



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA
• Name of the Head of the institution	Prof Dr Gauri Dutt Sharma
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	03612895030
• Mobile no	9406218401
• Registered e-mail	ustm2011@gmail.com
• Alternate e-mail address	registrar@ustm.ac.in
• City/Town	Ri Bhoi
• State/UT	Meghalaya
• Pin Code	793101
<b>2.Institutional status</b>	
• University	Private
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	Dr A H Barbhuiya				
• Phone no./Alternate phone no	03612895072				
• Mobile	9859978137				
• IQAC e-mail address	directoriqac@ustm.ac.in				
• Alternate Email address	barbhuiyaaajmal@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://iqac.ustm.ac.in/ssr/">https://iqac.ustm.ac.in/ssr/</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.ustm.ac.in/wp-content/uploads/2021/10/Academic_Calendar_2021-22.pdf">https://www.ustm.ac.in/wp-content/uploads/2021/10/Academic_Calendar_2021-22.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2021	03/11/2021	02/11/2026
<b>6.Date of Establishment of IQAC</b>			26/06/2014		
<b>7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
Applied Biology	HRD	MOFPI	2014	7500000	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			12		
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.			Yes		

(Please upload, minutes of meetings and action taken report)	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<a href="#">View File</a>
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
Deployment of IQAC Charter for department and stakeholders.	
Development of in-house software for Storage and Retrieval activity documents done as per SOP.	
Review of Activity Charter periodically.	
Series of interventions for the faculty on e-content development training.	
Standard operating procedure (SOP) created and adhere to for planning and execution of all activities of the university.	
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
Deployment of charter for activity monitoring	Focus of all activities mentioned in the charter helped us to do all the activities & more as suggested in the NAAC/AQAR manual.
Deployment of archive for documents storage and retrieval	Easy retrieval of documents department wise and stakeholder wise for activities conducted during the academic session seamlessly and submit the AQAR during the stipulated time.
<b>13. Whether the AQAR was placed before</b>	Yes

<b>statutory body?</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Academic Council	15/09/2022
<b>14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>Yes</b>
<b>15. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2020	16/03/2022
<b>16. Multidisciplinary / interdisciplinary</b>	
<p>Interdisciplinary Major (IDMj) courses, provide additional and required knowledge to supplement the major chosen for a degree. It shall be offered/floated by other relevant departments. The relevant courses from other departments shall be identified by the relevant Department Council of the parent Department with more flexibility and alternatives for students to satisfy the programme requirements.</p> <p>Examples: For Sociology UG Programme, the IDMj courses may include Indian Political Thought, Principles of Management, Social Psychology, etc. For Political Science UG Programme, the IDMj courses may include Society in North East India, Social Movement, History of Ancient and Medieval India, etc. For a Physics UG Programme the IDMj courses may include Physical Chemistry, Inorganic Chemistry, General Mathematics etc. For the Bachelor's programme with Honours/Research, a total of 56 credits shall be allotted to the DMj (40 credits) and IDMj (16 credits) courses and spread across the different semesters. For two-year Master's programme, a total of 36 credits shall be allotted to the DMj (28 credit) and IDMj (8 credit) courses and spread across the semesters. For a one-year Master's programme, a total of 12 credits shall be allotted to the DMj (12 credits) which is spread across the two semesters. For a five-year integrated Bachelor's/Master's programme, a total of 80 credits shall be allotted to the DMj (56 credits) and IDMj (24 credits) which are spread across the ten semesters. Details of the course and credit distribution are given in Table 9. Each Major course shall be of 4 credits. 12 To enrich the students with</p>	

required research skills, one research related DMj course in the seventh semester of the Bachelor's Honours/Research programme and in the second semester of two-year Master's programme may be offered

The interdisciplinary minor (IDMn) courses are to be opted by the students from other departments of their interest. The relevant IDMn courses from other departments shall be identified by the relevant Department Council of the parent department with more flexibility and alternatives for students to satisfy the programme requirements. Students may select Minor courses within the department for DMn courses and IDMn courses from other departments of their choice. Interdisciplinary Minor Courses (IDMn) Students opting Bachelor's degree in Sociology may choose interdisciplinary minor courses offered by the Department of Commerce such as Sales Management, Micro Finance, Industrial Legislation etc. For the Bachelor's programme with Honours/Research, a total of 26 credits shall be allotted to the DMn (16 credit) and IDMn (10 credit) courses which are spread across the different semesters. Each Minor course shall be of 2 credits. Details of the course and credit distribution are provided in Table 6. For a two-year Master's programme, a total of 12 credits shall be allotted to the DMn (6 credit) and IDMn (6 credit) courses which are spread across the semesters. For a one-year Master's programme, a total of 4 credits shall be allotted to the DMn (2 credit) IDMn (2 credit) courses which are spread across the semesters.

#### **17. Academic bank of credits (ABC):**

Registered to Digilocker for Academic Bank of Credits(ABC) and also approved.

