

PROSPECTUS-2020

USTM



Unveiling Excellence

Join People's University...

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Promoted by
**ERD FOUNDATION
GUWAHATI**



OUR APPROVAL



ज्ञान-विज्ञान विमुक्तये

UGC



AICTE, New Delhi



BCI



गुरुगुरुतमो धाम

NCTE



PCI

MEMBERSHIP



AIU

**The Association
of Commonwealth
Universities**

ACU

INTERNATIONAL COLLABORATION



বাংলাদেশ
বিশ্ববিদ্যালয় স্বাস্থ্য কলিন



UNIVERSITY OF DHAKA



**BANGLADESH UNIVERSITY
OF HEALTH SCIENCES (BUHS)**

OUR ASSOCIATION / COLLABORATION



TEZPUR UNIVERSITY



JNU, New Delhi



GAUHATI UNIVERSITY



JAMIA MILLIA ISLAMIA



IIT, GUWAHATI



AMU, Aligarh



NIT, SILCHAR



CSIR-NEIST

NESAC

**NORTH EASTERN SPACE
APPLICATIONS CENTRE**



ASSAM SAHITYA SABHA



CSIR-CRRI

SUBJECTS OFFERED IN ACADEMIC SESSION 2020-21 (Diploma, UG, PG & Ph.D)

- ▶ Chemistry
- ▶ Geography
- ▶ Environmental Science
- ▶ Physics
- ▶ Mathematics
- ▶ Microbiology
- ▶ Physiotherapy
- ▶ Biotechnology
- ▶ Food Science & Technology
- ▶ Botany
- ▶ Zoology
- ▶ Business Administration
- ▶ Commerce
- ▶ Economics

- ▶ Social work
- ▶ Sociology
- ▶ Political Science
- ▶ Rural Development
- ▶ English
- ▶ Library & Information Science
- ▶ Psychology
- ▶ Education
- ▶ B.Ed.
- ▶ Law
- ▶ D.Pharm
- ▶ B.Pharm
- ▶ BA Administration & Governance
- ▶ Computer Applications

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Dy. Controller of Examination

Dy. Registrar (Administration)

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Chancellor Speaks



It gives me immense pleasure and satisfaction as I look back to 2011 when USTM made its humble beginning with only six students but with a big dream. I am happy that a part of this big dream has been fulfilled in course of first seven years of existence of the University. Now at the end of the Seventh academic session, the University has 5000 students and more than 310 dedicated and experienced faculty members. This success has been possible solely due to trust and confidence reposed on the USTM by the students, guardians and cooperation and patronage extended by academicians, intellectuals, media and members of general public. ERD Foundation, the promoter of USTM, has completed 18 years of dedicated service in the field of institution building and acquired lots of experience from different stakeholders as how to streamline education from KG to PG to PhD. Ultimately, this experience becomes the spirit behind the growth of USTM as People's University.

Situated in a location of astounding beauty, surrounded by mountains and greenery in the gateway of North East, USTM is providing an ideal environment for academic pursuit in the ambience of nature and eco-friendly environment, free from the din and bustle of city life. Quite naturally, USTM has been able to attract students from all the north-eastern states of India giving a platform for the students coming from diverse cultural, ethnic and linguistic background to live and learn together, making the USTM a melting pot of the North East. USTM is truly the symbol of emotional integration of north-eastern region of India and is striving to make it a global destination of higher education and research to nurture local students amidst a global community.

Team USTM has charted out a roadmap and mission to achieve: "Mission Bronze"—to become a top university in the East by 2020, "Mission Silver"—to become one of the top universities in the country by 2025 and "Mission Gold"—to become one of the world class universities by 2030. With this end in view, the USTM has already entered into MOU with reputed universities like Tezpur University; Jawaharlal Nehru University, New Delhi; Indian Institute of Technology, Guwahati; Jamia Milia Islamia, New Delhi; Gauhati University; Uskudar University, Istanbul, Turkey; Fatih Sultan Mehmet University, Istanbul; Ankara Yildirim Beyazit University, Ankara, Turkey; Selcuk University, Konya, Turkey; Dr B Borooah Cancer Institute, Guwahati; Indian Institute of Food Processing Technology, MoFPI, Government of India, Aligarh Muslim University; Bangladesh University of Health Science; NIT Silchar; University of Dhaka and reputed R&D institutions like CSIR-NEIST, CSIR-CRRI, North Eastern Space Application Centre-Shillong to share their academic, administrative and research experiences for the growth of USTM. Recently, USTM has also signed MOU with the University Grants Commission of Bangladesh and has been the co-organiser of International Convention of Vice Chancellors-2019 in Sylhet Bangladesh. ICVC is a platform where Vice Chancellors of 26 universities from North East India and Bangladesh along with other delegates participated for educational collaboration and progress.

To guide and produce more IAS officers, we have designed a curriculum of 3-year degree course, namely BAAS to groom the students for UPSC exams. It is an opportunity for the aspirants to join this course to fulfill their aspiration.

I convey my gratitude to all parents and well wishers, especially the teaching-learning community for their contribution and belongingness for faster growth of USTM.

Our beloved Late Dr APJ Abdul Kalam said, "Dream is not that which you see while sleeping, it is something that does not let you sleep". Dear all, we have a Dream to make USTM a Centre of Excellence and make it a World Class University. I appeal everyone to Join MISSION USTM to fulfill this Dream.

Sd/-

Mahbubul Hoque
Chancellor, USTM

Message from the Vice Chancellor



Dr. Mridul Hazarika

Greetings of the season!

University of Science & Technology, Meghalaya has been established under an Act 06 of 2008 passed by the Meghalaya State Legislative Assembly, in Ri-Bhoi District of Meghalaya State, sponsored by ERD Foundation. USTM is growing steadily in the field of education and making a mark in North East India. This University initiates the innovative ideas with the main focus on educational excellence, enhanced student experience and better opportunities. We focus not only on knowledge acquisition but also towards the development of crucial competencies such as digital literacy, research acumen, collaborative skills and also critical & creative thinking skills.

We at USTM stand committed to the active idea of creating the right opportunity to the youth who has the self confidence, motivation and ready to face any challenge brilliantly. As a continuing education, we arrange sessions on soft skill, entrepreneurship, employability and personality development by inviting the eminent persons of the respective fields. In addition to the regular courses the university offers Bachelor of Administration degree to prepare students for their career in administrative service.

It is important to empower students to develop human values, innovative thinking and creative mind which is ensured through inspirational peace-talks, creative workshops, cooperative-games, action based activities, building cross-cultural relationships, cultural festivities, neighborhood walks and many new ways for adapting in the regional context.

We desire that students think different and move after excellence and develop ability to do something that makes their name stand out in crowd to be unique in some respect or other.

I on behalf of this University welcome you to fulfill your dream of higher education.

I wish you all the best.

Cordially

A handwritten signature in blue ink, appearing to read 'M. Hazarika'.

Dr. Mridul Hazarika
Vice Chancellor

ERD FOUNDATION-GUWAHATI

Promoter of USTM

Education Research and Development Foundation (ERDF) is one of the largest & fastest growing educational networks in the north-eastern region of India, catering education from KG to PG to Ph.D. Established in 2005, the Foundation set its objective as promoting technical education, research and developing leadership thereby producing required quality manpower to uplift the region and accelerate the nation-building process. Today, ERDF has emerged as the premier educational network of the North East. Under ERDF group of institutions, around 800 people are engaged while more than 7,500 students are studying in various disciplines.

In 2009, ERDF started a state of the art Engineering College namely Regional Institute of Science & Technology approved by AICTE, New Delhi and affiliated to NEHU, Shillong. ERDF has also set up two Central Public Schools, one at Patharkandi and the other at Badarpur in the Karimganj District which are affiliated to CBSE, New Delhi.

One of the most ambitious projects of ERDF, the University of Science & Technology, Meghalaya (USTM), was established in a picturesque landscape surrounded by tranquil greenery in the Ri-Bhoi district of Meghalaya that began functioning since 2011. The Fakhruddin Ali Ahmed Centre for Coaching and Guidance (FACC) and HOQUE-20 are two of the other initiatives of ERD Foundation towards capacity building of our young graduates aspiring for IAS, GATE, NET & other competitive examinations conducted by UPSC and other government agencies.

Khairun Nessa Begum Women's College (KBWC) started from the academic session 2015-16 at Badarpur and is affiliated to Assam University, Silchar. The college established for empowering women, especially the downtrodden rural women. The Allama T R College of Pharmacy established in 2020 affiliated to Srimanta Sankaradeva University of Health Science, Guwahati & Approved by PCI, New Delhi. However, the most ambitious project of ERDF in hand now is the proposed PA Sangma International Medical College and Hospital which will be established soon in USTM campus.



ABOUT THE UNIVERSITY

The University of Science & Technology, Meghalaya (USTM) is the most emerging and first self-financed science and technology university in the entire north-eastern part of India, promoted by ERD Foundation, Guwahati. It has been established under the provision of an enactment made by the Meghalaya Legislative Assembly under Act No.6 of 2008 notified vide Gazette Notification No. LL(B) 87/2008/21, dated 02.12.2008 of Government of Meghalaya. The University is empowered by the University Grants Commission to award degrees as specified under Section 22 of UGC Act, 1956. USTM has also received necessary approval from AICTE, New Delhi, BCI, PCI & NCTE, ERC, Bhubaneswar to run MBA, BALLB, LLB, B. Pharma and B.Ed. courses respectively. USTM is a Member of Association of Indian Universities and Member of the Association of Commonwealth Universities. USTM is located in picturesque landscape surrounded by tranquil greenery in the Assam-Meghalaya border, 6 kms from Dispur, the capital of Assam and 85 kms from Shillong, the capital of Meghalaya state and is well connected by road, rail and air transport.

With more than two years of focused study on the educational needs of the region by leading Academicians, Scientists and a group of Vice Chancellors and educational administrators of the region, USTM has started its systematic academic process in September 2011. The University is dedicated to the cause of high quality science and technology education and advanced research in frontier and cutting edge. Here innovation, invention and entrepreneurship remain the cardinal focus and thrust. Facilities are being offered with this long term goal with special focus on the Science and Technology needs of this region. Creating the best graduates who can think, innovate and invent would remain the all time driving force of USTM. The University would direct all its efforts to create the needed Science and Technology manpower to foster relentlessly the economic and social development of the region in an inclusive manner.

USTM offers varied and content rich programmes focused on the educational needs of the region and has a multi-disciplinary approach.

USTM offers Diploma, UG, PG and Ph.D courses under its different schools viz.

- School of Applied Sciences
- School of Biological Sciences
- School of Engineering & Technology
- PQH School of Education
- School of Pharmaceutical Sciences
- School of Allied Medical Sciences
- School of Business Sciences
- School of Social Sciences & Humanities
- University School of Law and Research



Vision Mission & Values

VISION

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

MISSION

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

CORE VALUES

● Competitive & Progressive

Excellence & Creativity

Compassion & Inclusivity



UNIQUE FEATURES

- ▶ Largest Auditorium of North East
- ▶ Dedicated Medical and Health Care Centre.
- ▶ CCTV in whole campus for monitoring
- ▶ Extensive personality improvement programmes.
- ▶ Central Instrumentation facility
- ▶ Solar Power lighting system in the campus
- ▶ Solid Waste Management / Biogas plant
- ▶ Effluent Treatment & Waste Water Recycling Plant
- ▶ Separate hostels for boys and girls with all modern amenities.
- ▶ A total built-up area of more than 3,00,000 sq ft area with state of art Classrooms and Tutorial rooms equipped with modern teaching learning aids to facilitate technology enabled learning.
- ▶ Computerized Central Library facility with an estimated volume growth of up to 80,000 books, journals and periodicals.
- ▶ Computer Center equipped with 400 plus high end computing devices backed up with academic alliance from Microsoft, Oracle etc.
- ▶ Highly experienced, talented and energetic faculty and technical support staff.
- ▶ A strong Industry-R&D interaction through MOU with corporate sector.
- ▶ Continuous one to one mentoring between the students and teachers to nurture the latent talents and offer individual care.
- ▶ Course delivery framed to provide practical industry orientation over and above the prescribed syllabus of the University.
- ▶ A fleet of buses and other vehicles to facilitate the movement of student and faculty.
- ▶ In House Entrepreneurship Development Cell and Incubation Center.
- ▶ Well equipped Laboratories.
- ▶ Gymnasium cum Fitness centre.
- ▶ In house publication cell.
- ▶ Seminar Hall with Video Conferencing facility.
- ▶ 24 hours power back-up.
- ▶ Rain Water Harvesting
- ▶ Amenity Centre.
- ▶ Campus News
- ▶ ATM Facility.
- ▶ Day Care Centre
- ▶ Canteen Facility.
- ▶ Art Gallery



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School of Applied Sciences

The School of Applied Sciences endeavours to impart education of fundamentals so that students can well appreciate the intricacies of day to day problems. All academic programs emphasise the integration of the basic sciences within an interdisciplinary approach with the expressed intention of encouraging research, innovation and motivation of students to work within a diverse range of professional situations. The School has the following Departments under it:

Department of Chemistry

Academic Focus:

India is a place where higher study is given a very high preference, so today in the competitive world it plays a very vital role. Today Master Degree in India is providing a base platform for those who want to get involved in higher studies and to get some good results in future. Chemistry is a multidisciplinary subject. All the branches of Science need chemistry. It is the branch of science which deals with the study of chemicals. Various specializations are there in chemistry. Specializations include Organic, Inorganic, Physical, analytical chemistry etc. University of Science and Technology, Meghalaya started Master's Degree programme (M. Sc.) in Chemistry from 2012 session. The department as a part of USTM has made collaborations with CSIR-NEIST, Jorhat, different R&D organizations, IITs, CRRI-New Delhi, Hi-Tec Ireland and many other universities.

Career Scope:

There is immense potentialities for post graduates in chemistry pursue advanced research or in industries as skilled chemists. Investigations are on for discovery of new molecules wherein chemistry personnel are in great demand in R & D. Discovery of new molecules for specific action on human diseases such as cancer, AIDS etc has led to expansion of drug industry. So, after completing M.Sc degree any student can easily pursue research which enables them to go for their dream organizations like BARC, ISRO, CSIR, Defence, Oil Sector, DRDO and many other national and international pharmaceutical industries as well as research organisations. Moreover, teaching at graduate and post-graduate levels like in different Universities, Graduate colleges etc. also require a large number of well qualified faculty at M.Sc. & Ph.D.

Courses Offered:

B.Sc Chemistry

Duration : 3 years

Eligibility : HS (10+2) Science with Chemistry / Physics / Biology/Mathematics/Biotechnology/Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees:

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 30,000.00

Course Content:

Semester I:

Inorganic Chemistry-I Physical Chemistry-I
Inorganic Chemistry-I Lab Physical Chemistry-I Lab
Non Chordate Diversity, Ecology and Biotechnology / Physics-I
Invertebrate Biology and Ecology Lab / Physics-I Lab
Communicative English

Semester II:

Organic Chemistry-I Physical Chemistry-II
Organic Chemistry-I Lab Physical Chemistry-II Lab
Chordate Diversity, comparative anatomy & evolution / Physics-II
Vertebrate Biology and Histology / Physics-II Lab
Environmental Science

Semester III:

Inorganic Chemistry-II Organic Chemistry-II
Physical Chemistry-III Inorganic Chemistry-II Lab
Organic Chemistry-II Lab Pharmaceutical Chemistry
Chemical Technology for Society
Diversity of seed plants-morphology, anatomy and systematics/
Classical Algebra and Trigonometry
Diversity of seed plants-morphology, anatomy and systematics /
Vector Analysis

Semester IV:

Inorganic Chemistry-III Organic Chemistry III
Physical Chemistry-IV Inorganic Chemistry-III Lab



Organic Chemistry-III Lab
Petroleum & Petrochemicals Pesticide Chemistry
Cell biology, plant resource and ecology / Calculus
Cell biology, plant resource and ecology / Abstract Algebra
Semester V:
Organic Chemistry-IV Physical Chemistry-V
Organic Chemistry-IV Lab Physical Chemistry III Lab
Green Chemistry/Novel Inorganic Solids
Analytical Methods in Chemistry/Industrial Chemicals & environ-
ment
DSE I Lab DSE II Lab
Semester VI:
Inorganic Chemistry-IV Organic Chemistry-V
Inorganic Chemistry-IV Lab Physical Chemistry-IV Lab
Research Methodology for Chemistry/Instrumental Methods of
Analysis
Polymer Chemistry/ Inorganic materials of Industrial importance
IT Fundamentals/IT Skills for Chemists
Dissertation

M.Sc Chemistry

Duration : 2 years

Eligibility : Graduation with Chemistry as subject along with any two of the following as subsidiary subjects: i) Biotechnology ii) Chemistry, iii) Botany, iv) Zoology v) Physics and vi) Mathematics with 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 48,000.00



Course Content:**Semester I:**

Organic Chemistry-I Inorganic Chemistry-I
Physical Chemistry-I Analytical Chemistry
Practical-I (Organic Chemistry)

Semester II:

Organic Chemistry-II
Inorganic Chemistry-II
Physical Chemistry-II
Spectroscopy-I
Practical-II

Semester III:

Organic Chemistry-III Inorganic Chemistry-III
Physical Chemistry-III Spectroscopy -II
Practical-III (Physical Chemistry)
Environmental pollution & management/Green Chemistry
{(MDC-I) A/B}

Semester IV:

Spectroscopy-III Project Work/ Dissertation
Special Paper-I ((Org / In-Org / Physical)
Special Paper-II(Org/In-Org/Physical)
Everyday Chemistry/ Biological Chemistry {(MDC-II) A/B}

Department of Earth Sciences

Academic Focus:

Earth Science is an all-embracing term for the sciences related to the planet Earth. It is arguably a special case in planetary science, the Earth being the only known life-bearing planet. The formal discipline of Earth sciences may include the study of Geography, Geophysics, Soil Science, Environment etc. The Department presently runs two Master's Degree programmes, viz. MA in Geography and M.Sc. Environmental Science. Geography is the study of the diverse environments, places and spaces of the earth's surface and their interactions. Environmental Science is a multidisciplinary subject which is relevant to all other subjects and is applicable almost in every aspect of life. Environmental Science is burning and an emerging subject of global concern.

Career Scope:

Geography has wide career scopes like Academician, Cartographer, Commercial / Residential Surveyor, Town Planner, Transport Planner, Development Worker, Researcher, Trainer, Environmental Consultant / Planner, Geographical Information System Officer, Planning and Development Surveyor, Meteorologist etc.

