years**
	
	   1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years
	      Answer before DVV Verification:
	
	<table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>1163</td><td>1040</td><td>908</td><td>708</td><td>651</td></tr></table>
	      Answer After DVV Verification :
	
	<table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>203</td><td>269</td><td>268</td><td>103</td><td>651</td></tr></table>

1.2.1	**Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.**
	
	   1.2.1.1. **How many new courses were introduced within the last five years.**
	      Answer before DVV Verification : 1190
	      Answer after DVV Verification: 984
	   1.2.1.2. **Number of courses offered by the institution across all programmes during the last five years.**
	      Answer before DVV Verification : 5022
	      Answer after DVV Verification: 1555

1.3.2	**Number of value-added courses for imparting transferable and life skills offered during last five years.**
	
	   1.3.2.1. **How many new value-added courses are added within the last five years.**
	      Answer before DVV Verification : 105
	      Answer after DVV Verification: 105

1.3.3	**Average Percentage of students enrolled in the courses under 1.3.2 above.**
	
	   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.**
	      Answer before DVV Verification:
	
	<table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>3340</td><td>3020</td><td>2366</td><td>1748</td><td>964</td></tr></table>
	      Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2740	2317	1866	1265	854

1.3.4	**Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).**
	1.3.4.1. Number of students undertaking field projects or research projects or internships.
	Answer before DVV Verification : 2617
	Answer after DVV Verification: 1164
	Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.
1.4.1	**Structured feedback for design and review of syllabus – semester-wise / year-wise is received from**
	1) Students, 2) Teachers, 3) Employers,
	4) Alumni
	Answer before DVV Verification : A. All 4 of the above
	Answer After DVV Verification: B. Any 3 of the above
	Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.
1.4.2	**Feedback processes of the institution may be classified as follows:**
	Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website
	Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website
2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**
	2.4.3.1. Total experience of full-time teachers
	Answer before DVV Verification : 742
	Answer after DVV Verification: 522
2.4.4	**Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years**
	2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years
	Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15

13	6	2	1	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

2.5.1	**Average 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** 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** Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
13	14	14	14	14

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
14	14	15	14	15

2.6.3	**Pass Percentage of students(Data for the latest completed academic year)** 2.6.3.1. Total number of final year students who passed the examination conducted by Institution. Answer before DVV Verification : 1349 Answer after DVV Verification: 1289 2.6.3.2. **Total number of final year students who appeared for the examination conducted by the Institution.** Answer before DVV Verification : 1461 Answer after DVV Verification: 1383 Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.

3.1.3	**Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.** 3.1.3.1. **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.** Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
5	3	1	1	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
02	3	1	1	0

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
14	11	5	5	4

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2	1	1	1	2

3.1.6	**Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)**

3.1.6.1. The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.

Answer before DVV Verification : 6
Answer after DVV Verification: 6

3.2.1	**Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).**

3.2.1.1. Total Grants for research projects sponsored by the 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).

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
380.05	96.54	24.67	10.39	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	374.55	60.04	14.67	5.39

	Remark : Training programmes on Geospatial Technologies ...and other training projects are not research projects and not considered.
3.2.2	**Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).** 3.2.2.1. **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).** Answer before DVV Verification: Answer After DVV Verification : Remark : Grant for Inspire camp is for conduct of Camp and not for Research. The HEI has attached claim of Inspire Camp in 2017-18. The HEI has claimed letter of clarification in respect of a grant of 2013. The claim is not eligible.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
10	5.46	262.75	39.85	8.54

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	00	0	39.85	00

3.2.3	**Number of research projects per teacher funded by government and non-government agencies during the last five years** 3.2.3.1. **Number of research projects funded by government and non-government agencies during the last five years.** Answer before DVV Verification : 478 Answer after DVV Verification: 41 3.2.3.2. **Number of full time teachers worked in the institution year-wise during the last five years..** Answer before DVV Verification : 662 Answer after DVV Verification: 662 Remark : As per the HEI data in 3.2.1 and 3.2.2. The HEI has attached 26 projects in 2017-18, 08 in 2016-17, 04 in 2015-16 and 02 in 2014-15 in Non-Govt category and 01 in govt category.
3.3.2	**Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.** 3.3.2.1. **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.** Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15

| 27 | 29 | 24 | 20 | 15 |

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
19	13	14	15	11

3.3.3	**Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.**

3.3.3.1. Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8	11	13	11	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

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

3.4.4.1. How many Ph.D's are awarded within last five years.
Answer before DVV Verification : 36
Answer after DVV Verification: 36
3.4.4.2. Number of teachers recognized as guides during the last five years
Answer before DVV Verification : 18
Answer after DVV Verification: 18

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
140	116	76	41	31

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
26	09	08	04	03

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	Remark : Recommendations updated.
3.4.6	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**
	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 last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
51	62	36	18	09

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
50	54	36	16	09

3.5.2	**Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).**
	3.5.2.1. Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
52.87	11.50	34.12	2.45	0.74

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
52.87	11.50	34.12	2.45	0.7

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification. The HEI has issued receipts that do not have a ref No or serial number. The other financial details and the cheque details are not included. All are for business development. However since these are shown in the balance sheet, considered.