#### **18. Skill development:**

Skills & Vocational Studies (SVS) Skills and Vocational Studies (SVS) shall be incorporated in the university's academic program. SVS shall be assigned 14 credits spreading across the second, third, fifth, and sixth semesters of Bachelor's programme with Honours/Research and Integrated Bachelor's /Master's programme. Details of the course and credit distribution are given in Table 6 & Table 9 for Bachelor's programme with Honours/Research and Integrated Bachelor's /Master's programme respectively. Guidelines for implementation of SVS in USTM is presented in Apprenticeship/Laboratory/Internship/Field Projects etc is a part of the Skill. As part of their course, the students shall be given opportunities to enrol for Field Project(s) in the areas of community engagement and service, Internship, Apprenticeship, and Laboratory which shall be prepared by the concerned discipline of

study. This component of the programme is allotted 32 credits Bachelor's programme with Honours/Research, 14 credits for two-year Master's programme, 6 credits for one-year Master's programme and 38 credits for Integrated Bachelor's /Master's programme. Each of these courses shall be of 4 credits, spreading across all the semesters, except the last semester of all Master's programme where it is of 2 credits.

**19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

University has introduced online courses in its regular curriculum so that students can choice from a pool of courses offered by Swayam, NPTEL, Inflibnet, Internshala, Learning digital with google, Saylor Academy, Skillzcafe. University is always emphasized on integrity through Indian Language and Culture.

**20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

The university has adopted outcome-based education system across all its programme of studies. The assessment mechanism designed through attainment of Programme Outcomes, Programme Specific Outcomes and Course Outcome 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.

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 action is 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.

#### 21.Distance education/online education:

Applied to DEB, UGC for Approval.

### Extended Profile

#### 1.Programme

1.1 Number of programmes offered during the year:	63
1.2 Number of departments offering academic programmes	21

#### 2.Student

2.1 Number of students during the year	3889
2.2 Number of outgoing / final year students during the year:	1356
2.3 Number of students appeared in the University examination during the year	3351
2.4 Number of revaluation applications during the year	27

<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	<b>1244</b>
3.2 Number of full time teachers during the year	<b>290</b>
3.3 Number of sanctioned posts during the year	<b>290</b>
<b>4.Institution</b>	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	<b>24628</b>
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>1200</b>
4.3 Total number of classrooms and seminar halls	<b>154</b>
4.4 Total number of computers in the campus for academic purpose	<b>971</b>
4.5 Total expenditure excluding salary during the year (INR in lakhs)	<b>4720</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curriculum Design and Development</b>	
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 University	
<b>USTM has constantly and meticulously pursued the best practices of developing and updating course curricula taking support from the</b>	



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 structure of the Board concerned with the curriculum review and design is as follows:

The Departmental Council (DC) constituted by faculty members including domain experts (external) and Chaired by the HoD is the primary body for the development and revision of the curricula. In this regard, the DC brainstorms on the need as stated above by taking inputs from different stakeholders such as academia, industry, alumni and students as supported by IQAC and the same is put up for Board of Studies (BOS) meetings which is subsequently approved by the Academic Council (AC). 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 achieve outcome-based education. Mandatory industrial training/field projects etc are duly included in the syllabi to ensure that students are exposed to contemporary industrial trends, innovations and societal needs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

27

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

#### 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

936

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

94

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

63

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

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 curricula across the Programmes. The university believes and promotes gender equity, sensitizes on issues of environment and sustainability, humanitarian ideals and ethical issues etc. being integrated in to curricula in order to uphold the 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 etc so that students can

inculcate these values in them and practice mutual respect all throughout.

#### Environment and Sustainability:

The courses such as Environmental Studies, Environmental Education, Fundamental of Ecology, Climate Change and Environmental Management etc are integrated in to curricula provide the students with a perspective of co-existence with nature and sensitizes them on the need for healthy environment.

#### 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 so that students imbibe these values and develop high standard of ethics in their professional career.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

**74**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.3.3 - Total number 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 during the year

**3887**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>1.3.4 - Number of students undertaking field projects / research projects / internships during the year</b>	
1031	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni</b>	<ul style="list-style-type: none"> <li>• All 4 of the above</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>1.4.2 - Feedback processes of the institution may be classified as follows</b>	<ul style="list-style-type: none"> <li>• Feedback collected, analysed and action taken and feedback available on website</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Demand Ratio</b>	
<b>2.1.1.1 - Number of seats available during the year</b>	
2040	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)</b>	

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year****947**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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

The University gives admission to the students under its different programs based on the qualifying marks, Entrance test and national level examinations like MAT score for admission in Management programs.

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

- Initial induction programme for newly admitted students.
  - To ensure effective learning for new comers and to identify slow learners and advanced learners.
  - Bridge classes are conducted for slow learners
  - Remedial English classes are conducted for the students who are from vernacular medium
  - Soft skills and communication skills classes
  - One to one interaction with the slow learners.
  - 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.
- 
- Facility for appearing in improvement courses to enhance their semester grade in a particular course.