M.Sc. Environmental Science provides a wide variety of employment opportunity in government sector, private sector, NGOs, international organizations, consultancy, national / multinational firms, academics and researches, refineries and mines, plant fertilizer, food processing units, engineering, journalism, pollution control boards and many other sectors like forestry, agriculture, water resource management, rural and urban development, tourism, biodiversity and wildlife management, etc.

Courses Offered:**MSc Environmental Science**

Duration : 2 years

Eligibility : Graduation with at least 45% marks in honours / pass course in Botany, Zoology, Chemistry, Environmental Sciences, Environmental Studies, Anthropology, Geology, Geography and other relevant subjects.

Course Fee:

Admission fee : Rs. 38,000/-
Tuition fee per semester : Rs. 30,000/-

Course Content:**Semester I:**

Fundamentals of Ecology
Environmental Chemistry
Environmental Pollution
Statistical Techniques and Computer Applications
Laboratory-I

Semester II:

Natural Resources and Biodiversity
Soil and Freshwater Ecology
Environmental Biotechnology
Environment and Society
Laboratory -II





Semester III:

Research Methodology

Climate Change and Environmental Management

Fundamentals of Geoinformatics

Wildlife Ecology: Wildlife Habitat and Population/ Hazards and Disaster Management: Basic Concepts/ Geoinformatics: Principles and Techniques of Remote Sensing

Laboratory-III: Practical on Fundamentals of Geoinformatics (General)

Northeast India: Land, People and Culture (MDC-I)

Disaster Management(MDC-II)

Semester IV:

Environmental Geosciences and Meteorology

Wildlife Ecology: Conservation and Management/ Hazards and Disaster management: Preparedness and

Mitigation/Geoinformatics: Principles and Techniques of GIS and GPS

Wildlife Ecology: Wildlife Health and Wealth/ Hazards and Disaster management: Issues and Policies/ Geoinformatics: Applications in Major Areas

Laboratory-IV: Wildlife Ecology/ Hazards and Disaster management/ Geoinformatics (Practical)

Project Work

MA/MSc Geography

Duration : 2 years

Eligibility : Graduate in Geography or allied subjects with a minimum of 45% (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 35,000.00

Course Content:

Semester I

Fundamentals of Geomorphology Geographical Thought

Regional Geography:India and NE India

Introduction to Environment and Ecology

Cartographic Techniques-I-Practical

Semester II

Climatology and Oceanography

Socio-Cultural and Political Geography

Geography of Rural and Urban Development

Fundamentals of Cartography

Cartographic Techniques-II-Practical

Semester III

Research Methodology

Quantitative Technique

Fundamentals of Geoinformatics

Regional Planning: Principles, Concepts and Theories/ Hazards

and Disaster Management: Basic Concepts/ Geoinformatics:

Principles and Techniques of Remote sensing

Geo-informatics (General)-Practical

Northeast India: Land, People and Culture (MDC-I)

Disaster Management (MDC-II)

Semester IV

Geography of Economic Activities

Regional Planning: Practices in India and Selected Countries/

Hazards and Disaster Management: Preparedness and

Mitigation/ Geoinformatics: Principles and Techniques of GIS and

GPS, Regional Planning: Rural and Urban Development Planning

in India/ Hazards and Disaster Management: Issues and Policies/

Geoinformatics: Applications in Major Areas, Regional Planning/

Hazards & Disaster Management/ Geoinformatics-Practical Paper

Dissertation

Department of Physics

Academic Focus:

The aim of physics is to study the laws of Nature at its most fundamental level. The application of the natural laws governed by force and motion, matter and energy, space and time etc. leads to new discoveries in science. These discoveries generate the technological advances that continue to drive the economic engines of the world. It not only contributes to the development of scientific as well as technological infrastructure but also provides trained personnel needed to take advantage of such scientific advances and discoveries. In order to produce such skilled human resources we are taking a step by providing Bachelor as well as Master Degree in Physics at University of Science and Technology, Meghalaya (USTM). The degrees provide students with excellence in teaching and learning in a competitive and research environment. For the Master Degree course, numbers of specializations are offered such as Condensed Matter Physics, High-Energy Physics, Laser, nonlinear and Quantum optics, Electronics etc. The Department is taking guidance from CSIR-NEIST, Jorhat, NIT Silchar, Gauhati University, IIT-G and Tezpur University with which USTM has signed MoU.

Carrier Scope:

There are numerous job opportunities for B. Sc. in Physics students in various fields of public and private sectors. Several of govt. sectors viz. DRDO (CEPTAM programme), IOCL, ONGC, State Public Service Commissions, Nationalised Banks etc. while, those who opt higher studies can choose number of master programmes like in Physics, Geophysics, Electronics, Astrophysics, Radiology etc. and make themselves eligible for more standard career opportunities. For post graduates in Physics, there are immense potentialities to pursue advanced research in different institutes or industries as skilled physicist. After completing post graduation, students can easily pursue research which enables them to go for their dream organizations like BARC, ISRO, CSIR, DRDO, PRL, SINP, VECC, TIFR, HRI, IACS, IUCAA, IIA, IISc, IIT, ISI, TATA Steel, Defence, Oil sector, and many other national and international industries as well as research organizations. M. Sc. Physics freshers also have opportunities to get absorbed in some govt. jobs like in Air Traffic Control, ONGC Graduate Trainee, NTPC, BHEL, WIPRO, TCS, CTS, INFOSYS, TATA MOTORS etc.. Moreover, teaching at graduate & post graduate levels like in different universities also requires a large number of qualified personnel at M.Sc. or Ph.D. Levels.



Courses Offered:

B.Sc Physics

Duration : 3 years

Eligibility : HS/(10+2) Science with Physics /Chemistry Biology/Mathematics/Biotechnology/Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees:

Admission Fee : Rs. 33,000.00
Tuition Fee per Semester : Rs. 30,000.00

Course Content:

Semester I:

Mathematical Physics-I	Mechanics
Mathematical Physics-I Practical	Mechanics Practical
Organic Chemistry Lab	Communicative English
Organic, Inorganic & Physical Chemistry-I	

Semester II:

Electricity and Magnetism	Waves and Optics
Electricity and Magnetism Practical	Waves & Optics Practical
Inorganic Chemistry Lab	Environmental Studies
Organic, Inorganic and Physical Chemistry-II	

Semester III:

Mathematical Physics-II	Thermal Physics
Digital Systems and Applications	Thermal Physics Practical
Basic Instrumentation Skill	Vector Analysis
Classical Algebra and Trigonometry	
Mathematical Physics-II Practical	

Semester IV:

Nuclear Physics
 Elements of Modern Physics
 Analog Systems and Applications
 Nuclear & Electronics Practical
 Applied Optics
 Calculus
 Abstract Algebra
 Elements of Modern Physics Practical

Semester V:

Quantum Mechanics
 Solid State Physics
 Classical Dynamics/Applied Dynamics
 Nanomaterials and Applications/Advanced Mathematical Physics
 Quantum Mechanics & Applications Practical
 Solid State Physics Practical
 Introduction to Biophysics Practical/Applied Dynamics Practical
 Nanomaterials and Applications Practical /
 Advanced Mathematical Physics Practical

Semester VI:

Electromagnetic Theory	Statistical Mechanics
Electromagnetic Theory Practical	Statistical Mechanics Practical
Mathematical Physics III Practical	Basic Atmospheric Physics
Mathematical Physics III/Introduction to Earth Science	
Astronomy & Astrophysics/Physics of Devices & Instrumentation	
Dissertation	

MSc Physics

Duration : 2 years

Eligibility : Graduation with Physics having 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 45,000.00

Course Content:**Semester I:**

Mathematical Physics-I	Classical Mechanics
Quantum Mechanics - I	Electronics
Physics Laboratory-I	

Semester II:

Electromagnetics & Plasma Physics	
Computational Physics	Condensed Matter Physics
Physics Laboratory-II	Computational Physics Practical
Atomic, Molecular and laser Physics	





Semester III:

Mathematical Physics - II
Nuclear Physics
Electronics and Communication Technology-I
High Energy Physics
Laser, Nonlinear & Quantum Optics-I
Physics Laboratory-III
MDC

Semester IV:

Statistical Physics
General Theory of Relativity and Astro Physics
Condensed Matter Physics-II
Electronics and Communication Technology-II
Laser, Nonlinear & Quantum Optics-II
Advanced High Energy Physics
Project

Department of Mathematics

Academic Focus:

The study of mathematics is quite important, both, at the basic level and in its applied form. It is believed that basic sciences such as mathematical science can be thought as the bread you eat for breakfast, and technology as the butter you spread over it. One can't depend solely on butter without having bread.

Wherever you go, whether it is economics or consultancy or computer science, mathematics is necessary for the execution of plans. In industry too, in order to compute inventory lapses, mathematical sciences play a very important role.

Courses Offered:

BSc Mathematics

Duration : 3 years

Eligibility : HS/(10+2) Science with Mathematics/Physics /Chemistry/Biology/Biotechnology/Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees:

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 25,000.00

Course Content:

Semester I:

Classical Algebra and Trigonometry
Calculus and Co-ordinate Geometry 2D
Ordinary Differential Equation & Special Functions
Physics-I
Communicative English

Physics-I Lab

Semester II:

Vector & Matrices
Co-Ordinate Geometry 3D
Physics-II Lab
Real and Complex Analysis
Physics-II
Environmental Studies

Semester III:

Statics & Dynamics
Organic Chemistry Lab
Linear Programming & Optimization
Organic, Inorganic and Physical Chemistry-I
P.D.E & Laplace Transformation
Abstract Algebra I

Semester IV:

Real Analysis II
Numerical Analysis
Organic, Inorganic and Physical Chemistry-II
Inorganic Chemistry Lab
Rigid Dynamics
Programming in C

Semester V:

Hydrostatics
Linear Algebra
Abstract Algebra II
Mathematical Modeling/ Advanced Calculus
Topology I
Discrete Mathematics

Semester VI:

Hydrodynamics
Number Theory & Cryptography
Theory of Probability
Spherical Trigonometry & Astronomy/ Industrial Mathematics
Topology II
Project

MSc Mathematics

Duration : 2 years

Eligibility : B.Sc with Mathematics / Chemistry / Physics/ Statistics as honours Subject, along with any two of the following as subsidiary subjects: (i) Biotechnology (ii) Chemistry, (iv) Botany, (v) Zoology, (vi) Physics (vii) Mathematics and viii) Statistics with 45% marks in aggregate (5% relaxation for Reserved Categories).

* Mathematics either as honours or subsidiary subject is must.

Course Fees

Admission Fee : Rs. 38,000.00

Tuition Fee per Semester : Rs. 30,000.00

Course Content:

Semester I

Analysis-I

Differential Equation

Abstract Algebra-I

Numerical Analysis

Linear Analysis

Semester II

Topology

Complex analysis

Differential Equation and special function

Tensor and Mechanics Mechanics & Tension

Computer Programming With C & Mathematics

Semester III

Number Theory

Functional Analysis

Mathematical Methods

Continuum Mechanics and Hydrodynamics

Special Theory of Relativity/Operation Research

Semester IV

Graph Theory

Advanced Partial Differential Equation

Fluid Dynamics/ Space Dynamics

Dynamical System / General Theory of Relativity / Advanced

Algebra

Project



School of Allied Medical Sciences

USTM, Institute of Physiotherapy is one of the esteemed Institutes in the field of Physiotherapy which was established in 2017, in the state of Meghalaya. The USTM Institute of Physiotherapy & Rehabilitation train efficient professionals in the art of relieving human pain and suffering, using the evidence based practice in the field of physiotherapy, latest skill and instruments coming from the most advanced centres of quality production. The institute is fully equipped with the ultramodern labs with ultramodern research equipments.

The Institute excels in producing fully trained physiotherapists to meet the growing demand in the global market. The clinical skills of the students are nurtured by the postings of the students in Medical College & Hospital. Having achieved a remarkable progress in a short span of time, the Institute has also recently introduced Master of Physiotherapy (MPT).

University College of Physiotherapy & Research

Academic Focus:

Bachelor of Physiotherapy course deals with the assessment, planning and implementation of rehabilitation programs. This course helps the student to strengthen the foundation by having clear understanding of subject and importance of hands on technique to cure the pain of the patient. The practical approach for assessment, diagnosis and treatment with the association of outdoor facilities available in college make them learn to connect the theoretical and clinical concepts together. Towards the end of the programme the students can independently practice and are enriched with theoretical and clinical knowledge and can better understand the patient's pain and even help people at any stage of life in every sphere of society.

Master of Physiotherapy program aims to prepare postgraduate students towards his/her professional autonomy and inculcate the concept of research and evidence-based practice. The program also aims to incorporate the concept of management in Physiotherapy and experience in clinical training, and undergraduate teaching partly, to acquaint the student with the concept of quality care at the institutional as well as the community level.

Career Scope:

Physical therapy is one of the most popular courses in modern medicine world over and through the academic era spread over decades. Physiotherapy is a health care profession which views human movements as central to the health and well-being of an individual. It is the system of treatment of disease and disability using physical exercises, electrotherapeutic modalities and manual therapy techniques with referral and first contact clinical practice.

It is the most important rehabilitative service needed in a community and a vital therapeutic supplement of the medical profession integral to the treatment of most patients. Physiotherapists are as essential as doctors in helping to recover and rehabilitate a patient. They must have a thorough knowledge of the human anatomy and the way the bones, muscles and nerves move. Physiotherapists treat a wide range of ailments, so specialization is possible in areas such as Pediatrics, Geriatrics, Orthopedics, Sports Physical Therapy, Neurology, Clinical Electro Physiology, Cardiopulmonary Therapy, Hand Rehab, Biomechanics, Manual Therapy, Gynecology and Ergonomics. Physiotherapists have a wide range of scope in India as well as in abroad. Physiotherapists are appointed in hospitals with a role also in critical care, early intervention program with the national health delivery system, primary health centres, educational institutions, research centers, special schools, community centers and in sports teams. The job of a physiotherapist, which is preventive, restorative and rehabilitative, is challenging but lucrative at the same time.



Courses Offered:

Bachelor of Physiotherapy (BPT)

Duration : 4 years

Eligibility : HS (10+2) Science with Biology/ Chemistry / Physics / Mathematics / Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Intake : 60

(20% of the total seats will fill up through Management Quota)

Course Fees :

Admission Fee : Rs. 40,000.00

Tuition Fee per Semester : Rs. 45,000.00

Course Content :

Semester I

Communicative English

Human Physiology-I

Sociology

Human Anatomy-I

MECA & Basic Electrotherapy

Semester II

Human Anatomy-II

Exercise Therapy-I

Biochemistry

Human Physiology –II

Electrotherapy I

Clinical Psychology

Semester III

Exercise Therapy-II

Pathology

Pharmacology

Electrotherapy –II

Microbiology

Biomechanics

Semester IV

General Medicine

Biostatistics

Supervised Clinical Training-I

Obstetrics, Gynaecology & Pediatrics

General Surgery

First Aid and Emergency

Semester V

Clinical Orthopedics

Community Medicine

Clinical Cardiorespiratory Conditions

Supervised Clinical Training –II

Clinical Neurology & Psychiatry

Research Methodology

Semester VI

Physiotherapy for Traumatic Orthopedic Conditions

Physiotherapy for Obstetrics & Gynaecological Conditions

Physiotherapy for Medical & Surgical Conditions

Advanced Exercise Therapeutics Bioengineering

Semester VII

Physiotherapy for Neurological Conditions

Physiotherapy for Non Traumatic Orthopedic Conditions

Physiotherapy for Cardio Respiratory Conditions

Alternative Medicine

Semester VIII

Physiotherapy in Sports and Allied Therapeutics

Physiotherapy in Geriatrics and Hand Conditions

Preventive and Community Physiotherapy

Ergonomics

Ethics and Administration

Project

Semester IX Internship

Master of Physiotherapy (MPT)

Duration : 2 years

Eligibility: The candidates who have passed full time BPT degree with the duration of study of 4 years from any University in India or abroad considered equivalent with not less than 50% of marks are eligible for admission. The candidate must have also completed 6 months of compulsory rotatory internship.

Course Fees :

Admission Fee : Rs. 40,000.00

Tuition Fee per Semester : Rs. 45,000.00

Course Content :

Electives Offered:

1. Master of Physiotherapy in Musculoskeletal Disorders
2. Master of Physiotherapy in Sports
3. Master of Physiotherapy in Neurological & Psychosomatic Disorders
4. Master of Physiotherapy in Cardio-Respiratory Disorders
5. Master of Physiotherapy in Pediatrics

Semester I

Principles of Physiotherapy Practice

Research Methodology and Biostatistics

Biomechanics-I

Electrophysiology

Semester-II

Biomechanics-II

Exercise Physiology

Physical and functional diagnosis-I

Yoga

Semester-III

Physiotherapeutic-I

Physical & Functional diagnosis-II

Human values and Professional ethics

Elective-I

- a. Musculoskeletal Disorders
- b. Sports
- c. Neurological and Psychosomatic Disorders
- d. Cardio- Respiratory Disorders
- e. Pediatrics

Semester-IV

Physiotherapeutics –II

Dissertation, Clinical training, Seminar, Journal club, Case discussion

Soft skill development

Elective-II

- a. Musculoskeletal Disorders
- b. Sports
- c. Neurological and Psychosomatic Disorders
- d. Cardio-Respiratory Disorders
- e. Pediatrics

School of Pharmaceutical Sciences

Approved by Pharmacy Council of India

Academic Focus:

Diploma in Pharmacy (D Pharm) is a 2 years Diploma Programme approved by Pharmacy Council of India. D. Pharm programme give a good exposure to the candidates those who want to make career as Pharmacist, Chemist, Business development officers in Pharmaceutical companies.

A Bachelor of Pharmacy (abbreviated B Pharm) is an undergraduate four years academic degree program in the field of pharmacy. B.Pharm program provides a well-balanced exposure to students who wish to have a career in research, quality control, marketing apart from clinical pharmacy. The program is approved by Pharmacy Council of India (PCI) the statutory body governing pharmacy profession in India. The core pharmacy subjects include Pharmaceutics Pharmaceutical Chemistry Pharmacognosy and Pharmacology.

The programme mainly focuses on preparing the students and training them for industry-ready holistic pharmaceutical practices. The program gives equal importance towards industrial visits and field trips along with practical sessions to ensure that students receive a perfect exposure to the real-world situations while learning.