3.6.2	**Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**
	3.6.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
12	7	2	1	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
04	01	00	01	01

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification. Only awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years considered.

3.6.3	**Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs).** 3.6.3.1. **Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc. (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs) year-wise during the last five years.** Answer before DVV Verification: Answer After DVV Verification : Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification. Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs).

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
84	48	22	18	26

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
12	10	03	03	01

3.6.4	**Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years** 3.6.4.1. **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.** Answer before DVV Verification: Answer After DVV Verification :

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3311	2810	2180	1807	1160

2018-19	2017-18	2016-17	2015-16	2014-15
794	204	117	78	50

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification. Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs).

3.7.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**

3.7.1.1. **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
235	228	140	82	28

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
112	108	74	35	20

3.7.2	**Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

3.7.2.1. **Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
40	18	9	8	8

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
40	18	9	8	8

4.1.4	**Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)**

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
662.83	1911.17	923.39	476.77	63.41

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
662.83	1911.17	923.39	476.77	63.41

4.2.3

Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

4.2.3.1. Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
175.26	173.66	70.97	64.20	17.21

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
175.26	173.66	70.97	64.20	17.21

4.2.4

Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

4.2.4.1. **Number of teachers and students using library per day over last one year**
Answer before DVV Verification : 1439
Answer after DVV Verification: 1197

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.

4.3.1

Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

4.3.1.1. **Number of classrooms and seminar halls with ICT facilities**
Answer before DVV Verification : 136
Answer after DVV Verification: 135

Remark : As per the HEI statement in the response dialogue box. The HEI has provided additional data during clarification and the data is as attached with the Metric in response. Conference room is

	neither a class room nor seminar hall. Data as attached with extended Metric 4.3 has been considered.
4.3.5	**Institution has the following Facilities for e-content development** 1. **Media centre** 2. **Audio visual centre** 3. **Lecture Capturing System(LCS)** 4. **Mixing equipments and softwares for editing** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above
5.1.3	**Following Capacity development and skills enhancement activities are organised for improving students capability** **1. Soft skills** **2. Language and communication skills** **3. Life skills (Yoga, physical fitness, health and hygiene)** **4. Awareness of trends in technology** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above
5.2.1	**Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)** 5.2.1.1. **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.)***) year-wise during last five years** Answer before DVV Verification: <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>200</td><td>59</td><td>42</td><td>36</td><td>5</td></tr></table> Answer After DVV Verification : <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>23</td><td>09</td><td>04</td><td>04</td><td>01</td></tr></table> 5.2.1.2. **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years** Answer before DVV Verification: <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr></table>

205	61	44	39	7

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
205	61	44	39	7

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification. Exam of May 2014 is not eligible in 2014-15. As per the certificates provided by the HEI.

5.2.2	**Average percentage of placement of outgoing students during the last five years**

   5.2.2.1. **Number of outgoing students placed year - wise during the last five years.**
   Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
241	330	300	255	199

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
195	252	295	327	239

5.2.3	**Percentage of student progression to higher education (previous graduating batch).**

   5.2.3.1. **Number of outgoing student progressing to higher education.**
   Answer before DVV Verification : 332
   Answer after DVV Verification: 312

5.3.1	**Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

   5.3.1.1. **Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**
   Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
33	23	10	5	4

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
4	8	0	0	0

5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year**

5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
77	76	74	58	52

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
23	27	26	26	27

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.**

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
153	109	71	68	46

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
145	107	71	67	46

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
132	124	84	78	76

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15

132	124	84	78	76

6.4.3	**Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)**

6.4.3.1. Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
274.16	18.92	8.02	3.66	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
274	18.9	8.02	3.0	0

Remark : As per the HEI statement in the response dialogue box and the data attached with the Metric in clarification.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
48	48	45	35	34

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
48	47	45	35	34

1.2	**Number of departments offering academic programmes**

Answer before DVV Verification : 18
Answer after DVV Verification : 18

2.1	**Number of students year-wise during last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3516	3108	2485	1942	1284

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3516	3108	2485	1942	1284

2.2	**Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1383	1066	941	592	384

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1461	1246	1241	892	584

3.1	**Number of courses in all programs year-wise during last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1292	1198	1061	772	699

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1555	1448	1311	1022	953

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
185	158	134	102	83

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
185	158	134	102	83

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1100	1056	895	689	571

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
955	917	831	656	534

4.3	**Total number of classrooms and seminar halls** Answer before DVV Verification : 150 Answer after DVV Verification : 135

4.5	**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)** Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
2523.67	2900	1685.45	1203.1	258.3

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1318.5	544.6	356.56	439.1	153.83