- CBCS System has been implemented for the students so that they can study at their own choice.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link For Additional Information	Nil

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3889	290

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

The University has designed its curricula for various programs to ensure that students are substantially sound, able to apply the concepts in the practical field, analyze the outcomes of such practical applications and are in a position to analyze 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 the learning experience.

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

- Industrial training/Internship/ field visit/ excursions for students as per the demand of programme/course
- Visiting different research laboratories to explore the various research activities going on in different parts of the region/country.
- Participate in competitions/conferences/ workshops/ seminars
- Presentation of project report in presence of the external

subject experts invited from industry/reputed organizations.

- 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.
- Student's Feedback is collected in every semester to resolve the gaps between knowledge delivery system and the learning process.
- Inter-disciplinary competitions viz. group discussion, debate, quiz, seminars, workshops are held regularly

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The University believes in enriching the teaching-learning process with the incorporation of ICT based learning and simulated learning methodologies so that the students get a wider perspective of the domain knowledge instead of being merely restricted to textbooks.

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.

The faculty 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.

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.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.3.3 - Ratio of students to mentor for academic and other related issues during the year****2.3.3.1 - Number of mentors**

290

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality****2.4.1 - Total Number of full time teachers against sanctioned posts during the year**

290

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year**

249

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.3 - Total teaching experience of full time teachers in the same institution during the year****2.4.3.1 - Total experience of full-time teachers**

1124

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**



16

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

12

#### 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 year

12

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

27

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

IT Integration in the examination is one of the major components in the examination system of HEI. The USTM adopted the same which is as follows:

- 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.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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

The university has designed its curriculum as outcome based learning 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. The course-wise outcomes are clearly mentioned in the syllabus for the awareness of students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

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 University 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 -

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.6.3 - Number of students passed during the year****2.6.3.1 - Total number of final year students who passed the university examination during the year**

1304

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.7 - Student Satisfaction Survey****2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)**

<https://igac.ustm.ac.in/wp-content/uploads/2022/12/Student-Satisfaction-Survey-on-Overall-Institutional-Performance.pdf>

**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

USTM 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. 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.

- 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.
- However, it is relevant to 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	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

86.19942

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

15

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

12

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.5 - Institution has the following facilities to support research**  
**Central Instrumentation**  
**Centre Animal House/Green House Museum**  
**Media laboratory/Studios Business Lab**

**A. Any 4 or more of the above**

<b>Research/Statistical Databases Moot court Theatre Art Gallery</b>	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year</b>	
8	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.2 - Resource Mobilization for Research</b>	
<b>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 year (INR in Lakhs)</b>	
205	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)</b>	
118.72	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year</b>	
188	

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

Our Innovation Ecosystem has been in operation since 2014 with the intervention from MOFPI and DST. The NGEIDC projects under DST has been operational since 2017 and in 2021-22 we have successfully initiated 22 Projects. Around 3 startups have also been initiated.

To further progress our incubation USTM has been successful in obtaining approval as host Institution for Technology Business Incubator (TBI) by Ministry of Micro, Small & Medium Enterprises (MSME), Govt of India and we shall be responsible for ideas of not only our University Incubates but also Incubates from across the NE region. We have already participated in Hackathon of MSME and we expect to come up with path breaking Ideas for Incubation through MSME.

Centre for Innovation, Incubation and Entrepreneurship (CIIE) constitutes of the following units for coordination & functioning along with mentors and projects.

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

- Entrepreneurship Awareness camps - 5
- Participation in Innovation Conclaves and received innovation awards .
- Faculty are encouraged with financial support for seminar, workshop and training.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year**

73

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

73

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year****3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year**

12

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4 - Research Publications and Awards****3.4.1 - The institution ensures implementation of its stated Code of Ethics for research****3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website</b>	<b>A. All of the above</b>
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.4.3 - Number of Patents published/awarded during the year</b>	
<b>3.4.3.1 - Total number of Patents published/awarded year wise during the year</b>	
<b>10</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.4.4 - Number of Ph.D's awarded per teacher during the year</b>	
<b>3.4.4.1 - How many Ph.D's are awarded during the year</b>	
<b>20</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year</b>	
<b>200</b>	

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

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

59

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS**

**D. Any 2 of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
143	143

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
213	213

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

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. 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.

The Consultancy & Training Division has also been operating to offer training and consultancy services to the various agencies in need and thus create a platform for knowledge sharing.

We have done a number of consultancy and training in areas of Business Management, Accounting, Applied Biology, Social Work, Political Science 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 shall be reviewed from time to time to make it more appealing.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)**

**3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)****104**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 year

- **USTM Neighbourhood Mission (UNM ):** USTM has adopted a village named Jorbill from the neighboring area along with more 11 villages in the locality. Multifarious activities involving the students with the objective of sensitizing various social issues and strengthening community participation for holistic development are carried in the adopted villages.