Career Scope:

The qualification in Pharmacy gives enormous national and international career and employment opportunities in area such as Research and Development, Pharmaceutical manufacturing, Pharma Analysis and quality Control, Regulatory Affairs, Pharmaceutical Administration and Management, Drug Control Administration, Academics, Medical underwriter, Marketing, Hospitals & Health care etc. Career includes Pharmacist in government hospital, semi government or private hospitals, Pharmacist in government institutions like railway, army, DRDO, ISRO, DVC etc., Chemist in pharmaceutical manufacturing industry, Drug controller, Drug Inspector, Drug analyst, Pharma industry- Production, Quality assurance, Quality control, Packaging, Consultant, Marketing executive, PMT, T&D

Courses Offered:

Diploma in Pharmacy (D. Pharm)

Duration : 2 years

Eligibility : HS (10+2) Science with Chemistry / Physics / Biology/ Mathematics/Biotechnology/Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Intake : 60

(20% of the total seats will fill up through Management Quota)

Course Fees :

Admission Fee : Rs. 45,000.00

Half yearly Tuition Fee : Rs. 55,000.00

Course Content:

First Year

Pharmaceutics- I (Theory & Practical)

Pharmacognosy (Theory & Practical)

Human anatomy and physiology (Theory & Practical)

Biochemistry and clinical pathology (Theory & Practical)

Pharmaceutical chemistry - I (Theory & Practical)

Health education and community pharmacy (Theory)

Second Year

Pharmaceutics-II(Theory & Practical)

Hospital & clinical pharmacy (Theory & Practical)

Pharmaceutical jurisprudence (Theory & Practical)

Pharmacology & toxicology (Theory & Practical)

Pharmaceutical chemistry - II (Theory & Practical)

Drugs store and business management (Theory)

Bachelor of Pharmacy (B. Pharm)

Duration : 4 years

Eligibility : HS (10+2) Science with Chemistry / Physics / Biology/ Mathematics/Biotechnology/Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Intake : 60

(20% of the total seats will fill up through Management Quota)



Course Fees :

Admission Fee	: Rs.	50,000.00
Tuition Fee per Semester	: Rs.	60,000.00

Course Content:**Semester I:**

Human Anatomy and Physiology I–Theory
Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry –Theory
Communication skills – Theory
Remedial Biology/Remedial Mathematics – Theory
Human Anatomy and Physiology –Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry –Practical
Communication skills – Practical
Remedial Biology – Practical

Semester II:

Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Biochemistry – Theory
Pathophysiology – Theory
Computer Applications In Pharmacy – Theory
Environmental sciences – Theory
Human Anatomy and Physiology II –Practical
Pharmaceutical Organic Chemistry I – Practical
Biochemistry – Practical
Computer Applications In Pharmacy – Practical

Semester III:

Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering –Practical

Semester IV:

Pharmaceutical Organic Chemistry III– Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I– Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical

Semester V:

Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Pharmacology II – Theory



Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory
Industrial PharmacyI – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical

Semester VI:

Medicinal Chemistry III – Theory
Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics –Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance –Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical

Semester VII:

Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School

Semester VIII:

Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Computer Aided Drug Design
Cell and Molecular Biology
Cosmetic Science
Experimental Pharmacology
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work



School of Biological Sciences

The main objective of the School is to be the pioneer of modern interdisciplinary biological sciences by integrating emerging disciplines with biological sciences. The School of Biological Sciences aspires to achieve excellence in research and teaching. Our mission is to create new knowledge about biological processes and principles, and to disseminate this knowledge by educating and mentoring students/scholars, about the factual knowledge and the experience of discovery in biology.

Department of Applied Biology

Academic Focus:

Applied biology is a broad area where biological knowledge is put into application, mainly through use of modern advancements in science and technology. Likewise, biotechnology is the use of living systems and organisms to develop or make useful products, or "any technological application that uses biological systems, living organisms or derivatives thereof, to make or modify products or processes for specific use". We aim at enriching knowledge on the natural resources of the region which are yet to be exploited. Special importance is given on the human resource development from young talents of North East so that they become competent group of scientists as well as technical personal. The department has made collaborations with Gauhati University, JNU, JMI, CSIR-NEIST, Jorhat, CRRRI-New Delhi, and many other reputed Institutions. It is also undertaking many research projects. Food science & Technology is a standard introduction to the range of technology used in food manufacturing starting from understanding the nutritive value of different foods,

raw materials preparation to packaging, storage and distribution. It reviews all the main technologies, covering the underlying theory, advantages and disadvantages, equipment and principal applications and effects on the sensory and nutritional properties of foods

The department presently offer B.Sc., M.Sc. and Ph.D. programmes.

Career Scope:

Biotechnology, Microbiology and Food Science are mainly research-oriented Programmes. One can be a Research Scientist, Teacher, Marketing manager, Science Writer, Bioinformatics, Quality Control Officer or Production In-charge in the Food, Chemical and Pharmaceutical Industry, Analyst (Venture-Capitalist) Environmental / Safety Specialist, Drug Discovery, clinical trials and production of novel fruits and vegetables with high therapeutic properties. A graduate/ Post graduate/ Ph.D. can get job in government sectors such as Universities and Colleges, Research institutes or at Private Centers as Research scientists/ assistants.

Courses offered

BSc Biotechnology

Duration : 3 years

Eligibility : HS (10+2) Science with Biology securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees:

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 33,000.00

Course Content:

Semester I

Biochemistry and Metabolism Cell Biology
Biotechnology & Human Welfare Communicative English
Practical on Biochemistry & Metabolism and Cell Biology

Semester II

Mammalian Physiology Microbial & Plant Physiology
Environmental Studies Developmental Biology
Practical on Mammalian Physiology and Microbial & Plant Physiology

Semester III

Genetics General Microbiology
Chemistry-1 Molecular Diagnostics
Bioethics and Biosafety
Practical on Genetics, General Microbiology and Chemistry-1

Semester IV

Molecular Biology Immunology
Chemistry-2 Enzymology
Entrepreneurship Development and IPR
Practical on Molecular Biology, Immunology, Enzymology and Chemistry-2

Semester V

Industrial Fermentations Recombinant DNA Technology
Plant Biotechnology Bioinformatics & Biostatistics

Practical on Industrial Fermentations, Recombinant DNA Technology, Bioinformatics and Plant Biotechnology

Semester VI

Bio Analytical Tools Genomics and Proteomics
Environmental Biotechnology Animal Biotechnology
Practical on Bio Analytical Tools, Environmental Biotechnology and Animal Biotechnology

MSc Biotechnology

Duration : 2 years

Eligibility : B.Sc with Biotechnology / Zoology/ Botany/ Microbiology with 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees:

Admission Fee : Rs. 38,000.00

Tuition Fee per Semester : Rs. 48,000.00

Course Content:

Semester I

Cell & Developmental Biology Biochemistry
Microbiology Bioinstrumentation
Practical -I

Semester II

Molecular Biology Immunology
Genetics Biostatistics, Bioethics and IPR
Practical-II

Semester III

Genetic Engineering Plant and Animal Biotechnology
Omics and Bioinformatics Food & Industrial Biotechnology
Practical-III

Semester IV

Environmental Biotechnology Research Methodology
Practical-IV
Dissertation Work and Lab. Visit Report





BSc Microbiology

Duration : 3 years

Eligibility : HS/(10+2) Science with Biology securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees :

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 30,000.00

Semester I

Fundamentals of Microbiology

Biochemistry

Phycology and Mycology

Communicative English

Practical-I

Semester II

Bacteriology

Virology

Microbes in Environment

Environmental Studies

Practical-II

Semester III

Microbial Physiology and Metabolism

Cell Biology

Agricultural Microbiology

Microbial Diagnosis in Health Clinics

Practical-III

Semester IV

Microbial Genetics

Environmental Microbiology

Food & Dairy Microbiology

Genetic Engineering

Food Fermentation Techniques

Practical-IV

Semester V

Medical Microbiology

Immunology

Instrumentation & Biotechniques

Bioinformatics

Practical-V

Semester VI

Industrial Microbiology

Recombinant DNA Technology

Advances in Microbiology

Biosafety & IPR

Practical-VI

MSc Microbiology

Duration : 2 years

Eligibility : B.Sc with Microbiology/ Zoology/ Botany/ Biotechnology / Veterinary Science with 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees :

Admission Fee : Rs. 38,000.00

Tuition Fee per Semester : Rs. 40,000.00

Course Content :

Semester I

General Microbiology and Bacteriology

Microbial Physiology and Biochemistry

Bio-instrumentation

Cell Biology

Practical-I

Semester II

Molecular Biology

Microbial Genetics and Genomics

Phycology and Mycology

Soil and Environmental Microbiology

Practical-II

Semester III

Industrial Microbiology and Recombinant DNA Technology

Virology

Clinical Microbiology and Diagnostic Techniques

Immunology

Practical-III

Semester IV

Research Methodology, Biostatistics and Bioinformatics

Special Paper: Microbial Diversity/Agricultural Microbiology/

Food Microbiology and Fermentation Technology/ Medical

Microbiology

Practical-IV

Dissertation

BSc Food Science & Technology

* Under the Assistance of Ministry of Food Processing Industries, Govt. of India.

Duration : 3 years

Eligibility : HS (10+2) Science with Chemistry / Physics / Biology/ Mathematics / Computer Science securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 30,000.00

Semester I

Introduction to food Science and Technology

Biochemistry and Nutrition

Food processing & preservation Food Chemistry

Communication and Documentation Skills

Practical –I

Semester II

Unit operations in Food Processing

Basic and Food Microbiology

Technology of Fruits and Vegetables Processing

Sensory Evaluation of Foods Environmental Studies

Practical –II

Semester III

Food Toxicology and Safety

Dairy Technology

Pulses and Oilseed Technology

Instrumental Techniques in Food Analysis

Food Process Engineering

Practical –III

Semester IV

Technology of Beverage, Plantation Crops and Spices

Bakery, Confectionary and Extruded Foods

Food Packaging Technology

Statistics and Data Analysis

Food Product Development

Practical –IV

Semester V

Business Management and Entrepreneurship

Meat, Poultry & Fish Technology

Food Quality Standards and Regulations

Neutraceuticals and Functional Foods

Tea Plantation Technology

Food Biotechnology and Toxicology

Practical –V

Semester VI

Food Hygiene and Sanitation

Aromatic and Medicinal Plant

Industrial Training & Report Writing

Seminar

Project/ Dissertation

Practical -VI



Department of Botany

Academic focus:

The Department of Botany deals with micro and macro flora. The Department is established with an aim of empowering quality education to every section of the society and research based on recent developments in Botany. The exceptionality of the department lies in the fact that inside the department, there are dedicated and experienced faculties representing almost every section of modern Botany. The department provides the best quality teaching to post graduate students where teachers are specialized in their respective fields. The research thrust areas of the department are Floristic studies of North-Eastern region with special reference to orchids, Stress physiology, Pharmacology, Biodiversity conservation, Forest ecology, Ecosystem research, Limnology, Algology, AM fungal diversity, Plant microbe interaction, Bioremediation and Cytogenetics. The department has made collaborations with CSIR-NEIST, Jorhat, NIT Silchar, Tezpur University, Jawaharlal Nehru University, Universitas Ngurah Rai, Indonesia, Bangladesh University of Health Sciences (BUHS), CRRRI-New Delhi, HI-Tec Ireland and many other universities to provide students, research scholars and teachers a platform to share their ideas and explore the recent developments in plant science and also to share the modern technical facilities. The department also organizes seminars, workshops, fieldtrips and excursions for overall development of the student.

Career scope:

Career scope for post graduate students are teaching position in schools, colleges and universities; researcher/scientist in highly reputed research institutes in India as well as in abroad; jobs in forest department; Research Fellow in Government funding projects; finically assisted higher studies (M.Phil., Ph.D.), Research Analyst in pharmaceutical and food & beverage industry etc.

Special papers offered in M.Sc. Programme:

1. Cytology, Genetics and Plant Breeding
2. Advanced Plant Physiology and Biochemistry
3. Angiosperm Taxonomy
4. Plant Ecology
5. Microbiology
6. Mycology & Plant Pathology

Courses offered

BSc Botany

Duration : 3 years

Eligibility : HS (10+2) Science with Biology securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees :

Admission Fee	: Rs.	33,000.00
Tuition Fee per Semester	: Rs.	30,000.00

Course Content:

Semester I:

Phycology and Lichen
Archegoniates & Palaeobotany
Phycology and Lichen-Practical
Archegoniates and Palaeobotany-Practical
Invertebrate Biology and Ecology
Invertebrate Biology and Ecology-Practical
Communicative English

Semester II:

Anatomy, Palynology and Embryology
Instrumentation and Laboratory Techniques
Anatomy, Palynology and Embryology-Practical
Instrumentation and Laboratory Techniques-Practical
Chordate Diversity, Comparative Anatomy and Evolution
Vertebrate Biology and Histology-Practical
Environmental Science

Semester III:

Angiosperm Taxonomy	Mycology and Plant Pathology
Cytology and Genetics	Biofertilizer
Angiosperm Taxonomy and Mycology-Practical	



Plant Pathology, Cytology and Genetics-Practical
Organic, Inorganic and Physical Chemistry
Organic, Inorganic and Physical Chemistry-Practical

Semester IV:

Microbiology Plant Physiology
Ecology and phytogeography
Microbiology and water relations-Practical
Plant Physiology and Ecology-Practical
Nursery and Gardening
Organic, Inorganic and Physical Chemistry
Organic, Inorganic Physical Chemistry-Practical

Semester V:

Pharmacognosy Economic Botany
Pharmacognosy-Practical Economic Botany-Practical
Stress Biology Stress Biology-Practical
Plant Breeding Plant Breeding-Practical

Semester VI:

Molecular Biology Applied Botany
Molecular Biology-Practical Applied Botany-Practical
Plant Resource Management
Plant Resource Management-Practical
Horticultural Practices and Post Harvest Technology
Horticultural Practices and Post Harvest Technology-Practical

MSc Botany

Duration : 2 years

Eligibility : B.Sc with Botany / Life Sciences with 45% marks
in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 48,000.00

Course content :

Semester I

Lower cryptogams
Higher cryptogams, Gymnosperms and Paleobotany
Advanced morphology, Anatomy and Taxonomy of Angiosperms
Practical I Lower Plant Diversity
Practical II Anatomy, Morphology, Taxonomy of Angiosperms

Semester II

Molecular Cell Biology
Biochemistry of Advanced Plant Physiology
Cytology, Genetics & Plant breeding
Practical III Biochemistry of Advanced Physiology
Practical IV Cytology, Cytogenetics,
Molecular Biology and Plant Breeding

Semester III

Plant pathology and Microbiology
Biophysical instrumentation, Plant tissue culture, Palynology and
Developmental botany
Plant Ecology
Microbiology, Plant Pathology, biotechnology and Developmental
Biology-Practical
Plant Ecology-Practical
Biofertilizer and Organic farming/ Plant resource utilization and
conservation

Semester IV

Biostatistics, Computer application and Bioinformatics
Cytology, Genetics and Plant Breeding/Advanced Plant Physiol-
ogy and Biochemistry/Angiosperm Taxonomy
Plant Ecology/Microbiology/Mycology and Plant Pathology
Plant resource utilization and conservation/ Biofertilizer and
Organic farming





Department of Zoology

Academic Focus:

The Department of Zoology deals with Scientific study of animals. The department is established to empower research and higher education in the field of Zoological sciences in the North-eastern Zone of India. The department aims for more concept based and applied learning in the subject to enable the students as well as to motivate them to get absorbed in any suitable and relevant fields for their career. At the same time the department also focuses in the more recent fields of Life Sciences with traditional disciplines to mould and motivate the students for novel and outstanding future areas in research and development. The department offers well maintained and sophisticated laboratory with all modern tools and amenities. The department organizes seminars, fieldtrips, and excursions for the overall improvement of the students. The department provides both bachelor, master degree and Ph.D programmes in Zoology.

Career Scope:

A post graduate in Zoology can be absorbed in teaching position in schools, colleges, Universities and International NGOs. Students can opt for a career as a researcher / scientist in highly reputed research institutes in India as well as in abroad. A postgraduate student can also opt for managerial positions in fields like Zoos and Museums etc. Besides, one can join any reputed organization as Zoologist, Microbiologist, Environment consultant, Conservationist, Park ranger, Geneticists, Molecular Biologist etc.

Courses offered

BSc Zoology

Duration : 3 years

Eligibility : HS (10+2) Science with Biology securing 45% marks in aggregate (5% relaxation for Reserved Categories).

Course Fees :

Admission Fee : Rs. 33,000.00

Tuition Fee per Semester : Rs. 30,000.00

Course Content :

Semester I:

Non-Chordates-I: Protista to Pseudoceolomates
Non-Chordates-I: Protista to Pseudoceolomates-Practical
Ecology Ecology-Practical
Diversity of Cryptograms
Diversity of Cryptograms-Practical
Communicative English

Semester II:

Non-Chordates II: Annelida to Echinodermata
Cell Biology Cell Biology Practical
Invertebrate-II Practical
Diversity of Seed Plants- Morphology, Anatomy & Systematics
Diversity of Seed Plants- Morphology, Anatomy & Systematics-Practical
Environmental Studies

Semester III:

Diversity of Chordates
Physiology: Controlling and Coordinating systems
Fundamentals of Biochemistry Vertebrate Practical
Physiology Practical Skill Enhancement Course-I
Organic, Inorganic and Physical Chemistry
Organic, Inorganic and Physical Chemistry-Practical

Semester IV:

Comparative Anatomy of Vertebrate
Physiology: Life Sustaining Systems
Biochemistry of Metabolic Processes
Comparative Anatomy Practical
Biochemistry Practical Skill Enhancement Course-II
Organic, Inorganic and Physical Chemistry
Organic, Inorganic Physical Chemistry-Practical

Semester V:

Molecular Biology Principles of Genetics
Fish and Fishery Parasitology
Molecular Biology-Practical Principles of Genetics-Practical
Fish and Fishery-Practical
Parasitology-Practical

Semester VI:

Developmental Biology
Evolutionary Biology
Reproductive Biology
Wildlife Conservation and Management
Developmental Biology-Practical
Evolutionary Biology-Practical
Reproductive Biology-Practical
Wildlife Conservation and Management-Practical

MSc Zoology

Duration : 2 years

Eligibility : B.Sc. With Zoology securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 48,000.00

Course content:

Semester I:

Taxonomy, Biosystematics and Biostatistics
Bio-instrumentation and Cell Biology
Animal Physiology and Endocrinology
Taxonomy, Biosystematics and Animal Physiology-Practical
Bio-instrumentation and Cell Biology-Practical

Semester II :

Developmental and Reproductive Biology
Molecular Biology and Biochemistry
Ecology and Environmental Science
Ecology & Environmental Science and Reproductive & Developmental Biology-Practical
Molecular Biology and Biochemistry-Practical

Semester III

Genetics and Evolution
Parasitology, Economic Entomology and Aquatic Biology
Cell and Molecular Biology-I/Animal Ecology and Wildlife Biology-I/Fish & Fishery Biology-I/Entomology: Insect Physiology & Economic Entomology-I
Genetics and Evolution, Parasitology, Economic Entomology and aquatic Biology -Practical
Cell and Molecular Biology-I/Animal Ecology and Wildlife Biology-I/ Fish & Fishery Biology-I/Entomology Insect Physiology & Economic Entomology-I-Practical

MDC

Semester IV

Immunology, Bioinformatics and Research Methodology
Cell and Molecular Biology-II/ Animal Ecology and Wildlife Biology-II/ Fish & Fishery Biology-II/ Entomology: Insect Physiology & Economic Entomology-II
Immunology, Bio-informatics and Research Methodology-Practical
Cell and Molecular Biology-II/ Animal Ecology and Wildlife Biology-II/ Fish & Fishery Biology-II/ Entomology Insect Physiology & Economic Entomology-II -Practical
Dissertation: Cell and Molecular Biology/ Animal Ecology and Wildlife Biology/Fish & Fishery Biology/Entomology



School of Business Sciences

Approved by AICTE, New Delhi

The main objective of SBUS is to provide quality education and to cater the dynamic needs of the corporate world through the following departments.