**IMPACT**

- Career counselling has increased the number of students joining in the higher education in their desired courses and drop out has reduced
- The employment ratio has increased as livelihood opportunities has been extended by the University .
- Many start-ups and small business centres have come up in the locality
- 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.
- The cleanliness in the schools, community halls, etc have improved.
- 2000 saplings were planted as part of the green drive to create awareness on deforestation and the protection of environment.
- Awareness is created on various Government schemes and policies to be implemented has been initiated for the villagers.
- The university extends support and relief to the community in times of need and in exigent circumstances.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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 year

#### 3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

144

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

19041

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during

the 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 during the year**

427

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 year**

92

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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.

USTM has adequate number of classrooms, laboratories and computing equipment as prescribed by the statutory bodies like UGC, AICTE, PCI, NCTE, etc.

The status of infrastructure is shared below:

#### Class Rooms/Seminar Halls:

- Classrooms are equipped with state-of-the-art LCD projectors, Over Head Projectors and most of our classrooms are equipped with ICT interface.
- University has six seminar halls for seminars and workshops.

Central auditorium is available with 3000 plus capacity fully airconditioned which is used for our academic seminars as well as cultural programs.

#### Laboratories/Computer Lab:

- University has 66 laboratories including a newly developed Central Instrumentation Facility (CIF) for research work as per statutory requirements.
- The University has 10 Computer labs and one Language Laboratory with high-speed Internet facility.

#### Library:

- Central Library has an OPAC system along with RFID system and can be electronically accessed. There are more than 6,10,000 books, 13 regular journals and has institutional membership of the DELNET, J-Gate, EBESCO database, National Digital Library, e-shodhsindhu and Shodhganga.

#### Internet, Reprographic & other Facility:

University is Wi-Fi enabled and is available in all the academic and administrative areas with an Internet Bandwidth of 1Gbp. Scanning and photocopying facilities are available in the library as well. We also have a center for Incubation & Entrepreneurship, Gymnasium, Student Activity Centre and Media Centre.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

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.

#### 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.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

##### Green Campus:

- The entire campus is being developed to make the campus pollution-free. All the street lights within the campus are powered by solar energy. Battery operated carts ply for intra campus movement. An air monitoring device is also installed to keep a tab on the pollution level.
- The University has an exclusive Waste Management system to take care of the solid waste as well as liquid waste.
- Rain water harvesting facility has been developed to harness the economic, social and environmental benefits.

##### Facilities:

- Amenity Center has different kinds of eateries, stationeries, tailoring shop and salon where students can fulfill all their daily necessities.
- The campus has a day care health clinic with a full time Doctor, Nurse and a medical shop. Ambulance service is also available for emergency treatment.
- Separate hostels for both boys and girls.
- Sports facilities such as Volleyball, Basketball, Lawn Tennis,



Football, Badminton, Gymnasium and yoga center.

- Other facilities that the University has are Guest House, Shuttle bus, ATMs, Central Auditorium, Herbal Garden & a Bio-Diversity Park

#### Campus Security:

Security personnel man the campus 24x7 along with CCTV monitoring to keep a strict vigil.

Facilities available within the campus for Students and faculty members

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

1292.44

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

Maulana Azad Central Library is automated in the year 2016 with ILMS Automation software powered by "KOHA".

More than 70,000 books procured in the Library are being classified in DDC 23rd edition. Besides classified books are also catalogued according to MARC-21 and ISBD format using KOHA Software. The library has its online catalogue. Books and the library users are fully bar-coded and the library housekeeping operation like acquisition and circulation service have been automated with the help of KOHA. Library has started its Institutional Repository in DSPACE. Further, RFID based library automation management system has been implemented for smooth operation and security purpose along with self-check-in & check-out facility is available for users round

the clock.

### Milestone & Recognition

This Integrated ILMS Facility in the Library benefits:

- To provide 24x7 library & information services.
- Remote access facilities
- Library has OPAC which is used for accessing bibliographic database.
- Through Koha software, library is maintaining issuing and returning books.
- Easy way to know the status of a book and its borrower.
- Generating reports.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases**

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

215.5

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

1314

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

154

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

Yes, the University has an IT policy covering all major areas like Wi-Fi, broadband, etc., which is updated whenever required as per the need. There is a continuous effort to upgrade IT infrastructure (hardware/software) covering Wi-Fi access, software up-gradation, ERP system, ICT enabled teaching-learning. The IT Policy applies to Employees, Students, Vendors, and Visitors. University has framed various policies like Procurement, Installation of Hardware, Networks, and software. The University provides 3 to 5 % of the annual budget for the up-gradation of IT facilities, and current changes in the system are as follows:

1. As per the previous accreditation, the campus was enabled with an internet bandwidth of 1Gbps; now, we have extended internet support to outdoor areas which were not covered earlier.
2. A Total of 70 Wi-Fi routers/access points are also increased with high configuration, and Wi-Fi network facilities are deployed across the uncovered areas.
3. A total of 100 computers were newly added in the computer laboratory with configurations ranging from I3, 10th generation to Raygen 3, 2GB to 4GB ram size with SSD hard disk (160 GB).
4. University has installed additional CCTV across the campus, covering maximum areas within the campus to provide better security.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
3889	971

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

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1346.4

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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.