Department of Business Administration

Academic Focus:

The Department of Business Administration, USTM offers full time BBA & MBA (approved by AICTE) programmes. The focus of the department is on imparting quality management education and the course curriculum has been designed keeping in mind industry specific needs. It is based on teamwork and uses a number of pedagogical methods, including case-studies, lectures, simulations and integrative exercises. Our curriculum provides the students with a lifelong framework of practical and intellectual skills that will serve them throughout their career.

Career Scope:

This course provides a holistic understanding of business to the students along with the development of all round personality, multi-tasking ability and analytical & decision making skills. It would help them in building their career as a successful professional as well as entrepreneurs.

Objective :

Department of Business Administration, USTM provides the right atmosphere to develop a perfect manager out of an individual. The program aims to groom students into competent professional managers with:

- ▶ Multi dimensional & Multi tasking ability;
- ▶ Ability to go for better strategic decision making;
- ▶ Capacity to understand & adapt to business environment changes;

- ▶ Capacity to work effectively & efficiently, both individually & in groups;
- ▶ Capacity to develop Entrepreneurial skills;
- ▶ Ability to exploit newly created opportunities in the Management Profession;
- ▶ Skills to solve strategic problems with analytical approach;

Courses Offered :

Bachelor of Business Administration (BBA)

Duration : 3 years

Eligibility : HS (10 + 2) in any discipline securing 45% marks in aggregate (5% relaxation for Reserved Categories.)

Course Fee :

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 25,000.00

Course Content:

Semester I

Business Communication
Business Environment
Computer Fundamental

Principles of Management
Business Economics

Semester II

Environmental Studies
Marketing Management
Quantitative Techniques

Human resource Management
Financial Accounting

Semester III

Organizational Behavior
Cost & Management Accounting Business Law
Entrepreneurship and Small Business Management/ Agri- Business Management
Management Information System

Semester IV

Financial Management-I
Management of Services
International Business/International Marketing

Research Methods
Enterprise Resource Planning

Semester V

Retail Management/ Knowledge Management/Stock Market Operation
Fundamentals of Production and Operation Management
Group A/Group B/Group C
Project Report

Group A

Advertising and Sales Promotion
Rural Marketing

Group B

Man Power Planning
Compensation Benefits

Group C

Indian Financial System
Financial Management-II (Corporate finance)

Semester VI

Strategic Technology Management
Market Research/HRIS or Computation of Compensation Package/ Mutual Fund or Pinnacle
Financial Institutions and Market
Group A/Group B/Group C

Group A

Service Marketing
E-Marketing

Group B

Change Management
Industrial Relation

Group C

Financial Services

Working Capital Management



Master of Business Administration (MBA)

(Approved by AICTE, New Delhi)

Duration : 2 years

Eligibility : Graduation in any discipline with minimum 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee :

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 50,000.00

Course Content:

Semester I

Management Process and Organization Behavior

Marketing Management-I

Human Resource Management-I

Financial Accounting

Quantitative Techniques

Information Technology in Business

Managerial Economics

Business Environment

Semester II

Marketing Management-II

Human Resource Management-II

Cost and Management Accounting

Financial Management

Business Research Methods

Production And Operation Management

Strategic Technology Management and Intellectual Property

Right/Social Marketing

Business Regulatory Framework

Soft Skill and Business Negotiation

Semester III

Strategic Management

Digital Business –I

Consumer Behavior

International Marketing

Product and Brand Management

Specialization- Group- B/C/D/E

Corporate Governance and Corporate Social responsibility(MDC)

Semester III (Specialisation Papers)

Group- B (Human Resource Management)

Manpower Planning and Resourcing

Employee relationship Management and Labour Laws

Management and organization Development

Group- C (Finance)

Banking and Insurance International Finance

Security Analysis and Portfolio Management



Group- D (Entrepreneurship and Small Business Management)

Entrepreneurship and Small Business Management

Introduction to Industry Verticals

Project Formulation and Reporting

Group-E (Agri Business Management)

Environment and Agri Business Management

Agri business and Rural Marketing

Agri input Management

Semester IV

Supply Chain Management

Digital Business –II/ Corporate Governance and Business Ethics

Service Marketing

Advertising and Sales Management

Specialization-B/C/D/E

Summer Project Report

Summer Project Viva

Basics of Management(MDC)

Semester IV (Specialisation Papers)

Group- B (Human Resource Management)

Compensation Management and Labor Welfare Laws

Talent Management

Group- C (Finance)

Advance Financial Services

Management of Financial Derivatives

Group- D (Entrepreneurship and Small Business Management)

New Enterprise Financing and Appraisal

Business Opportunities and Modeling

Group- E (Agri Business Management)

Agri business Technology Management & Agri Cultural Marketing Institutions

Agri Business Opportunities

Additional Program(Optional) students may opt for

(i) OLPE (open learning program on entrepreneurship from EDII, Ahmedabad)

(ii) Sales Management (Internship)

Department of Commerce

Academic Focus:

Commerce is regarded as professional avenue oriented discipline having several components constituting the core element of business. It will provide a platform for blending of theoretical knowledge with a practical orientation that will entail a specialized skill and aptitude to solve real life problems with analytical ability. It is a dynamic concept which gets changed with the latest development and contemporary business practices followed across the entire business world. The focus is on building a structure to ignite inherent intellectual stimulus prevailing among the youths, nurture that which will help to analyse the business policies and reform the same according to the requirement of time and to best adapt to the situation to make the business sustainable in the long run.

Career Scope:

In the present changing scenario, Commerce as a course provides ample opportunities for growth and employability in different areas. Commerce is considered as a popular field in order to acquaint oneself with knowledge and practice of accounting, finance, taxation, management, marketing and other related fields of business. Following are the few areas of career prospects in commerce: Teaching and Research, Chartered Accountant, Company Secretary, Cost & Management Accountant, Financial Analyst, HR Executive, Market Researcher, Certified Public Accounting, Investment Analyst, Banking services, Entrepreneur, Portfolio Manager, Tax Auditor, Insurance Consultants, Agents, Stock Broker, Tax Consultant, Accountant, Project Assistant in various socio-economic institute and Universities, Civil Service Examination, etc.

Courses Offered :

B.Com, (Hons.)

Duration : 3 years

Eligibility : HS/10+2 in any stream securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee	: Rs. 33,000.00
Tuition fee per semester	: Rs. 20,000.00

Course Content:

Semester I

Communicative English	Financial Accounting
Business Law	Micro Economics
Business Organisation and Retail Trade Management	

Semester II

Environmental Studies	Corporate Accounting
Business Mathematics	Macro Economics
Management Principles and Applications	

Semester III

Human Resource Management	Income Tax Law and Practices
Banking and Insurance	Business Statistics
E-Commerce	

Semester IV

Cost Accounting	Corporate Law
Indian Economy	Entrepreneurship
Computer Applications in Business	

Semester V

Principles of Marketing	Management Accounting
Fundamentals of Financial Management	

Accounting and Finance: (Any two paper)

Corporate Tax Planning/Micro Finance /Financial Markets and Institutions

Human Resources / Marketing Management: (Any two paper)

Sales Management/ Advertising Management/ Human Resource Development

Semester VI

Auditing and Corporate Governance
Indirect Tax Law
Business Research Methods and Project Work

Accounting and Finance: (Any two paper)

Business Tax Procedures and Management/Fundamentals of Investment/ Computerised Accounting System

Human Resources / Marketing Management: (Any two paper)

Consumer Affairs and Customer Care/ International Business/ Industrial Relations and Labour Laws



M.Com.

Duration : 2 years

Eligibility : B.Com. securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs.30,000.00

Course Content:

Semester I

Business Economics

Business Environment

Financial Accounting & Reporting

Marketing Management and Consumer Behaviour

Human Resource Management

Semester II

Business Statistics and Operations Research

Organisational Theory and Behaviour

Financial Management & Control

Cost and Management Accounting

Financial Markets & Institutions

Semester III

Strategic Management

Business Research Methods

Corporate governance and Business Ethics

Group A (Accounting and Finance)

Tax planning and Management

International financial management

Group B (Human Resource Management & Marketing)

Advertising & Sales Management

Strategic Human Resource Management

MDC

Semester IV

Entrepreneurship Development and Project Management

International Business

Dissertation

Group A (Accounting and Finance)

Advanced Accounting

Security Analysis and Portfolio Management

Group B (Human Resource Management & Marketing)

International Marketing

Industrial Relations & Labour Laws



Department of Economics

Academic Focus:

The Master of Arts (MA) programme in Economics reflects new developments in the discipline. The curriculum has a strong theoretical and quantitative focus with all students being trained in the use of computers and statistical software that they find useful in their professional careers. The Programme includes a number of elective courses which allow the students to pursue their varied interests and diverse fields of specialization. It lays special emphasis on developing proper understanding of the socio-economic problems and specifics of North East India.

Career Scope:

There are a number of career opportunities in the field of Economics, which are in market research, equity research in the financial services sector, rural development, demographic studies and in the formulation of economic analysis and policies. It also offers career opportunities in Teaching, Indian Economic Service (IES), as Economist, Economic advisor or Econometrician, Researcher or Consultant, Analyst or Researcher etc.

Courses Offered :

MA Economics

Duration : 2 years.

Eligibility : BA/B.Sc/B.Com with Economics securing minimum 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 32,000.00

Course Content :

Semester I:

Micro Economic Analysis – I
Macro Economic Analysis-I
Economics of Growth and Development- I
Mathematical Methods for Economics
Political Economy

Semester II:

Micro Economic Analysis – II
Macro Economics-II
Statistics
Basic Econometrics

Welfare Economics

Semester III:

Public Economics
Economics of Social Sector
Economics of Growth and Development- II
Labour Economics/Research Methodology and Report Writing/
Industrial Economics/ Demography
MDC

Semester IV:

Indian Economics
Financial Economics
International Economics
Economics of Environment
Agriculture Economics/Advanced Econometrics/ Economy of North Eastern Region/ Operation Research.



School of Engineering & Technology

The School of Engineering and Technology (SOET) envisages ushering a new era of technical education in the North Eastern part of India and proposes to introduce several courses and programmes. Effective linkages with industry as well as developmental agencies will be established from time to time and accordingly a number of short term vocational/ occupational courses will be introduced in order to impart skill based training to the educated unemployed youths.

Department of Computer Science & Electronics

Academic Focus:

The main aim of the Deptt. of Computer Science is to meet the growing demand for qualified professionals in the field of Information Technology. This programme is inclined more toward Application Development and thus has more emphasis on latest programming language and tools to develop better and faster applications. It focuses on providing a sound theoretical background as well as good practical exposure to students in relevant areas. In addition it covers various aspects of computational theory, programming, algorithm design and optimization, network and database management, mobile technologies, electronics, mathematics, probability, statistics, accounting, finance, etc. As the IT and the software industry are dynamic and fast growing, all the programmes are designed keeping in view the requirements of industry.

Career Scope:

Students graduating from Deptt. of Computer Science pursuing MCA or MSc Computer Science begin their career as junior programmers and grow at a very fast pace to become systems analysts and project leaders. Since the course is also designed

towards the research side, some students pursue higher studies too. Job areas include banking, stock exchange, simulation, database management, e-commerce, networking, etc. Students after BCA can opt for post graduate course of MCA or even they can try for job opportunities. The BCA provides understanding and skills related to the use of computer and its application.

Courses Offered :

Bachelor of Computer Application (BCA)

Duration : 3 years

Eligibility : HS/(10+2) in any stream securing 45% marks in aggregate (5% relaxation for Reserved Categories)

N.B. : Applicants without Mathematics will have to undergo foundation course.

Course Fee:

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 25,000.00

Course Content:

Semester I

Communicative English Digital Logic & Design
Fundamentals of Computer Science
Programming Methodology and C Programming
Practical – I (PMCP & PC Packages)

Semester II

Data Structure through C Discrete Mathematics
Environmental Studies Practical – II (Data Structure)
Computer Organization & Architecture

Semester III

Object Oriented Programming with C++
Software Engineering Operating System
Relational Database Management System
Practical III (C++ & RDBMS)

Semester IV

Programming with Java Computer Networks
Minor Project Work (Database Project)
.Net Technology Practical IV (Java & VB.Net)

Semester V

Linux & Shell Programming Web Programming
E-commerce & Digital Marketing/ Artificial Intelligence/ Python
Financial Accounting
Practical V (Linux & PHP)

Semester VI :

Major Project



Master of Computer Application (MCA)

Duration : 3 years

Eligibility : Graduation in any discipline with 45% marks in aggregate (5% relaxation for Reserved Categories).

N.B. : Applicants without Mathematics will have to undergo foundation course. Lateral Entry facility is available to MCA 3rd semester for candidate having BCA, B.Sc (IT), B.Sc. (CS) and PGDCA degree from a recognized University/ Institute.

Course Fee :

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester I

Introductory Programming with C Digital Logic & Design (DLD)

Mathematical Foundation of Computer Science (MFCS) Part-I

Accounting and financial management (AFM)

Fundamental of Computer(FC)

Practical-I[C, PC packages]

Semester II

Data structure and Algorithms (DSA)

Computer Organisation & Architecture (CO & A)

Mathematical Foundation of Computer Science (MFCS) Part-II

Object Oriented Programming with C++

Database Management Systems (DBMS)

Practical-II (C++, DBMS)

Semester III

Computer oriented numerical methods (CONM)

Design and Analysis of Algorithms (DAA)

Operating Systems(OS)

Computer Networks(CN)

Programming with JAVA

Practical-III (Java)

Semester IV

Formal Languages and Automata Theory (FLAT)

Software Engineering(SE)

.Net Technology

Web Technology (WT)

Practical-IV(.Net, WT)

Computer Graphics/Introduction to Machine Learning

Semester V

Cryptography and Network Security (CNS)

Management Information System(MIS)

Open Source Software

Pattern Recognition & Image Processing (PR&IP)/Computer Based

Optimization Techniques (CBOT)/Wireless Networks (WN)/ Artificial

Intelligence (AI)/Data Mining & Warehousing (DWM)

/Distributed System(DS)

Seminar

Minor Project

MDC

Semester VI

Major Project (Viva and Thesis Exam)





School of Social Sciences & Humanities

The School of Social Sciences and Humanities (SSSH) was established with the objectives of inculcating scientific temper and enhancing technical knowledge with human and social values. It envisions developing a hub of teaching and research having a global impact through superb and finest programmes introduced by the following departments:

Department of Social Work

Academic Focus:

Social Work is a professional and academic discipline committed to the pursuit of social welfare and social change. The field works towards research and practice to improve the quality of life and to the development of the potential of each individual, group and community of a society. Social work, an interdisciplinary field, includes theories from economics, education, sociology, medicine, philosophy, politics, psychology, and as well as anti-oppressive and anti-racist discourse.

Career Scope:

A Social Work Degree provides scope to work in International Humanitarian organisations like United Nations, International Labour Organization, UNICEF, International Red Cross Society, OXFAM, Health and Family Welfare, NIRD, SIRD, etc. and projects such as NRLM, NRHM, JNNURM, Sarbha Siksha Abhiyan, Smile, etc. A social work degree can help to carry out research programmes and formulate policies. Social Workers are involved in

Community work, Social Action and Activism, hospital Setting, Counselor in various sectors, medical social worker, Industry, Public Relation Officer, banking sector, health care industry, corporate sector, HR Manager, Programme Manager, Labour Officer, Insurance sector, Child Protection Officer, setup of non profit organization for the betterment of the community & society at large, etc.

Courses Offered :

Bachelor of Social Work (BSW)

Duration : 3 years

Eligibility : HS/(10+2) in any discipline securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 25,000.00

Course Content :

Semester-I

Communicative English	Introduction to Social Work
Society in India	Human Growth & Psychology
Field Practicum/ observation visit	

Semester-II

Environmental Studies	Social Case Work
Community and Family Health	Law & Social Work Practice
Field Practicum	

Semester-III

Development Communication & Social Work Practice
Social Group Work
Understanding Political Economy of India
Working with Weaker Sections-I
(Women, Children and Youth)
Field Practicum

Semester-IV

Community Organization & Community Development
Social Policy, Planning & Development
Social Welfare Administration
Working with Weaker Sections-II
(Aged, PWD, STs & SCs)
Field Practicum/ Rural Camp

Semester-V

Social Work Research
Integrated Social Work Practice
Counseling & Social Work Practice
Non Formal Education & Social Work Practice
Field Practicum

Semester-VI

Personal & Professional Development for Social Work
Management of Non Govt. Organization
Disaster Management
Social Action and Social Advocacy
Field Practicum

Master of Social Work (MSW)

Duration : 2 years

Eligibility : Graduation in any discipline with 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee :

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 35,000.00

Course Content:

Semester I

Social Work Profession: History & Ideologies
Human Growth & Development Basic Sociological Concept
Working with individuals
Development Communication & Professional Skills for Social Work
Field work (Orientation visit & Concurrent field Work)

Semester II

Working with Groups
Community Organization & Social Action
Working with Vulnerable Group
Human Rights Paralegal Education and Social Work Practice
Social Policy, Planning and Development
Field work (Concurrent field work & Rural Education camp)

Semester III

Social Work Research Social Welfare Administration

Group A (Community Development)

Environment, Livelihoods and Sustainable Development
Rural Community Development

Group B (Family & Child Welfare)

Family Dynamics and Welfare
Child and Childhood in India-Theories, Perspectives and Issues

Group C (Human Resource Development)

Human Resource Management & Occupational Social Work
Labour Legislations & Welfare Dissertation/ Term Paper
Field Work (Concurrent field work & Study Tour)

Semester IV

Disability Studies and Social Work Practice
Community Health and Social Work Practice

Group A (Community Development)

Urban Community Development
Tribal Community Development

Group B (Family & Child Welfare)

Women centric social work-Practice
Working with Families: Children, Youth and Development

Group C (Human Resource Development)

Industrial Relations and Corporate Social Responsibility
Organizational Behaviour Dissertation
Field Work (Block Placement)



Department of Sociology

Academic Focus:

Sociology is an inter-disciplinary approach which focuses on recognizing and analyzing social determinants that shape our lives and offers a unique potential not only for understanding society, but also for social action and social change. It provides an understanding on how and why society functions together with the impact of social institutions on individual lives. Sociology's subject matter is diverse, ranging from the family to the state, from the division of race and social class to the shared beliefs of a common culture crime to religion and from social stability to radical change in societies, etc. Sociologists study social life, social change, diverse communities and their interactions. They use scientific methods to find empirical answers to complex social questions. It proposes to impart quality education and focuses on providing the young potential minds with an atmosphere for rigorous academic and intellectual development taking into account recent advancement in theory, methodology and contemporary social phenomena. Studying sociology can also help foster students' creativity, innovation, critical thinking, and analytical problem solving and communication skills. As a graduate and masters in sociology the students will have a foundation for better understanding and engaging with the globalised world. They will be equipped with the tools needed to make sense of the changing social world and contribute solutions to difficult social issues.