USTM has a structured system and procedures managed by Estate Officer along with maintenance teams. Complaints & recommendations

are being checked by the Estate officer under supervision of Deputy Registrar. The estate officer conducts a periodic audit & ensure timely corrective action for proper functioning of the various equipment, gadgets and services.

#### Maintenance, Utilization & Surveillance:

- The infrastructural facilities like classrooms, Central Library, various departmental library and other buildings are maintained under the supervision of estate office. However, maintenance of laboratory such as repairs are done by a laboratory maintenance team present at the respective departments.
- Estate Office ensures the maintenance of electrical assets and water pumping plants like Generator Sets, Solar Panels, sewage, etc. are undertaken as per preventive maintenance schedule.
- Hostel buildings and Amenity center's common area are maintained by the centralized maintenance team. However, rest of the area is maintained by respective service providers as per contract.
- Sports facilities like gymnasium, basketball, volleyball, badminton, etc. are maintained by the Sports department.
- Transport Mobilization inside the campus are monitored by the transport department. Routine maintenance work that is oil change or normal wear and tear is done by the transport department.

**Figure 1: Maintenance of Physical Facilities**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

**5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)**

**1944**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

3013

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology**

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

• All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 5.2 - Student Progression

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)****5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

122

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.2 - Total number of placement of outgoing students during the year**

540

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

395

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 year**

44

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

The university has an active Selected Student Council. The Class Representatives (CR) and Joint Class Representatives (JCR) System has been incorporated in every department for student representation as leaders. Also various centers and forums organizing different activities like Cultural, Sports, Debate, Quiz, etc. comprise of student members who serve as ex officio in the forum which ensures the smooth and successful functioning of the events.

The Forum also nominate two portfolio holders for the Institutional Quality Assurance Cell (IQAC) where they can offer their opinions, ideas, and support in order to build the student platforms for the overall growth of the university.

Under the University's Neighborhood Mission, student support welfare and outreach initiatives such as blood donation drives, free health check up, and raising awareness of HIV/AIDS, hygiene, etc. Additionally, they provide emergency assistance, such as aid distribution for flood victims and those affected by other natural disasters. The University's Student Grievance and Redressal Cell choose the two nominees from the Students Forum. The sessions that the Grievance Redressal Committee holds to address the issues of complaints are also attended by the student members.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

132

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>



## 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 during the year

University of Science & Technology Meghalaya Alumni Association. 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 all the outgoing students.

### Financial Support:

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

Alumni Meets & Delivering lectures: 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, Entrepreneurship Awareness, Training and Placement opportunities, etc.

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.

Academic Participation and IQAC Members: IQAC has representation from Alumni, who contributes towards all the quality related initiatives undertaken by the university like Logistics and Other Support, participation in Events , Varsity Week, students' activities.

1. Minutes of Chapters
2. Alumni Policy: <https://iqac.ustm.ac.in/wp-content/uploads/2020/03/Alumni-Association.pdf>
3. Web page link: <https://www.ustm.ac.in/alumni/>
4. Alumni Meeting Photographs

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>A. ? 5Lakhs</b>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance	
<p>Our entrepreneurial journey towards becoming one of the best destinations of teaching learning by 2030 have the following attributes.</p> <ol style="list-style-type: none"> <li>1. Quality Education</li> <li>2. Innovation</li> <li>3. Cutting edge Research</li> </ol> <p>While walking this path we shall contribute to our society by extracting the youth potential through overall excellence.</p> <p>Our MILESTONES were created in line with our Vision 2030.</p> <p><b>Governance:</b></p> <p>USTM is guided by the Chancellor at the apex and supported by the Vice Chancellor who implements the policies and takes all executive decisions. The Registrar of the University takes administrative decisions with guidance from 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.</p> <p><b>Perspective Plans for 2025 and 2030:</b></p> <p>With the accreditation of A grade by NAAC and NIRF ranking of 151-200 our Mission Bronze milestone is accomplished. "Vison 2030"</p>	

will help us reach our next milestones. Our focus is into niche areas and required changes in the academic and administrative governance are being made to support journey towards a Global Academic Destination.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

USTM believes in success through decentralization and participation management by the leadership and in learning and executing everyday through collective decision making & 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 feedbacks from stakeholders by Departmental Council, Board of Studies and approved by Academic Council (AC)
- Research programs work with guidance of departmental research committee (DRC) and School research Committee (SRC) regulated by the University Research Council (URC).
- Our forums conduct various activities with guidance from the respective Directors and stakeholders.

Execution of academic time table exhibits decentralization and participative management. Reports are compiled daily and analyzed under guidance of Director University Classes, which are then shared with the Vice Chancellor, Academic Registrar and respective HoDs. HoDs ensure corrections basis this report which also goes to the Office of the Chancellor for records.

HoDs also share a forecast in TW/NW report with the Vice Chancellor and Chancellor's Office, seeking support if any, for prevention of disruptions in the academic semester plan.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

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 USTM. 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 with provision of smart classrooms, well equipped & world class auditoriums, conference and seminar halls interspersed within the University.

Our infrastructure has helped us to host seminars of the scale of All India Political Science Congress held by the IPSA collaborating with USTM which was attended by several academicians including many Vice Chancellors. We have planned to host many such events of huge scale and academic impact for the University. Very soon we shall open our university to international students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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.

The University HR policies & rules effectively uses the bodies for guidance, decision making and efficient execution as per job roles specified.

Formulation of policies and review/approve of proposals done by Board of Governors which comes with recommendations of the Board of Management, which is the supreme executive body.

However, the curriculum & academic policies sent by the Departmental Councils are approved by Academic Council with recommendations from Board of Studies.

Finance Committee formulates annual budget, scrutinizes the accounts & expenditure proposals.

Board of Governors is Headed by the Chancellor, Board of Management and Academic Council is headed by Vice Chancellor & Finance Officer as the Secretary of Finance Committee.

IQAC engages in all quality initiatives of the university.

Research & Development Cell supervises research and project work received from different funding agencies proposed by DRC, put up by SRC for approval by URC

Hon'ble Governor of Meghalaya being The Visitor the administrative setup is headed by the The Chancellor and The Vice-Chancellor is the Principal Executive and Chief Academic Officer executing the Chancellor/BoG's decisions.

The Registrar, Academic Registrar, Controller of Examinations and Admissions supervises the administration, curriculum/research and admissions/examinations respectively.

Deans of Schools/ Directors drive activities of concerned School/Centre.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.2.3 - Institution Implements e-governance in its areas of operations

#### 6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts

A. All of the above

**3.Student Admission and Support****4.Examination**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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

HR Manual has policies of performance appraisal system for the teaching & non-teaching staff. Appraisal & promotion committees evaluate and recommend increments, promotions, reward & recognitions.

CAPE committee evaluates and does annual appraisal scoring under DAPE & FAPE.

FAPE-Faculty assessment & performance evaluation-for faculty.

DAPE-Departmental assessment & performance evaluation-for HoD.

Scoring the attributes are done by various authorities as a 360° evaluation and a final score is arrived at for DAPE and FAPE both.

**Non-Teaching Staff:**

For the junior cadre non-teaching staff, the members are evaluated by the appraisal committee and 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 basis the parameters like execution, performance and contribution, the increments are decided.

Welfare of the staff is an important area for the University.

Special incentives on performance & achievements.

Employee PF, Leaves, Personal and Professional Development, Interest free Car, Marriage, Other Loans mobilized from community fund, Free education to wards of staff members are few welfare schemes.

World Class Campus infrastructure with Day care & Health Centre facility, Free Transport for work life balance.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

147

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

20

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

217

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

USTM, an outcome of entrepreneurial effort with its journey starting from 1 computer & 4 students, today has almost 4000 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:** The financial pie of expenses come from the following sources

Promoter's Contribution, Student Fees, Bank Loan: Bank interest, Grants from Government & Non-Government Agencies, Alumni Contribution, Consultancy, Training & Miscellaneous.

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

Building, Roads and Horticulture, Computer Laboratories, Seminar Halls & Auditoriums, Libraries, Sports and other amenities, Outreach and Welfare.

**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	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)**



0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

#### 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

240

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4.4 - Institution conducts internal and external financial audits regularly

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

##### Internal Audit:

Control system of accounting is quarterly audit. 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 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 to update the Finance Committee and Sponsors through Board of Governors.

##### External Audit

Once a year External Auditors 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 with Accounts to seek explanations to satisfy themselves on the financial statements. The Auditors discuss the audit progress with the Finance Officer to address bottlenecks, if any, for the completion of audit as per the plan.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

With the exposure of our University to the NAAC assessment process we have become aware of the various areas of improvement in the several academic as well as non-academic activities conducted by the University. We also identified better ways to streamline the activities done as per the guidelines and expectations of NAAC.

For academic year 21-22 we have laid down process for carrying out the activities and capture the documentations in a manner that the nothing gets left out while planning an activity. The documentations to be captured have been laid out as per the NAAC SOP and at the time of doing the activity the documentation is to be submitted to IQAC office for review and archiving. Our IQAC officers attached to each department monitors and guides the departmental activities for a professional execution. IQAC conducts intermittent meetings with the departments to keep driving their focus on the width and depth of execution standards.

As a strategy we have agreed to improve the accreditation grade every cycle and continually keep improving the academic and non-academic benchmarks we adopt.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative**

A. Any 5 or all of the above

**Audit (AAA) and follow up action taken**  
**Confernces, Seminars, Workshops on**  
**quality conducted Collaborative quality**  
**initiatives with other institution(s) Orientation**  
**programme on quality issues for teachers and**  
**studens Participation in NIRF Any other**  
**quality audit recognized by state, national or**  
**international agencies (ISO Certification,**  
**NBA)**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

During the assessment process for NAAC accreditation the University felt few areas wherein we need to work in a more synchronous manner and a more organised manner. One was the departmental activity monitoring and the other was documentation and retrieval of proof of activity. The NAAC manual has been a guiding document in this matter.