Career Scope:

The curriculum of sociology in the USTM is designed in such a way that it suits to help the students to develop the skills they need for a successful 21st century career which includes creativity, innovation, critical thinking, analytical problem solving, communication, collaboration, multicultural and global understanding, and excellent written expression. The methods and substantive areas of sociology provide an excellent background for a broad range of careers in fields such as research institutes, law firms, public health, welfare organizations, international agencies, educational institutes, advertising firms, survey and polling organizations, journalism, urban and community planning, social work, non-profit agencies, child care, environment groups, professional writing, advocacy and many more. Students with a degree in sociology often secure employment as a social researcher, case workers, public relation workers, councilors, administrators, community organizers, public policy researchers, data analyst, etc. The compulsory Project work, internship and dissertation in our curriculum marks the students more competent to take up any field based career. It is to be mentioned here that sociology can be opted as one of the optional papers in any national/ state level competitive examinations, especially in Civil Services.

Courses Offered :

BA Sociology

Duration : 3 years

Eligibility : HS/(10+2) in any stream with 45% marks in aggregate (5% relaxation for reserved categories).

Course fee :

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester I

Communicative English

Sociology of India-I

Constitution of India

Introduction to Sociology-I

Society in North East India

Semester II

Introduction to Sociology-II

Environmental Studies

Science, Technology and Society in India

Sociology of India-II

Introduction to Social Psychology

Semester III

Polity and Society

Sociology of Gender

Communication Media and Development

Sociology of Religion

Society Through the Visual



Semester IV

Economic Sociology
Social Anthropology
Social Movements

Semester V

Sociological Thought-I
Social Demography

Elective Papers (Any two)

Urban Sociology
Health and Society

Semester VI

Sociological Thought-II
Rethinking Development

Elective Papers (any two)

Crime & Society
Project Work

Social Stratification
Reading & Writing for Sociology

Research Methodology

Rural Sociology
Social Problems In India

Indian Sociology

Education and Society
Ethnographic Film Making

MA Sociology

Duration : 2 years

Eligibility : Graduation in any discipline with at least 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 40,000.00

Course Content :

Semester-I

Principles of Sociology
Classical Sociological Theories
Perspectives on Indian Society
Sociology of North East India
Rural Society and Indigenous Technology

Semester-II

Modern Sociological Theories
Family, Kinship and Marriage
Science, Technology and Society
Political Sociology

Social Stratification

Semester-III

Research Methodology
Urban and Industrial Society
Internship

Elective Paper-I

Elective paper-II

Elective Papers (any two)

Paper-I

Sociology of Health
Social Demography
Human Resource Development
Social Movements

Paper-II

Sociology of Gender
Sociology of Education
Sociology of Mass Communication
Sociology of Development

Semester-IV

Contemporary Sociological Theories
Statistical Analysis and Computer Application
Dissertation

Elective Paper-III

Elective Paper-IV

Elective Papers (any two)

Elective Paper-III

Sociology of Environment
Sociology of Marginalized Communities
Sociology of Childhood in India
Project Planning & Programme Implementation

Elective Paper-IV

Counseling and Guidance
Sociology of Religion
Criminology & Penology
Sociology of Tribal Society





Department of Political Science

Academic Focus :

This Course will try to provide the students with a comprehensive understanding about the discipline of Political Science as currently being taught in Indian Universities. It will equip the students with expertise in various areas of Political Science including Political Thought, Political Theories, Comparative Politics, International Relations, Indian Government & Politics, State Politics in India, Local Self Government in India, Public Administration, Political System of important countries, etc.

The Specialized areas of this Course are:

- ▶ Human Rights in India
- ▶ Socio-Political Institutions in North East India
- ▶ Management of Public Enterprises
- ▶ Indian Political System
- ▶ Democracy and Political Institutions in India
- ▶ Political Sociology etc.

Political Science is a crucial sector for any country. A developed or developing country needs administrative officers to run various branches of administration in an efficient way.

Career Scope:

The Course is expected to equip the students to be able to take up teaching job in Universities and Graduate Colleges as well as research position in Universities and other research institutions. It will also equip the students to appear successfully in Competitive Examinations such as NET, UPSC, SPSC, SSC, etc. It will also equip the students with the requisite skills to take up jobs in private sector companies, NGOs, advocacy groups, UN and its specialized agencies, other international organizations, foreign embassies and also as advisers/assistants to senior politicians (MPs, Ministers, etc.) The skills imparted to the students in the course will also enable them to take up jobs of political correspondents of newspapers, television channels, etc.

Courses Offered :

BA Political Science

Duration : 3 years

Eligibility : HS/(10+2) in any stream with 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 25,000.00

Course Content:

Semester I

Communicative English	Introduction to Political Science
Understanding of Political Theory	Introduction to Sociology I
Foundation of Education	

Semester II

Environmental Science	Introduction to Sociology II
Political Theory-II	Public Administration-I
Sociological Foundation of Education	

Semester III

Indian Political Thought	Public Administration-II
Basic Concept of International Relations	
Sociology	Educational Psychology

Semester IV

Administrative Thought	Constitution of India
Western Political Thought	Comparative Politics
International Relations since 1919	

Semester V

Contemporary Political Thought	Human Rights
Politics in NE-India	World Constitutions
Local-Self Government in India	

Semester VI

Theoretical Framework of International Relations
Politics in India
Indian Administration: Areas and Issues
Political History of Indian Freedom Movement
Welfare State: Issues and Challenges



MA Political Science

Duration : 2 years

Eligibility : Graduate with Political Science securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 35,000.00

Course Content:

Semester I

Political Theory International Relations

Indian Government and Politics

Social Movements in India

Public Administration: Principles & Approaches

Semester II

Western Political Thought State Politics in India

Comparative Politics International Politics

Comparative Political Systems

Semester III

Indian Political Thought

Decentralization and Local Self Government in India

Research Methodology and Statistics in Social Sciences

India's Foreign Policy

Elective Paper (any One)

Social-Political Institutions in North East India/ Social exclusion:

Theory and Practice/ Principles of Management

MDC

Semester IV

Contemporary Political Thought

Human Rights in India

Introduction of Public Policy

Dissertation

Elective Paper (any One)

Urban Administration and Governance in India/ Rural Administration

and Governance in India/ Diplomacy: Theory and Practice

BA Administration & Governance

Academic Focus :

For the first time in India a path breaking initiative is being undertaken by USTM by introducing a 3 years degree program in BA Administration & Governance. The BA Administration & Governance is designed for students who aspire to prepare for competitive examinations like UPSC Civil services. The main objective behind, in one hand, to educate the targeted students in a particular subject and on the other hand, training them in various need based allied subjects of knowledge to make them competent and in ready state to face UPSC and other competitive examinations just after completion of BA Course. A student can opt for any one optional subject either from Sociology, Sociology, Political Science, History, Geography or Psychology and all other subjects are covered through four allied papers in each semester covering the latest UPSC syllabus.

This will not only help the students in saving time and money but also make them up-to-date with the knowledge required for cracking civil service examination during their regular course of study without any additional preparation or spending extra time.

However, if students could not qualify any competitive examination they can pursue higher education in their main optional subject studied during graduation. The program is expected to attract students not only from traditional Arts groups but also from commerce and science groups who have desire in competitive examinations.

The program is a comprehensive 3 years fully Residential Degree Program having well structured Module with academic as well as competitive exams orientation. Further, visiting faculties from in-service, /retired IAS/IPS officers, senior civil servants and successful candidates will conduct regular classes on holidays and Sundays.

A student will be able to get a regular BA degree and also simultaneously prepare for civil service examination. A student can opt for any one optional subject either from Sociology, Sociology, Political Science, History, Geography or Psychology and all other subjects are covered through four allied papers in each semester covering the latest UPSC syllabus. At the end of 3 years a students will be fully prepared to appear for the UPSC examination along with his/her BA degree.

Duration : 3 years

Eligibility : HS/10+2 in any stream with minimum 70% marks.

Course Fee:

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 50,000.00



Department of Rural Development

Academic Focus:

Rural Development connotes overall development of rural areas with a view to improve the quality of life of rural people. Today, rural development is viewed as a multi-dimensional process which involves the reorganization and reorientation of entire economic and social systems. Rural Development from a mission has gradually changed to a profession and recently various educational institutes have come forward to offer professional courses in Rural Development in order to prepare skilled and committed rural development professionals.

Agricultural Extension Management is the application of scientific research and new knowledge to agricultural practices through farmer education. This system in turn helps to increase the efficiency in the agricultural production by devising methods for Conservation, development and use of natural resources through proper marketing, distribution and utilization of agricultural inputs and outputs.

Career Scope:

Job opportunities in Rural Development and Agricultural Extension Management are available in Government sectors/ banks/ NGOs/voluntary organizations, social development units of corporate sectors, self-employment, training centres, projects, teachers, researchers, consultants, etc. Career aspirants, on successful completion of the course can secure jobs as administrators, budget analysts or executives in both NGOs and local Government bodies. Aspirants can opt for job prospects in Government sectors both Central and State Service Commissions.

Courses Offered :

MA Rural Development

Duration : 2 years

Eligibility : Graduate in any discipline securing 45% marks (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 45,000.00

Course Content:

Semester I

Rural Development: Concept and Theories	Rural Sociology
Aspects of Agricultural Development	
Natural Resource Management	
Rural Entrepreneurship Development	

Semester II

Rural Development Programmes	
Rural Administration and Community Organisation	
Rural Health Management	NGOs and Micro-finance
Economic policies and Planning in India	

Semester III

Research Methods	Introduction to crop production
Population and Development/ Land Resource Management	
Rural Technology	Dissertation
MDC	

Semester IV

Agricultural Extension Education and Communication	
Rural Project Planning, Monitoring and Evaluation	
Equity and Gender Issues in Rural Development	
Rural Marketing & Infrastructure	
Institutional Placement	Rural Exposure & Field Placement



MA Agricultural Extension & Management

Duration : 2 years

Eligibility : Graduate in any discipline securing 45% marks (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester-I

History of Extension and community Development

Agricultural Extension Management

Aspects of Agricultural Development

Fundamentals of Agricultural Extension Education

Rural Sociology and Educational Psychology

Semester-II

Fundamentals of Crop Production

Development Communication and Agricultural Journalism

Rural Development and extension programmes in India

New Trend in Agricultural Extension

Forest Management and Tribal livelihood Development

Semester-III

Research Methods in Social Science

Technology in Agriculture and allied sectors

Animal Husbandry & Extension/ Rural Development & Extension

Visit to Krishi Vigyan Kendra, CAU, SAU, FTC, ATMA, MANAGE etc.

Institutional Placement

Semester-IV

Rural Project Planning, Monitoring and Evaluation

Agriculture Development and Farm Management

Indigenous Technological knowledge system in Agriculture

Farm Visit

Dissertation

Department of English

Academic Focus:

The Department of English, of the University of Science and Technology, Meghalaya was set up in 2013. The Department is interested in introducing innovative ideas within the traditional area of English Literary Studies, and promoting research activities that reflect the diversity of the place in which the University is located. The goal of the Department is to produce students who are responsible citizens and can make significant contributions to society.

The Department has a dedicated team of teachers who are interested in the overall development of the students. It is committed to encouraging students to rigorously pursue academic excellence. It teaches a student the value of hard work, dedication and the importance of adhering to schedules.

It also attempts to nurture the students' innate talents in an atmosphere where learning can also be filled with joy. The Department is also a place which provides a student lessons on life. This is possible because of the close rapport between students and faculty.

The BA Course with Major in English has been designed to provide students a methodical foundation in literature written in English from the Anglo Saxon Period to the present. The course is not restricted to literature produced in the British Isles; it will introduce students to literature written in English from the United States of America and India. The course seeks to initiate students to contemporary literary theory and show the students how

literature is connected to culture and society. This should help the students realize the importance of interdisciplinary studies. The BA (Major) course also offers four optional areas Indian, American, Cultural Studies, African studies; these options allow students to exercise their individual preference, however, the Department, reserves the right to offer optional papers depending on the number of students opting for a particular course and the availability of faculty.

The MA Course in has been designed to provide the students with a greater understanding of literature and the society in context. In the wake of the changes taking place in the broader social spectrum of our land and nation, the literary studies have also undergone changes and topics of interdisciplinary concerns have permeates into literature and linguistics. Accordingly, we have tried to accommodate topics and issues of topical interests and in MA Programme, we have introduced papers on "Polity, Society and Literature" and "Literature from the North East". The Multidisciplinary Course attempts at fostering methods and trends of creative writing among students of different disciplines.

Career Scope:

The study of English Literature allows one to choose from a number of career options such as teaching, publishing, writing, advertising, research or translation Administrative/Civil Services. Becoming a scriptwriter or author is another possibility. Publishing houses also commission to author books.

Courses Offered :

BA English

Duration : 3 years

Eligibility : HS/(10+2) in any stream with 45% marks in aggregate (5% relaxation for reserved categories).

Course fee :

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 25,000.00

Course Content:

Semester I

Communicative English

Introduction to Sociology/ Micro Economics/Political Science

History of English Literature

Forms of Literature

Old and Middle English Literature: Literary Texts

Semester II

Environmental Studies History of English Language

The Renaissance and the Jacobean Period (1500-1660) : Prose

The Renaissance and the Jacobean Period (1500-1660) : Poetry

Introduction to English Linguistics

Semester III

Renaissance Drama William Shakespeare

Women's Writing

Social Psychology/Economics/Political Science

History of Literary Criticism & Theory (From Classical to the Victorian Period)

Semester IV

The Restoration and the Augustan Period (1660-1780): Prose and Poetry

The Restoration and the Augustan Period (1660- 1780) : Drama

Pre-Romantic & the Romantic Period (1780-1830):Prose & Poetry

Indian Writing in English American Literature

Semester V

The Victorian Period (1830- 1900) : Prose

The Victorian Period (1830- 1900) : Poetry

The Modern Period (1900- 2000) : Prose

The Modern Period (1900- 2000) : Poetry

The Modern Period (1900- 2000) : Drama

MDC Paper

Semester VI

Twentieth Century Literary Criticism and Theory

Modern Linguistics

Indian Literature/ American Literature

Cultural Studies/ African Studies

New Literatures in English

MA English

Duration : 2 years

Eligibility : Graduate with English securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee :

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 38,000.00

Course Content:

Semester I

English Social and Literary History

English Poetry I : Chaucer to Johnson

English Drama I : The Age of Shakespeare

English Prose I : Bacon to Lamb

English Fiction I : Defoe to Dickens

Semester II

Indian Literature in English Language and Linguistics

Gender and Literature English Poetry II : Blake to Eliot

English Drama II : Milton to Beckett

Semester III

Literary Theory and Criticism

a) Post colonial Literature b) Polity, Society & Literature (Elective)

Modern American Literature

English Prose II : Mill to Marshall

English Fiction II : Hardy to Lessing

MDC

Semester IV

European Literature African Literature

Contemporary Critical Theory Literature from the North East

Elective Paper:

A) Indian Writing in English B) American Literature

C) Cultural Studies and Literary Representation



Department of Library & Information Science

Academic focus:

Libraries are the backbone of any developed society. It is said that "the nation who reads, is the nation that leads". This statement is true for the development of any society. The mission of the Library and Information Science Department is to provide a meaningful educational experience that meets current and emerging library, information and technology needs, and prepares students for productive roles in a variety of continually evolving information environments. With so much of thrust being given to education at all levels: primary, secondary and higher education, there is a huge demand for professionally well qualified librarians who can handle the integration of ICT and learning resources in this new digital environment. The possibility of employment in educational sector is encouraging. The core courses provide common and essential inputs covering the Library and Information Science. Building on these fundamentals, students undertake a dissertation in an area of interest. Courses programme lays more emphasis on practical aspects of library and information science.

Career Scope:

As India is moving towards a knowledge society with proliferation of learning and research institutes the demand and importance of library science is growing rapidly. Consequently, job opportunities for librarians are on the upswing. Nevertheless, with the advent of information technology and computers the traditional concepts of being redesigned to include not only book and other printed materials but also new tools of information like CD-ROM, internet, virtual libraries etc. There is a lot of scope of career in Library Science and the person in this field can find employment opportunities in following areas:

- Public/Government Libraries.
- Universities/ Colleges/ schools and other academic institutions.
- News agencies and organizations.
- Private organizations and special Libraries.
- Foreign Embassies
- Photo/ Film/ radio/ Television libraries
- Information Centers /Documentation centers
- Companies and Organizations with Large information Handling requirements
- Museums and galleries which have reading rooms and research facilities
- Law library /Courts/ and other Special Libraries.etc.