Deployment of IQAC Charters for every academic session:

We need to further regulate and monitor the activities of the departments for a holistic execution as per the NAAC manual. Realising this we developed a charter of activities to be done by the faculties individually and by the department as a whole. On similar lines we also carved out charter of activities for the various centres and administrative functional heads. These charters are reviewed periodically.

IQAC Archive for activity documentation upload and retrieval:

We developed a web software wherein the faculty members and departmental coordinators can create the documentation on the archive and upload the requisite documents for review and storage. IQAC reviewed the uploaded documents and approved for storage. Prior to submission of AQAR we can retrieve the documents from the archive and upload to the NAAC portal.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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 year

#### MONITORING ON SAFETY & SECURITY:

- Anti-Sexual Harassment Committee: USTM codified an Anti-Sexual Harassment committee for women safety.
- Security Personnel deployed in blocks, hostels round the clock.
- CCTV Surveillance provided throughout the campus.
- Adequate Lighting all through the campus.
- Intercom Facility in each block.
- app provided wherein students can connect 24x7.

#### PHYSICAL FACILITIES

- Common Room for Boys & Girls with the necessary facilities provided.
- Washrooms for female located in each block.
- Day Care Centre is equipped with nurses, care-takers for the young children.
- Medical Facility provided with lady doctors and nurses.
- Wardens & Floor Coordinators allotted to each girls' hostel.
- Buses provided for female students, faculties and staff.

#### ACADEMIC ACTIVITIES:

- 50% seat in all academic programs is reserved for girls.
- Women's Driving School is established by USTM.
- Competitive Examinations: Girl students are motivated to opt for competitive examinations.
- Counseling & Orientation: separate counselling session provided to each student.
- Women Empowerment Forum provides interest for free marriage loans, car loans etc.
- A Gender Audit to enhance facilities for girl students provided every consecutive year.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="https://iqac.ustm.ac.in/wp-content/uploads/2022/12/7.1.1_S1_Gender-Senitization-plan-1.pdf">https://iqac.ustm.ac.in/wp-content/uploads/2022/12/7.1.1_S1_Gender-Senitization-plan-1.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	<a href="https://iqac.ustm.ac.in/wp-content/uploads/2022/12/Facilities-provided-for-women.pdf">https://iqac.ustm.ac.in/wp-content/uploads/2022/12/Facilities-provided-for-women.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**As the University is growing the management has taken all necessary measures to implement proper waste disposal system.**

#### **SOLID WASTE MANAGEMENT**

**All the organic/biodegradable waste and non-degradable/recyclable wastes is handed over to concerned agency for recycling. University has installed an Organic Waste Composting plant to convert organic wastes to manure for in-house use.**

#### **LIQUID WASTE MANAGEMENT**

**The Liquid Waste generated from different blocks/ Laboratories is treated through Effluent Treatment Plant (ETP) before releasing the**

waste water in to the nature.

#### 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 practicals or any research activities.

#### 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.

#### HAZARDOUS CHEMICAL WASTE MANAGEMENT

The university has a well-defined policy to handle Hazardous Chemical after using in the laboratory for experimental purpose. Usually these are treated by Chemical methods before it is send to the ETP for further treatment.

#### E-WASTE MANAGEMENT

- The non-reusable electronic devices are segregated into chemical and non-chemical e waste and store them accordingly.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 7.1.5 - Green campus initiatives include

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

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

**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Tolerance and inclusiveness are at the heart of USTM and this has been gestured through consistent effort to provide an inclusive environment to its stakeholders maintaining harmony amidst the cultural, regional, linguistic, communal and socio-economic diversities. The initiatives respect the dignity of every person with tolerance and equality of opportunity to all irrespective of race, ethnicity, age, gender, sexuality, socio-economic status, religion and disability.

Even during the pandemic and lockdown, a three-month Global Cultural Festival-2021 was organized by the University from July to September creating a competitive culture promoting the cultural harmony among colleges and university students from across the country, Bangladesh and Nepal.

To remind the university community of the unity in diversity in India, USTM installed the statue of Dr BR Ambedkar. Outreach activities including Blood donation camps, NSS work, Cancer patient help desk at BCCI also reflect inclusiveness.

USTM also developed bridge course for Madrassa students to bring them to mainstream education. The Scholarships and Freeships awarded by the Institution are given in an inclusive manner covering different categories—merit, economic status, differently abled, sports and culture, etc. The awards are never based on religion, race, ethnicity or cast.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

USTM tries to create responsible citizens by sensitizing students and the employees about constitutional obligations, values, rights, duties and responsibilities. For example:

- Orientation programme to guide all new students
- Emphasizing on Human Values, National Integration, Communal Harmony and social cohesion
- Help Desk for Cancer Patients at BCCI, regular Blood Donation



camps

- USTM neighbourhood development Mission
- I Can I Will Academy for the physically challenged
- Various national and international seminars, workshops, talks by experts
- Yearly Get Together Lunch where right from the support staff to the VC and the Chancellormingle in one platform and express love, respect and gratitude
- Patients' Help Desk at B Barooah Cancer Institute where students and staff of Social Work department provide handholding service to the cancer patients coming from different remote rural areas for treatment.