Courses Offered :

Master of Library & Information Sciences (MLISc)

Duration : 2 years

Eligibility : Graduation in any discipline With 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee:

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester I

Foundations of Library & Information Science

Foundation of Computer & Information Technology

Foundations of Library & Information Science (P)

Organization of knowledge Organization of knowledge (P)

Semester II

Management of Library and Information Centre

Information Sources & Services Library Systems

Information and Communication and Information Systems

Organization of Knowledge (Practical)

Semester III

Information Retrieval

Marketing of Library and Information Products and Services

Research Methodology

Bibliometric Studies and Library Visit Report

Web Technology Theory & Practical

Semester IV

Library System Analysis and Library and Users

Library Automation and Networking

Computer Application to Library work and Library Software

Packages

Practical (Library Software Packages) Dissertation



Prof. Qoumrul Hoque School of Education

(Recognised by NCTE, ERC, Bhubaneswar)



Education in its general sense is a form of learning in which knowledge, skills, and habits of a group of people are transferred from one generation to the next through teaching, training, research, or simply through auto didacticism. The present times seeing a dearth of suitably qualified teachers in the school level. Youths who have completed their graduation apply for teaching posts in the school level but seldom land with a job as they are not duly qualified to teach.

In this scenario, the School of Education under University of Science and Technology, Meghalaya namely Prof Qoumrul Hoque School of Education is introducing B.Ed. The B. Ed. Programme is approved by National Council for Teachers Education (NCTE), ERC, Bhubaneswar. This School of Education is named after Prof Qoumrul Hoque, a renowned educationist of Barak Valley region; Lecturer of Nabin Chandra College, Badarpur and Founder of number of institutions including one B.Ed. College, Degree College and Junior College who died in a conspiracy in September, 1998.

Academic Focus :

The focus of the department is on imparting quality teachers' education and the course curriculum has been designed keeping in mind the academic specific needs. It uses a number of pedagogical methods, including case-studies, lectures, simulations and integrative exercises. Our curriculum provides the students with a lifelong framework of practical and intellectual skills that will serve them throughout their career. Initiatives have been taken to open teacher education programme to strengthen the quality of both pre-service and in-service teachers.

Career Scope :

PQSE provides the right atmosphere to develop an ideal Teacher out of an individual, the program aims to groom students into a competent Mentor with:

- ▶ Multi dimensional & Multi tasking ability

- ▶ Inculcating spiritual and moral values
- ▶ Imparting training in productive services.

Career opportunities in education mainly include teaching, training & development, Research, community education, planning & administration, learning and pedagogy etc.

Courses Offered :

Bachelor in Education (B.Ed)

(Recognised by NCTE, ERC, Bhubaneswar)

Duration : Two years

Eligibility : Graduate in any discipline with 50% marks in aggregate. (5% relaxation for reserved categories).

Intake : 100

(20% of the total seats will fill up through Management Quota)

Course Fee :

Admission fee : Rs. 70,000.00

Tuition fee per semester : Rs. 80,000.00

Course Content :

Semester I

Foundation of Education

Growth and Development during Childhood and Adolescence

Contemporary India and Education

Understanding Disciplines and Subjects

Language across the Curriculum

Critical Understanding of ICT

Semester II

Gender, School and Society Teaching and Learning Knowledge & Curriculum

Assessment for Learning

Understanding the Self

Health and Physical Education/ Peace Education and Human Rights

Education/Guidance and Counseling/Environmental Education

Semester III

Teaching of General Science Teacher Education

Teaching of Social Science Inclusive Education

Teaching of the Mathematics Teaching of the English

Semester IV

Drama and Art in Education School Management

School Internship (16 weeks)

Department of Education

Academic focus:

The Master of Arts (MA) programme in Education reflects new areas of development in this discipline. Starting from the context of students and then move to local, National and International aspects, this discipline aims to combine the broadening of students horizon with a sharpening of their intellectual skills and knowledge through the study of composite discipline of Education.

USTM in order to cater to the needs and demand of Education discipline at Post Graduate level is set to offer MA in Education from this current session under school of Social Sciences and Humanities

Psychology is best defined as the science of behaviour and cognitive process. Every aspects of mental life are related to psychology. Modern human life encounters various stress and problems such as problem related to education, health environment, intergroup relations, marital relations, daily life hassles etc. The field of psychology deals in providing interventions at individual level as well as group level that is needed to bring changes in human life and provide relief by easing the tension caused due to various problems that human beings are facing today by providing effective solution.

This Bachelor programme in psychology (B.A) includes both theoretical and practical exposure along with internship programme and field visit to various related organization such as Rehabilitation centres, shelter homes, de-addiction centres, NGO's, educational set up etc.

Career Scope:

Students can select diverse fields of specialization which would help in career opportunities in the field of education. Education is offered as Major and general in undergraduate level in most of the Degree colleges and as Discipline at Post Graduate level both at Public and very few Private Universities in NE region of the country.

Psychologists play an active role in designing and executing intervention programme with a view to provide better quality of life to human beings. Realising the vital and active role that a Psychologist can play, quite a good number of psychologist are seen working in diverse areas such as schools, hospital settings, industries organization set up, prisons, military establishment family and social welfare, shelter homes, rehabilitation centres, etc. An appropriate number of psychologists are also seen doing private practice as consultants and counsellors to help people in solving problems concerned areas.

Courses Offered :

BA Psychology

Duration : 3 years

Eligibility : HS/(10+2) in any stream with 45% marks in aggregate (5% relaxation for reserved categories).

Course fee :

Admission fee : Rs. 33,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester I

Communicative English	Education/Sociology
Basic Psychological Processes-I	Developmental Psychology-I
Practical	

Semester II

Environmental Studies	Education/Sociology
Basic Psychological Processes-II	Developmental Psychology-II
Practical	

Semester III

Social Psychology - I	Education/Sociology
Counseling Psychology	Psychological Assessment
Practical	

Semester IV

Social Psychology - II	Education/Sociology
Environmental Psychology	Computer Fundamentals
Practical	



Semester V

Abnormal Psychology- I Research Methodology-I
Health Psychology/ Experimental Psychology
Industrial Psychology/Community Psychology
Practical

Semester VI

Abnormal Psychology- II Research Methodology-II
Positive Psychology/ Media Psychology
Internship/Minor Project
Practical

MA Education

Duration : 2 years

Eligibility : Graduate with Education securing 45% marks in aggregate (5% relaxation for reserved categories).

Course Fee :

Admission fee : Rs. 38,000.00

Tuition fee per semester : Rs. 30,000.00

Course Content:

Semester I

Sociological Foundations of Education
Methods and Techniques of Teaching
Philosophical Foundation of Education
Advanced Educational Psychology
Psychological Practical

Semester II

Research Methodology in Education
Statistics in Education
Current Issues in Indian Education
Peace and Value Education
Measurement and Evaluation in Education

Semester III

Educational Management
Comparative Education
Special Education
Educational Technology
Guidance and Counseling/ Human Rights Education
MDC

Semester IV

Curriculum Development
Mental Hygiene in Education
Tracing Perspectives of Teacher Education in India
Abnormal Psychology/Developmental Psychology
Project work
Teaching & Research Aptitude



University School of Law and Research

(Approved by BCI, New Delhi)

The University School of Law and Research is a initiative of USTM to impart quality education in legal discipline in the region. The basic aim of the school is to impart quality education in law as a developing discipline, thus, satisfying the requirement of legal aspirant of the region. The comprehensive program aims at clarifying the basic legal concepts of the students. The internship program is aimed at providing practical education to the students while research spirit aims at innovation and contribution to the field.

Academic Focus:

Rule of law is the basic norm of a democratic society. Law as a discipline of study is emerging in both quality and quantity in India. Today National Law Schools in India are serving as platform for quality education in law with continuous effort to further develop and enhance the same. In order to cater to the increasing number of students in this field which one Law School of the region fails to meet this University took humble initiative without compromising the quality. Law is a multidisciplinary subject. Law is inalienable from arts as well as science and technology. Hence law governs the society, the druggist or the digital- world. Various specializations can be obtained in Law like specialization in the Constitution, in Criminal Law, Business Law etc. The University of Science and Technology has undertaken this humble initiative to impart specialized education in various legal disciplines from the session 2015-2016.

Career scope:

There are immense potentialities for law graduates in the country as well as abroad. Apart from enrolling as an advocate in the District Courts, the High Courts or the Supreme Court, one can choose to become a Judicial Magistrate by qualifying competitive exams or a judge later. There is scope also to serve as Legal Officers in various departments of the government as well as Non-Government institutions. Human rights activists have place in the country as well as abroad including the United Nations in various capacities. Master degree holders in law can pursue Research in the field and become a faculty in various governmental and Non-governmental Institutions.

Courses Offered :

BA LLB

Duration : 5 years

Eligibility : HS/(10+2) in any stream with 45% marks in aggregate (5% relaxation for reserved categories).

Course fee :

Admission fee : Rs. 30,000/-

Tuition fee per semester : Rs. 30,000/-

Course Content:

Semester I

General English

Political Science-I

Sociology-I

Constitutional Law of India- I

Jurisprudence-I

Semester II

General History

Political Science-II

Sociology-II

Constitutional Law of India -II

Jurisprudence-II

Environmental Studies

Semester III

Legal and Constitutional History of India-I

Political Science-III

Sociology-III

Law of Contract

Hons. I (anyone from the following)

Indian Federalism (CL Group) Criminal Psychology (CC Group)

Trade Mark, Copyright, Patent & Design (IPL Group)

Corporate Governance (BL Group)

Semester IV

Legal English

Legal and Constitutional History of India-II

Political Science (Major) IV Special Contract

Hons. II (anyone from the following)

Comparative Constitution (CL Group)

Women and Criminal Law (CC Group)

IT including Cyber Law (IPL Group)



Semester V

Political Science (Major) V Family Law - I
Law of Tort including M. V. Act & Consumer Protection Laws

Optional - I (anyone from the following)

Land laws of Assam and Meghalaya (CL Group)
Criminal Psychology (CC Group)
Hons. III (anyone from the following)
Local Self Government including Panchayat Administration (CL Group)
Prison System and Administration (CC Group)
IPR Management (IPL Group)
Indirect Tax Laws (BL Group)

Semester VI

Political Science (Major) VI Family Law - II
Property Law

Optional-2 (any one from the following)

Media & Law (CL Group) Women & Criminal Law (CC Group)
Hons. IV (anyone from the following)
Media & Law (CL Group) Probation and Parole (CC Group)
Patent Right Creation and Registration (IPL Group)
Competition Law (BL Group)

Semester VII

Indian Penal Code-I Criminal Procedure Code-I
Legal Research Methodology

Optional -3 (anyone from the following)

Banking Law (BL Group) Penology & Victimology (CC Group)
Alternative Dispute Resolution System (Practical-I)
Company Law-I

Hons. V (anyone from the following)

Interpretation of Statutes and Principles of Legislation (CL Group)
Penology and Victimology (CC Group)
Patent Drafting and Specification Writing (IPL Group)
Bankruptcy and Insolvency (BL Group)

Semester VIII

Indian Penal Code-II Law of Evidence
Civil Procedure Code & Indian Limitation Act-I
Criminal Procedure Code-II Company Law-II
Drafting, Pleading and Conveyancing (Practical 2)

Hons. VI (anyone from the following)

Right to Information (CL Group)
Offences against Child and Juvenile Offences (CC Group)
TRIPS and Biodiversity Protection (IPL Group)
International Banking and Finance (BL Group)

Semester IX

Labour and Industrial Law- I Environmental Law
Indirect Tax Laws of India

Optional-4 (anyone from the following)

Insurance Law (BL Group) Accounting System (Practical- III)
Prison System and Administration (CC Group)
Professional Ethics and Professional
Civil Procedure Code and Limitation Act-II Human Right Laws
Hons. VII (anyone from the following)
Health Law (CL Group) White Collar Crimes (CC Group)
IPR Litigation in Trade Mark & Design (IPL Group)
Legal Framework Governing IR (BL Group)

Semester X

Labour & Industrial Law-II Public International Law

Optional 5 (anyone from the following)

Copyright, Patent Trademark and Design (IPL Group)
Offences against Child and Juvenile in conflict with Law (CC Group)

Optional- 6 (anyone from the following)

Right To Information (CL Group) White Collar Crimes (CC Group)
Moot Court & Internship (Practical-4)
Administrative Law

Hons.- VIII (anyone from the following)

Citizenship and Emigration Law (CL Group)
IT Offences (CC Group)
IPR Litigation in Copyright & Patent (IPL Group)
Business Ethics and Corporate Social Responsibility (BL Group)

LLB

Duration : 3 years

Eligibility : Any graduate with at least 45% marks in aggregate
(5% relaxation for reserved categories).

Course fee :

Admission fee : Rs. 25,000/-
Tuition fee per semester : Rs. 25,000/-

Course Content:

Semester I

Legal English Constitutional Law of India-I
Family Law-I Law of Contract
Law of Tort including M.V. Act and Consumer Protection Laws

Hons.-I (anyone from the following)

Indian Federalism (CL Group) Criminal Psychology (CC Group)
Trademark, Copy Right, Patent & Design (IPL Group)
Corporate Governance (BL Group)

Semester II

Legal and Constitutional History of India
Constitutional Law of India-II Family Law - II
Special Contract Legal Research Methodology

Optional -1 (anyone from the following)

Land Laws of Assam and Meghalaya (CL Group)
Criminal Psychology (CC Group)

Hons. II (anyone from the following)

Comparative Constitution (CL Group)
Women and Criminal Law (CC Group)
IT including Cyber Law (IPL Group)
Direct Tax Laws (BL Group)

Semester III

Indian Penal Code Criminal Procedure Code
Jurisprudence

Optional- 2 (anyone from the following)

Media and Law (CL Group)
Women and Criminal Law (CC Group)
Alternative Dispute Resolution System (Practical-I)

Hons. III (anyone from the following)

Local Self Government including Panchayat Administration (CL Group)
Prison System and Administration (CC Group)
IPR Management (IPL Group) Indirect Tax Laws (BL Group)

Hons. IV (anyone from the following)

Media and Law (CL Group)
Probation and Parole (CC Group)
Patent Right Creation and Registration (IPL Group)
Competition Law (BL Group)

Semester IV

Law of Evidence
Civil Procedure Code & Indian Limitation Act.
Property Law Administrative Law
Drafting, Pleading & Conveyancing (Practical-II)

Hons. V (anyone from the following)

Interpretation of Statutes and Principles of Legislation (CL Group)
Penology & Victimology (CC Group)
Patent Drafting and Specification Writing (IPL Group)
Bankruptcy and Insolvency (BL Group)

Hons. VI (anyone from the following)

Right to Information (CL Group)
Offences against child and Juvenile offences (CC Group)
TRIPS and Biodiversity Protection (IPL Group)
International Banking and Finance (BL Group)

Semester V

Labour & Industrial Law-I Company Law
Indirect Tax Laws Environmental Law

Optional-III (anyone from the following)

Banking Law (BL Group)
Penology and Victimology (CC Group)
Professional Ethics & Professional Accounting System (Practical-III)

Hons. VII (anyone from the following)

Health Law (CL Group)
White Collar Crimes (CC Group)
IPR litigation in Trade Mark and Design (IPL Group)
Legal Framework Governing IR (BL Group)

Semester VI

Labour & Industrial Law-II Public International Law

Optional-IV (anyone from the following)

Insurance Law (BL Group)
Prison System and Administration (CC Group)

Optional V (anyone from the following)

Copyright, Patent Trademarks & Design (IPL Group)
Offences against Child and Juvenile Offences (CC Group)
Optional VI (anyone from the following)
Right to information (CL Group)
White Collar Crimes (CC Group)
Moot Court & Internship (Practical -IV)

Hons. VIII (anyone from the following)

Citizenship and Emigration Law (CL group)
IT Offences (CC Group)
IPR Litigation in Copyright and Patent (IPL Group)
Business Ethics and Corporate Social Responsibility (BL Group)

Centre for Language and Literature

The of Language and literature established by the university to offer different Post Graduate and Ph.D. programme on different Indian Languages and literature. The center will also run short term programme on various ethnic languages of North East India. To develop and enrich Meghalaya state language and literature. The Center has been offering MA Khasi from academic session 2019, MA Garo will be introduced soon.

MA Khasi

Duration : 2 Years

Eligibility : Graduate in Khasi securing 45% marks in aggregate (5% Relaxation for reserved categories)

Course Fee

Admission Fee : 38,000/-

Tuition Fee per semester : 30,000/-

Centre for Competitive Examination & Guidance (CCEP) (Fakhruddin Ali Ahmed Centre for Coaching and Guidance)

There is no dearth of intelligent students with potentials in North East. But the success rate of IAS and other Civil Service aspirants from the region has been very low. A few aspirants, who make it to IAS occasionally, normally take coaching in Delhi and other metros of the country at considerable cost. As a result the share of representation of the North East region in the governance of the nation is very low. Keeping this in view, Centre for Competitive Examination & Guidance (CCEP), USTM was formulated way back in 2012.

Currently, CCEP, USTM is imparting free coaching for National Eligibility Test (NET), GATE, Banking & other allied services for the students of USTM. The centre had successfully taken its steps in the right direction to produce successful candidates, whereby several of our students have qualified NET, GATE and other allied services. In the 2018-19 sessions itself 52 students have qualified alone for NET examination and 116 students qualified NET/SLET/GATE in th year 2019-20.

Further, CCEP, USTM in collaboration with ERD Foundation, has also started a coaching centre named, Fakhruddin Ali Ahmed Centre for Coaching and Guidance (FACC) in Guwahati, where students from all over the region aspiring for civil services and other competitive exams are pursuing coaching in FACC. In 2018 several of our students had cracked Assam Civil Services Examination and out of them one student has topped the merit list.



'HOQUE 20' for IAS

The FACC has implemented a scheme for Civil Services Examination Coaching titled "HOQUE 20". The scheme is conceptualized by Mr. Mahbulul Hoque, Chairman, ERD Foundation, and Chancellor of the University of Science and Technology, Meghalaya. Under the scheme, 20 brilliant undergraduate students in their first year, mainly from underprivileged rural families from North East will be nurtured, motivated, inspired and guided by Mr. Hoque all through their undergraduate studies so that at the end of their undergraduate course, they can compete successfully in All India Civil Services Examination and realize their dreams. Mr. Mahbulul Hoque, comes from a remote village in Karimganj district in southern part of Assam and against all adversity, went to Aligarh Muslim University to pursue his higher education. Although he had lucrative job offers from multinationals within the country & abroad, after completing his MCA with flying colours, he started his career as an Educational Entrepreneur in 2002 with a strong determination to change the educational scenario of the north-eastern region of India. He went on to break all barriers to set up nine educational institutions including an engineering college and a university in course of fifteen years, thus revolutionizing the educational scenario in the North East. Mr. Hoque wants to help the brilliant but underprivileged students from the region to break the vicious circle of adversity and realize their dreams.