Statues of freedom fighters and great leaders of India are kept in visible places of the campus, roads within the campus have been named against personalities that remind everyone about the values, rights and duties as citizens. Steps taken to promote awareness about various National Identities and Symbols also through social media platform. The students enthusiastically participate in debates, Seminars, Conferences, talks, legal awareness camps etc.

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

All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals**

USTM organises and celebrates various national and international commemorative days, events and festivals to inculcate the spirit and essence of that Day among the learners. Tributes, talks, debates, quiz and various cultural presentations and exhibitions are organized involving students and teachers to imbue 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. Few of such events organized are:

Every year the Institution celebrates Republic Day and Independence Day in a spectacular way in the campus. National Science Day is celebrated in the institution on 28th February every year to mark the birth anniversary of Sir C.V. Raman. The Institution celebrates World Social Work Day by honouring distinguished social workers with the Social Work Excellence Award every year.

Besides, there is celebration of World Environment Day, World Cancer Day, International Women's Day, International Human Rights Day, International Yoga Day and so on. Teachers' Day is celebrated every year to remember Sarvepalli Radhakrishnan. Engineers' Day is celebrated on 15th September in honor of Bharat Ratna Mokshagundam Visveswaraya. Gandhi Jayanthi is celebrated to commemorate the Father of the Nation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

### USTM Neighbourhood Mission

#### Objectives

Visioning an Educated, Developed, Sustainable and Economically Growing Meghalaya and we have begun spreading our initiatives from the Neighbourhood.

#### The context:

Being an institution of excellence and rurally located, we need to take responsibility of impacting the rural areas for positive economic and academic development with ZERO dropouts and highest GER.

#### The Practice:

USTM has adopted a village named Jorbill as Model village in

neighbourhood and various activities are undertaken in model village & 11 more adjoining villages.

These create integration to the education and economic ecosystem targeting the bottom of the pyramid where lot of resistance is faced due to social distractions.

Evidence of Success:

1. Dropouts reduced & higher education entry increased
2. Employment ratio increased.
3. Healthy lifestyle and nutrition.
4. Addiction from tobacco, alcohol and psychotropic drug abuse decreased.
5. Cleanliness improved.
6. Economy and buying power improved.

Problems Encountered and resources required:

The critical issues were :

1. Motivating the target population for sensitization
2. Avoid continuing the education
3. No ownership of the plantations
4. Maintenance of the infrastructure created

Our focus should be more on handholding rather than directly helping. While we were helping the villagers.

### **7.3 - Institutional Distinctiveness**

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

USTM has always been instrumental in living the theme of 'Unveiling Excellence' which goes with our University logo. We have always been working towards fulfilment of educational policies made by Government bodies. If we consider the National Educational Policy 2020, we had conducted several interventions before and after the announcement of NEP 2020. Our University is implementing NEP in 22-23, being first few to implement.

Interventions made by USTM are mentioned below-

1. June 2019 - Brainstorming on National Education Policy

2. November 2019 - Participated in workshop on "Proposed National Education Policy 2019 and Future Course of Action"
3. February 2022 - Webinar on "Awareness and Sensitization of NEP-2020 for its Implementation"
4. May 2022 - National Seminar on "Bridging Gaps of Accessibility, Equity and Quality Learning Outcomes in School Education: NEP-2020" sponsored by ICSSR.
5. June 2022 - National Workshop on "Roadmap for Implementation of NEP 2020"
6. June 2022 - Brainstorming on Implementation Strategy of NEP 2020
7. November 2022 - Review of NEP implementation
8. December 2022 - Regional workshop on "NEP 2020: A Game Changer for School Education"

An appreciation mail was sent by Dr K Kasturirangan, Chairman, Committee for Draft NEP 2019 to us for initiative on NEP.

#### 7.3.2 - Plan of action for the next academic year

USTM as an evolving young university has been continuously working towards building capability of human resources in the domain on Knowledge economy to ensure that our students are always able to play a role and contribute to the economic growth of the country.

We have already been enabling students to gather domain knowledge & skill in areas like Artificial Intelligence and Machine Learning, Robotics, Health Care Management, Data Science and Drone Technology. We intend to start working in depth for the Skill development of students to build specializations & programs & influence participation of our students in the Knowledge Economy industries.

We are already prepared to implement the NEP compliant syllabus in academic session 22-23 which will have Skill Electives integrated into the curriculum so that the students have the option to become job ready when they pass out from the University.

The domain specializations of related skill courses shall have as options available to the students and that shall give requisite exposure also to the students to prepare them for these domains leading to job readiness for knowledge economy industries and organizations.

Participation in Knowledge Economy is a must & University shall work towards that.