Under his able guidance, already a large number of students belonging to disadvantaged families are undergoing free education in different Institutions of ERD Foundation. Mahbubul Hoque wants that brilliant students from disadvantaged families also taste the success in their career and break the barrier. Hence this scheme-“HOQUE 20”. Mr Hoque has the vision of convulsing the North East with successful IAS aspirants. The vast potentials of the North East remains unexplored till date leading to underdevelopment of the region mainly because of absence of talents from this region in the decision making process at the various levels of Central and State Governments. With the success of “HOQUE 20”, the NE region is expected to overcome this gap and necessary developmental activities would take place with right spirit.

Centre for Skill Development (CSD)

USTM established a specialized Centre for Skill Development at the campus with the aim to empowering young people through improved skills, knowledge and internationally recognized qualifications to enable them access to decent employment and to promote inclusive national growth. Skills and knowledge are the driving forces of economic growth and social development of any country. A number of programs were already held under this skill development centre at USTM. A Skill Development Centre for Jail inmates on October 22, 2016 at the Central Jail, Guwahati was launched under the CSD. This training centre is an idea with the aim to re-establish the concept that the jail should ideally be the place for reform. Apart from this a “Centre for Foreign Language Training” has also introduced under the CSD where the students of USTM are availing the French language coaching classes. USTM has planned to introduce some more foreign language training classes in coming future.



Dr. Najma Heptulla, Governor of Manipur & former Union Minister inaugurated the Skill Development Centres at USTM

International Centre for Gandhian Studies (ICGS)

To spread the philosophy of Mahatma Gandhi on peace and brotherhood among the youth of the northeastern region, USTM has taken up an initiative to establish a centre in the name of “International Centre for Gandhian Studies” (ICGS). The ICGS has been established with the purpose of conducting research activities and nurturing the basic philosophy of the ‘Father of the Nation’. The lessons given by Gandhi can be applied to present day regional, national and international contexts.



The centre has offered Bhuphan Hazarika fellowship leading to Ph.D. degree on the life and contribution Bharat Ratna Bhuphan Hazarika.

The centre has been offered two fellowships from academic session 2019(A) which as follows:

1. PA Sangma Fellowship
2. Sankar Azan Fellowship

Already two scholars enrolled under the fellowships. Topics of their research are :

1. Inter Community Marriage and its Impact
2. Divorce-Its Causes and Impact

Application invited for these fellowships for session 2020.

PA Sangma Chair Professor of Tribal Studies

In a step towards conservation and enrichment of the rich tribal literature and culture of the North East, Meghalaya Home Minister James Sangma launched the PA Sangma Chair Professor of Tribal Studies at the University of Science and Technology Meghalaya in September 2018. The Chair is expected to facilitate tribal research and studies and also intimate the authorities with relevant and valuable reports from time to time.

The centre has initiated to published a book titled "**Meghalaya: Land and People**". The book will be edited by Debabrata Bora and Jyoti Khatanar



Entrepreneurship Development Cell (EDC)

The Entrepreneurship Development Cell (EDC) has been established by the university with an aim and objective to encourage student self employment as a career option, to provide training in entrepreneurship through modular courses and increase the relevance of Science, Management etc. in the non-corporate and unorganized sectors like education, rural development, small-scale industry etc. The cell also working to create an environment for self-employment and entrepreneurship development through formal and non-formal programmes.

The Dept. of Science & Technology (DST), Govt. of India has sanctioned a project Rs 260 Lakhs to this cell to establish NewGenIEDC and to develop prototype by the final semester students of the university. The duration if the project is five years and in the first year of inception, NewGen IEDC developed ten prototype and one start up. As per the proposal of the project, fifteen such prototype development is going on in current financial year.





Ph.D Admission

Research works are available under the guideship of senior professors of USTM and also the eminent scientists and professors of renowned universities as well as collaborating organizations for the following subjects: Biotechnology, Zoology, Botany, Environmental Science, Chemistry, Mathematics, Electronics, Economics, Sociology, Social Works, Commerce, Business Studies, Management Science, Education, Geography, Rural Development etc. The names of the guides are available in the university website. Aspiring candidates may also carry out research work in other interdisciplinary and multidisciplinary subjects.

Selection Process

The selection process to the Ph.D programme includes an Entrance Test, followed by a personal interview. The student who qualifies in the selection process, are eligible for admission to Ph. D. degree programme.

The admission is held twice in a year- on or before 31st January and 30th June every year.

Eligibility:

After qualifying in the selection process, a candidate intending to enroll him/her for the Ph.D degree programme shall have to fulfill the following condition.

- Master Degree in Science/Arts/ Commerce with at least 55% marks in qualifying examinations.
- Master Degree in Engineering with at least 60% marks in qualifying examinations.

There shall be relaxation of 5% marks for SC, ST, OBC, MOBC, minority and physically challenged candidates.

Candidates with the experience of working in industries / corporate and practical fields for a minimum of five years may be entitled to a relaxation up to maximum of 10 % over the minimum marks.

Admission of selected candidates

Selected candidates shall take admission within 15 (fifteen) days from the declaration of results.

Candidates will furnish all information stated in prescribed format along with

- Attested copies of all Mark Sheets/Certificate, caste certificate etc
- Four copies of Stamp Sized Colored Photographs
- No objection certificate from the employer, if the candidate is employed with any organization

Payment of fees

Prescribed admission fee is to be paid in the form of Demand Draft payable in favour of University of Science & Technology, Meghalaya or in cash.

Fee Structure for Ph.D.

Sl. No.	Ph. D	Admission Fee	Sem Fee
1.	Ph.D (Where Laboratory works are not involved)	60,000.00	55,000.00
2.	Ph.D (Where Laboratory works are involved)	60,000.00	65,000.00

N.B. The fee will be applicable as per serial no. 01, if Ph. D Scholars use designated laboratories outside the University.

For more details separate Ph. D prospectus is available.

Implementation of Choice Based Credit System (CBCS)

Choice-Based Credit System (CBCS): CBCS is a flexible system of learning that permits students to,

- i. Learn at their own pace,
- ii. Make best use of the expertise of available faculty.
- iii. Adopt an inter-disciplinary approach in learning
- iv. Choose electives from a wide range of elective courses offered by the University departments,

As per latest UGC circular all universities in India are required to Introduce Choice Base Credit System(CBCS) from the academic session to improve the higher education system and maintain minimum standards and quality across the Higher Educational Institutions (HEIs) in India. This will facilitate student mobility across institutions within and across countries and also enable potential employers to assess the performance of students.

As per UGC guidelines, the University has introduced CBCS. A brief about the CBCS that is to be introduced is given below. The Syllabi of all programme have been revised. As per the system all students have to choose one Multi- Disciplinary paper in respective semester from the suggestive table mentioned below.

Multi Disciplinary Courses (MDC)

School of Applied Sciences

Optional Papers

- Basics of Disaster Management
- Environmental Studies
- Medicinal Chemistry
- Computational Chemistry

School of Biological Sciences

- Bio-resources and its utilization
- Organic Farming & Vermitechnology
- Food processing
- Bioinformatics

School of Business Sciences

- E-Commerce
- Entrepreneurship Development
- SHG & Microfinance
- Indian Banking System
- Business Comm. & Personality Development

School of Social Science and Humanities

- Indian Social Problems
- NGO Management
- Basic Library Management System
- Knowledge Society
- Gender Issues in Education
- Developmental Studies
- Counselling
- Human Rights

School of Engineering and Technology

- Principle of Information Technology
- Web Designing & Web Technology
- Bio-Electronics (Instrumentation part)

School of Education

- Conservation & Environmental Regeneration: Role of student
- Basic Library Management System

- Statistical Tools & Technique
- Natural Resource Biodiversity Mgt.
- Electro Chemistry
- Forest Management

- Bio-resources and Wildlife Management
- Sericulture & Silviculture
- Bioethics, Legal issues & IPR
- Commercial Plant Tissue Culture & preservation

- Basics of Management
- Human Resource Management
- Corporate Governance and CSR
- Direct Taxation - Income Tax

- Constitution of India
- Environmental Administration
- Intellectual Property Right (IPR)
- Knowledge based Economy
- Criminology
- Peace & Conflict
- Public Administration in India
- International Relation

- Office automation & DTP
- E-Governance
- Network Technology

- Application of Remote sensing and GIS
- Analytical Technique
- Polymer Chemistry
- Environmental Administration

- Biofertilizer and Organic farming
- Poultry Science
- Pharmacology

- Organizational Behaviour
- Computer Application in Banking
- Basics of Insurance
- Retail Management

- Project Planning and Programme Design
- Creative Writing
- Convergence of Technologies in Education
- Online/Digital Library Resources
- Community Development
- Family & Child Development
- Local Governance

- Research Methodology (Common)
- E-Learning

Grading System

- 1. Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- 2. Course:** Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials / laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.
- 3. Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by students.
- 4. Credit Point:** It is the product of grade point and number of credits for a course.
- 5. Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
- 6. Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
- 7. Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.
- 8. Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- 9. Programme:** An educational programme leading to award of a Degree, diploma or certificate.
- 10. Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- 11. Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from Jan. to June.
- 12. Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.
- 13. Computation of SGPA and CGPA :** The UGC recommends the following procedure to compute the Semester Grade Point

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e. $SGPA (S_i) = \frac{\sum (C_i \times G_i)}{\sum C_i}$ where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.
- The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e. $CGPA = \frac{\sum (C_i \times S_i)}{\sum C_i}$ where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.
- The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the Transcripts.

Grading Pattern of evaluation of Answer scripts

Mark	Qualitative Meaning	Letter Grades	Grade Points
90-100	Outstanding	O	10
80-89	Excellent	A+	9
70-79	Very Good	A	8
60-69	Good	B+	7
55-59	Above Average	B	6
50-54	Average	C	5
40-49	Pass	P	4
Below 40	Fail	F	0
Absent	Absent	Ab	0

N.B. A student obtaining Grade F shall be considered failed and will be required to reappear in the examination

Grading Pattern of Final Result

CGPA	Qualitative Meaning	Letter Grades
9.0-10	Outstanding	O
8.0-8.99	Excellent	A+
7.0-7.99	Very Good	A
6.0-6.99	Good	B+
5.50-5.99	Above Average	B
5.0-5.49	Average	C
4.0-4.99	Pass	P
Below 4.0	Fail	F
0	Absent	Ab

N.B : 1) The final CGPA will be counted upto two decimal points.

2) The CGPA is computed in the scale of 0 to 10 (zero to ten) the formula for converting CGPA in to Percentage shall be as follows:

$$\text{Percentage (\%)} = \frac{\text{Obtained CGPA} \times 100}{10}$$

General Guidelines of Admission

1. Candidates are required to read the prospectus carefully before filling in the Application Form for Admission. The Prospectus provides general information and is subject to the provisions of the Act, Statutes, Ordinances, Regulations and relevant Resolutions of the Academic Council/ Executive Council.
2. In general for PG and UG Courses candidates having minimum marks as mentioned in the prospectus will be considered for admission on merit basis i.e. based on percentage of qualifying degree marks/grade.
3. However entrance will be conducted for MBA, B.Pharm, D.Pharm, BPT, BA LLB, BA(Administration & Governance). Merit list may be prepared based on Entrance Test (25% weightage), result of qualifying Examination (50% weightage) and Interview (25% Marks).
4. For admission in Ph.D. programme candidates having minimum qualifying marks must clear the Entrance Test and Interview.
5. The applicant desiring for applying in more than one programme shall submit his/her preference in the same application form.
6. The candidates who have appeared in the qualifying examination but whose results have not been declared may also apply for admission. But they have to submit their results before admission. Such candidate may take provisional admission subject submit their final pass marksheet with requisite minimum percentage of marks on or before 30th September. Failing of which admission will be cancelled and no damage claim will be entertained.

RULES FOR ADMISSION TO VARIOUS COURSES SESSION 2020-2021:

How to obtain Application Forms

1. Candidates seeking admission to any Diploma, UG , PG and Ph.D. programme at University of Science & Technology, Meghalaya during the academic session 2020-2021 may obtain the prescribed Application Form along with the Prospectus from the University Counter at USTM, Meghalaya; Techno City, USTM, Kling Road, Baridua, 9th Mile, Meghalaya on cash payment of Rs 700/- (Rs 1000/- for MBA & Rs. 1500/- for Ph.D).
2. The application form may also be downloaded from the USTM's website www.ustm.ac.in and submitted along with the prescribed fee as mentioned above. In such a case the prospectus can be collected during the submission of the form.
3. The Application Form and Prospectus may also be obtained through post by sending crossed Demand Draft of an amount of Rs. 775/- for PG and UG Programme (Rs 1075/- for MBA and Rs 1575/- for Ph.D.) drawn in favour of "University of Science & Technology, Meghalaya" payable at Guwahati along with a self addressed envelope of 30x25 c.m. size affixing postage stamps worth Rs.150/- clearly indicating the name of the course for which the Application Form is required. The request for sending a set of Application Form and prospectus should be addressed to the Registrar, University of Science & Technology, Techno City, Killing Road, Baridua, Meghalaya, 793 101. Payment of fee by Cheque/ IPO/ MO shall not be accepted.
4. The cost of Prospectus along with the Application Form for each course includes the Entrance Test Fee where necessary. No other fee is required to be submitted at the time of submission of the Application Form.

SUBMISSION OF APPLICATION FORM:

Submission of Application Form for UG and PG Programme.

- (i) Online application may be submitted by visiting University Website www.ustm.ac.in by following the Apply Online link. Through the page connect with entranceform.com an applicant can submit the complete application form in different steps. The prescribed application fee of Rs. 700/- (For MBA Rs.1000/- and Ph.D. Rs.1500/-) may be paid through Net Banking, Debit Card, Credit Card.

- (ii) Prescribed application form for Diploma, UG , PG and Ph.D. programme that obtained by paying necessary fee and completed application in all respects shall be submitted either in person or by post, to the office of the Registrar on or before last date of submission of application form. Admission forms will be accepted in office between 09:00 a.m. to 05:00 p.m. on all working days.
- (iii) The Application Fee is non-refundable and no correspondence on this subject will be entertained.
- (iv) Three recent (passport size) coloured photographs duly self-attested should be affixed on the application form. Application forms with different photographs are liable to be rejected. These photographs are to be pasted with gum and should not be stapled or pinned. Photocopies of photographs are not acceptable.
- (v) Candidates are required to fill an application form in his/her own handwriting. If a candidate submits more than one application form for the same course, his/ her candidature is liable to be rejected.
- (vi) Application Form must be filled in and duly signed by the applicant.
- (vii) Incomplete application form (s) shall be summarily rejected.
- (viii) The last dates for acceptance of application form for each of the courses will be notified from time to time.
- (ix) It must be noted that Application Forms will also be accepted by Mail/ Courier at the Office of the Registrar upto the last date of acceptance of forms, as specified in the Admission Schedule. Any form received by any means say Registered Post, Speed Post or by Courier Services, after the last date, as specified in the Admission Schedule shall be rejected.



Admission through Management Quota (MQ) :

20% of the total intake of each program particularly B.Ed, D. Pharm, B. Pharm, BPT & BA-LLB will fill up through the Management Quota. Admission for such category will be based on Merit of the student and financial contribution for the welfare of the university (Development Fund). Minimum financial contribution to take admission through MQ is 50,000/-.

Submission of Application Forms for Ph.D. programme:

Application form along with the general guidelines for admission to Ph. D. Programme may be downloaded from USTM's website at www.ustm.ac.in. The duly filled up application form along with a demand draft of Rs. 2000/- drawn in favour of USTM is to be submitted in the office of the Registrar, USTM.

Online application may be submitted by visiting University Website www.ustm.ac.in followed by Apply Online link. The page connect with entranceform.com where applicant can submit the complete application form in different steps. The prescribed application fee of Rs.2000/ (Rupees two thousand only) may be paid through Net Banking, Debit Card, Credit Card and crossed DD.

REQUIREMENT AT THE TIME OF ADMISSION:

- ▶ The mark sheets/certificate in accordance with the eligibility requirements for admission as mentioned in the prospectus.
- ▶ Proof of age based on the certificate of High School /Secondary School or an equivalent examination.
- ▶ Character Certificate from the institution last attended.
- ▶ Experience Certificate for candidates if any.
- ▶ Proof of entitlement for reserved category issued by the competent authority.
- ▶ No objection Certificate from present employer if any.
- ▶ In case an intervening period / gap is involved a affidavit from Notary Public for the entire intervening period/gap showing candidate's pre occupation and non indulgence in any criminal activities after leaving the Institution last attended will be required.
- ▶ Proof of permanent address as declared in the Application Form
- ▶ It is the sole responsibility of the candidate to ensure his/her eligibility before applying for admission to a particular course. No claim of any sort in this matter shall be entertained.
- ▶ Applicants are advised to read all the instructions given in the Prospectus carefully before filling up the Application Form.



Admission Policy

Selection Procedure :

For Diploma, UG and PG programmes : Admission will be based on Merit (percentage secured in last qualifying examination) and Personal Interview.

For MBA Programme : Admission will be based on written test (USTM-CAT) followed by personal interview (PI) and Group discussion (GD). Candidates having valid score card of CAT/MAT/XMAT etc will be exempted from USTM-CAT and such candidate may directly appear for PI and GD. The final merit list for admission in MBA will be prepared considering percentage of marks in the qualifying examination, score of USTM-CAT/MAT/CAT/XMAT and marks obtain in PI and GD.

For B.Ed, B.Pharm, D.Pharm, BPT, BA LLB, Programme : Admission will be based on the entrance test followed by personal interview (PI).

For Ph.D. Programme : Admission will be based on Written Test followed by Personal Interview/ Presentation.

RULES RELATING TO ADMISSION:

1. List of selected candidates shall be displayed on the Notice Board of the School/ Department/ Centre concerned as well as at USTM's website. No intimation to the selected candidates will be sent by post. The candidates shall be required to get their admission completed by the date given in the schedule.

2. Admission will be allowed only after due verification of all original documents by the verifying officer of the university.

3. All the candidates are required to submit Transfer Certificate / Migration Certificate in original within 60 days from the date of admission, failing which the admission of the student is liable to be cancelled.

4. The candidate shall take admission on payment of prescribed admission fee as given in the Fee Structure in the accounts section of the university.

5. If a candidate fails to complete the admission formalities by the prescribed date, he / she will automatically forfeit his/her right of admission.

6. Admission of a candidate may be cancelled at any time; if any information furnished by the candidate at the time of admission is found to be incorrect or that the candidate has been wrongly admitted due to any reason.

7. No candidate will be allowed to take up a job while pursuing a full time programme. Those who are employed at the time of admission, will be required to produce a certificate of leave / NOC from their employer within one month from the date of admission failing which their admission will be cancelled.

8. Candidate studying a regular full time programme in USTM will not be allowed to take any other full time programme simultaneously either from USTM or any other university / Institution. However student may take Career Oriented Programmes of UGC, MOOCs programme and Add On programme of USTM.

15. The University of Science & Technology, Meghalaya recognizes the degrees of all central universities, state universities, institutions of national importance and reputed foreign universities, provided their equivalence has been established by the Association of Indian Universities (AIU). Besides, the university also recognizes certain qualifications in form of degrees awarded in Distance Mode approved by MHRD/UGC/DEB-AICTE

GENERAL RULES REGARDING FEES AND ACCOUNTS:

(i) Fees shall be accepted by the cash section of the USTM in cash and not in cheques. Demand Draft will also be accepted by the Cash Section, Finance & Accounts Office, USTM.

(ii) All fees are payable in lump sum at the time of admission. Course-wise Fees is shown in the prospectus.

(iii) Part payment is not allowed except in those courses, which have notified this facility in the prospectus.

(iv) Fee can be paid without Late Fee: Within 15 days from the date of commencement of the academic session or by the prescribed date, whichever is later,

(v) (With a Late Fee of Rs.500/-) Within 10 days from the last date given on the programme Schedule

(vi) (With a Late Fee of Rs. 1000/-) Within one month from the last date given on the payment Schedule.

(vii) If the fee is not deposited within the time limit fixed at clause (v) and (vi) his / her name will be struck off from the rolls but he / she may only be readmitted after getting permission from the Vice-Chancellor with an additional late fee of Rs. 2500/-.

(viii) Fee for activities like educational tour / camps etc. are left to the Department to decide considering the number of students and the

(ix) Dependants of staff members of USTM shall not be required to pay caution money, if a staff member gives guarantee in writing to the effect that the caution money, whenever required to be paid may be deducted from his / her salary.

(X) The employees of USTM and their sons/ daughters/ spouse are exempted from the payment of tuition fee and medical fee except in self-financed courses and courses with differential fee.

(xi) The fee given in the prospectus is only for the students admitted in the academic session 2020-21.

(xii) If the last date for payment of fees falls on holiday, the fees shall be paid on the next working day without fine.

(xiii) Fee deposited through prescribed fee slip within due date (given on fee-slip) shall be accepted for the purpose of admission. No correspondence shall be entertained for refund/adjustment etc., if payment was not made on proper fee slip issued by the authorized office and / or within due date.

NOTE :All fees and charges, wherever given in the Prospectus, are subject to revision even during the commencement of a new academic session.

Refund Policy

To withdraw admission, the student should submit a written application to the Registrar of the University before the commencement of classes. Following amount will be refunded based on the date of submission application as per following schedule :

Sl. No.	Period	Percentage
(i)	Before 15 days from commencement of Class	90%
(ii)	Up to 15 days from commencement of Class	80%
(iii)	After 15 days but before 30 days from commencement of Class	50%
(iv)	More than 30 days from commencement of Class	Nil



As per the direction of the Hon'ble Supreme Court of India, the University will strictly follow the "UGC regulation on curbing the menace of ragging in higher Educational Institutions 2009". In accordance with these regulations the admitted student as well as the parents concerned must have to submit two individual affidavits as per format and will be governed by the rules framed by the University.

STATUTORY WARNING

Ragging of any student is a criminal offence and stringent measures have to be taken for curbing the menace of ragging in educational institutions. The USTM administration is very conscious of its responsibilities in this regard and students and parents need not harbour undue apprehensions, and should report any incident immediately to the University authorities, and stringent punishment will be meted out to the culprit.

"If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his / her explanation is not found satisfactory, the authority would expel him from the University."

CODE OF CONDUCT

Discipline includes the observance of good conduct and orderly behaviour by the students of the University. The following and such other rules as framed by the University from time to time shall be strictly observed by the students of USTM:

1. Every student of USTM shall maintain discipline and consider it his / her duty to behave decently at all places. Male students shall, in particular, show due courtesy and regard to female students.
2. No student shall visit places or areas declared by USTM Office as "Out of Bounds" for the students.
3. Every student shall always carry his / her Identity Card issued by the authority. Every student, who has been issued the Identity Card shall have to produce or surrender the Identity Card, as and when required by Teaching and Library Staff and the Officials of the University.
4. Any student found guilty of impersonation or of giving a false name or found guilty of forgery shall be liable to disciplinary action.
5. The loss of the Identity Card, whenever it occurs, shall immediately be reported in writing to the USTM office.
6. Ragging in any form is prohibited in the University and those found indulging in act(s) of ragging shall be punished.

Breach of Discipline, Inter-alia, shall include

- (i) Smoking, using Mobile Phone or carrying eatables are not allowed inside the studios/ control room, laboratories or classrooms. Students shall maintain professional decorum and consider it their duty to behave decently at all times and places. No instances of misbehaviour or sexual harassment shall be tolerated. The rules for discipline and classroom behaviour will be given at the time of admission.
- (ii) Irregularity in attendance, persistent idleness or negligence or indifference towards the work assigned;
- (iii) Causing disturbance to classes, offices, libraries, auditoriums, play grounds etc. ;
- (iv) No students should be sitting /loitering/standing in the amenity centre or in the nearby areas both within and outside the campus (shops in the Gyan circle or shops outside the campus within a radius of 1 km) during the class hours. They should be in the canteen only during the lunch hours.
- (v) Disobeying the instructions of teachers or the authorities;
- (vi) Misconduct or misbehavior of any nature at the time of meetings or during curricular or extra-curricular activities of the University;
- (vii) Misconduct or misbehavior of any nature at the Examination Centre;
- (viii) The University respects friendships and personal relationships among its students. However any student/students found in a compromising situation will be liable for strict disciplinary action.
- (ix) Misconduct or misbehavior of any nature towards a teacher or any employee of the University or any visitor to the University;
- (x) Causing damage to, spoiling or disfiguring the property/ equipment of the University;
- (xi) Inciting others to do any of the aforesaid acts;
- (xii) Giving publicity to misleading accounts or rumours amongst the students;
- (xiii) Mischief, misbehavior and/or nuisance committed by the residents of the hostels;
- (xiv) Visiting places or areas declared by USTM as out of bounds for the students;
- (xv) Not carrying the Identity Card issued by USTM without any valid reason;
- (xvi) Refusing to produce or surrender the Identity Card as and when required by any Staff of the University;
- (xvii) Any other conduct anywhere, which is considered to be unbecoming of a student. Students found guilty of breach of discipline shall be liable to such punishment, as FINE, CAMPUS BAN, EXPULSION, OR RUSTICATION.
- (xviii) However, no such punishment shall be imposed on an erring student unless he is given a fair chance to defend himself. This shall not preclude the Vice-Chancellor, USTM from suspending an erring student during the pendency of disciplinary proceedings against him.

(xix) All powers relating to discipline and disciplinary action in relation to student shall vest in Vice-Chancellor, USTM. However, the Vice-Chancellor, USTM may delegate all or any of his powers as he deems proper to the Discipline Committee as the case may be or any other functionary of the University.

(xx) Powers relating to discipline / misconduct shall be regulated by respective statutes of the University of Science & Technology, Meghalaya ACT of 2008.

(xxi) All admissions shall be subject to vetting of past conduct of the applicant by the concerned Department of the University.

Note: In order to maintain peace and to ensure academic stability on the Campus, the character antecedents of all applicants shall be duly scrutinized by the concerned Department of the University and the department reserves the right to deny applicants with tainted record of indiscipline, admission(s) on the rolls of the University.

ENTRY & EXIT POLICY

1. All students are supposed to enter the campus on or before 10.10 am. After 10.10 am the main gate will be locked. No application will be entertained in this regard.

2. The main gate will be closed during the class hours (i.e. 10.10 AM till 4.00 PM). During the break hours if any student desire to go out of the campus for lunch, they have to deposit their ID card in the main gate.

3. If any student desire to exit early for any emergency, they have to take prior permission/ gate pass from the respective HOD's.

DRESS CODE

All the students must wear Uniform & Identity Card inside the University Campus. The schedule for Uniform is as follows:

Day	Uniform
Monday, Tuesday, Thursday & Friday	Blue & white stripe shirt with blue pant (Boys) Blue & white stripe kurta with white pyjama & dupatta (Girls)
Wednesday	USTM white T-shirt with blue collar OR University Uniform
Saturday	Departmental T- shirt (if Departmental T shirt not available) - USTM white T- shirt with blue collar OR University Uniform

However, if any event/seminar/workshop/visit by high level dignitaries falls on Wednesdays & Saturdays, students must wear the University Uniform (as on Monday, Tuesday, Thursday & Friday).

All students must strictly follow the same failing of which disciplinary action will be taken.



FEE STRUCTURE FOR ACADEMIC SESSION 2020-21

Sl No	Name of Course	Admission Fee	Tuition Fee Per Sem.	Caution Deposit (Refundable)
1	Diploma in Pharmacy (D.Pharm)	45,000/-	55,000/-	14,000/-
2	Bachelor of Pharmacy (B.Pharm)	50,000/-	60,000/-	14,000/-
	B.Pharm (Lateral Entry)	50,000/-	60,000/-	14,000/-
3	B.Sc. Biotechnology	33,000/-	33,000/-	8000/-
4	B.Sc. Botany	33,000/-	30,000/-	8000/-
5	B.Sc. Zoology	33,000/-	30,000/-	8000/-
6	B.Sc. Chemistry	33,000/-	30,000/-	8000/-
7	B.Sc. Physics	33,000/-	30,000/-	8000/-
8	B.Sc. Food Sc. & Technology	33,000/-	30,000/-	8000/-
9	B.Sc. Microbiology	33,000/-	30,000/-	8000/-
10	Bachelor of Physiotherapy (BPT)	40,000/-	45,000/-	8000/-
	BPT (Lateral Entry)	40,000/-	45,000/-	8000/-
11	BA LLB	30,000/-	30,000/-	5000/-
12	B.Sc. Mathematics	33,000/-	25,000/-	8000/-
13	BA Sociology	33,000/-	30,000/-	5000/-
14	BA Psychology	33,000/-	30,000/-	5000/-
15	BA English	33,000/-	25,000/-	5000/-
16	BA Economics	33,000/-	25,000/-	5000/-
17	BA Political Science	33,000/-	25,000/-	5000/-
18	B Com(H)	33,000/-	20,000/-	5000/-
19	BBA	33,000/-	25,000/-	5000/-
20	BCA	33,000/-	25,000/-	5000/-
21	BSW	33,000/-	25,000/-	5000/-
22	LLB	25,000/-	25,000/-	7000/-
23	BA Administration & Governance	33,000/-	30,000/-	7000/-
24	B. Ed.	70,000/-	80,000/-	7000/-

Sl No	Name of Course	Admission Fee	Tuition Fee Per Sem.	Caution Deposit (Refundable)
25	MBA	38,000/-	50,000/-	7000/-
26	M.Sc. Biotechnology	38,000/-	48,000/-	14,000/-
27	M.Sc. Zoology	38,000/-	48,000/-	14,000/-
28	M.Sc. Botany	38,000/-	48,000/-	14,000/-
29	M.Sc. Chemistry	38,000/-	48,000/-	14,000/-
30	M.Sc. Physics	38,000/-	45,000/-	14,000/-
31	M.Sc. Microbiology	38,000/-	40,000/-	14,000/-
32	M.Sc. Biochemistry	38,000/-	40,000/-	14,000/-
33	MA/ M.Sc. Geography	38,000/-	35,000/-	14,000/-
34	M.Sc. Environmental Science	38,000/-	30,000/-	14,000/-
35	M.Sc. Electronics	38,000/-	30,000/-	14,000/-
36	M.Sc. Mathematics	38,000/-	30,000/-	7000/-
37	MA Sociology	38,000/-	40,000/-	7000/-
38	MA Agri-Extension Management	38,000/-	30,000/-	7000/-
39	MA Rural Development	38,000/-	45,000/-	7000/-
40	MA English	38,000/-	38,000/-	7000/-
41	MA Khasi	38,000/-	30,000/-	7,000/-
42	MA History	38,000/-	30,000/-	7000/-
43	MA Political Science	38,000/-	35,000/-	7000/-
44	MSW	38,000/-	35,000/-	7000/-
45	MA Economics	38,000/-	32,000/-	7000/-
46	M.Com.	38,000/-	30,000/-	7000/-
47	MA Education	38,000/-	30,000/-	7000/-
48	MUSC (Library & Information Sc.)	38,000/-	30,000/-	7000/-
49	MCA	38,000/-	30,000/-	14,000/-
	MCA (Lateral)	38,000/-	30,000/-	14,000/-
50	Ph.D. (Where Laboratory works not involved)	60,000/-	55,000/-	10,000/-
51	Ph.D. (Where Laboratory works involved)	60,000/-	65,000/-	20,000/-

Payment Schedule

Description	Date of Payment
Admission Fee	On the day of Admission
1 st Semester Fee	2 nd week of October, 2020
2 nd Semester Fee	2 nd week of February, 2021
3 rd Semester Fee	2 nd week of August, 2021
4 th Semester Fee	2 nd week of February, 2022
5 th Semester Fee	2 nd week of August, 2022
6 th Semester Fee	2 nd week of February, 2023
7 th Semester Fee	2 nd week of August, 2023
8 th Semester Fee	2 nd week of February, 2024
9 th Semester Fee	2 nd week of August, 2024
10 th Semester Fee	2 nd week of February, 2025
Examination Fee	To be notified before examination of each Semester
Bus Fee	To be paid quarterly

N.B. : Batch wise payment of Semester Fee will be notified time to time. Additionally students require to pay fee for Examinations/Field Visits/Excursions/Rural Camp/Educational Tour etc. which may be framed time to time by the Management.

Students securing 80% marks & above in the last Qualify exam will be offered 15% discount in semester fees

N.B. The fee will be applicable as per serial No. 50 for the Ph.D. Scholars if designated laboratories is outside the University.

Miscellaneous Fees

Varsity Week	200/- per year
News letter & Magazine	100/- per semester
Library Memberships	1000/- for the whole course

Forums & Clubs

Cultural Forum : Rs 150/-	NSS Cell : Rs 100/-
Sports Forum : Rs 250/-	Community Bank : Rs 365/- (Rs1 per day)
Quiz Forum : Rs 135/-	Skill Centre : NA
Debate Forum : Rs 150/-	Finishing School : NA
Literary Forum : Rs 200/-	Outreach Team : NA
Fitness Club : Rs 250/-	Innovation Centre : NA
Riding Club : NA	Entrepreneurship
Driving Club : NA	Forum : NA

HOSTEL & ACCOMMODATIONS



Homely accommodations are provided for boys with all the modern amenities within the campus and separate decent accommodation for girls are provided in the adjoining city habitats with regular transport facilities.

Hostel Fees : Admission Fee : 15,000/- (Not Refundable)
Caution Deposit : 10,000/- (Refundable only after completion of the tenure).

BOYS		
Sl No	Room	Price
1	Three Seater (Economy)	Rs. 6340/-
2	Two Seater (Economy)	Rs. 6840/-
GIRLS		
1	Two Seater/Three Seater (Economy)	Rs. 6840/-
2	Two Seater/Three Seater (Attached bathroom)	Rs. 7840/-

* Inclusive GST

N.B.:

1. A relaxation of Rs. 2000.00 per semester will be given on advance payment of hostel fee for six months.
2. Fees are subject to change from time to time.
3. No boarder will be allowed to leave the hostel before completion of one year. Students can exit the hostel only in the month of June (at the end of even semester examination) irrespective of entry date.
4. All boarders have to give 2 months prior notice to the Hostel Authority in case of leaving hostel before completing of one year in case of extra ordinary situation. The boarder who leaves the hostel permanently on any day of the month shall pay full dues for the month. He should pay the rent of six (6) months as compensation.
5. Caution Deposit will not be adjusted with any other fees. In case of withdrawal/completion of courses, Caution Deposit will be refunded only in the month of June(at the end of even semester examination)
6. Hostel dues will not be subsidized during Project work/internship & vacations/ breaks.
7. Final seat allotment will be at the discretion of the Management and as per availability.
8. The hostel fees must be cleared on or before 20th every current month or fine will be imposed as per rule.

TRANSPORT FACILITY

The Students and Faculties are ferried from various parts of Guwahati by a dedicated fleet of Buses and a host of other vehicles. Regular transport for the day boarder is available from different locations of Guwahati City.

Admission Fees: Rs. 2000/-

Quarterly Transport Fees will be charged as per the distance & route. Details of fees can be collected from the transport in-charge in the administrative office.



PAY BACK POLICY FOR NET/GATE/IAS QUALIFIED STUDENTS

USTM authority is proud to mention that more than 100 students already cleared JRF/NET under the guidance of NET Forum. USTM has paid back the all fees of these students during Orientation programmes in presence of high level dignitaries and renowned academicians.



Felicitaton and Paid back to the students in different Programme

FREE ADMISSION, SCHOLARSHIP & BANK LOAN

Free Admission :

ERD Foundation has taken an initiative to support and provide free education to the exceptionally meritorious students from families belonging to BELOW POVERTY LINE, as they cannot afford the financial liability of such courses.

The management of ERDF has been giving free admission for meritorious students of BPL families in all the institutes run by ERDF. Similarly, decision has been taken to admit meritorious BPL students specially from rural areas as per criteria prescribed by both ERDF and USTM.

Merit cum Means Scholarship

USTM is also offering free ship to the exceptionally meritorious students on the basis of their performance as well as other criteria to be prescribed from time to time.

Free Admission for Toppers : ERDF will sponsor free admission to the toppers of the branches of different Universities of North East region in available courses under different schools at USTM.

How to apply:

To avail scholarship/freeship etc. students should submit application to **Dr. Alpna Chaudhury (Director, Students' Affair)** on or before **20th June, 2020 (for UG Program)** and **20th July, 2020 (for PG Program)**. No application will be accepted after the last date.

Awards for Toppers of various Department:

1. Dr. APJ Abdul Kalam
2. Maulana Abul Kalam Azad
3. Azan Fakir
4. Dr. B.R. Ambedkar
5. Mahatma Gandhi
6. Indira Gandhi
7. Jawaharlal Nehru
8. Netaji Subhas Chandra Bose
9. CV Raman
10. Srinivas Ramanujan



50% Reserved for Girl Students : The management of ERDF have taken decision to admit 33% girl students in all the branches under different schools at USTM to encourage girl students for higher education. Special preference will be given to the students from backward and underprivileged sections of the society.

Central Govt. Aids: Students can also apply to different ministries of Govt. Scholarships.

Bank Loan: The University facilitates educational loans from all Schedule Nationalized Banks. It also provides all the necessary information and document in this regard.

Community Bank : Besides different kinds of scholarships, a community bank also been established by the university to offer interest free loan for short period. The students, staff, faculty of USTM contribute Re. 1/- per day to the bank. In case of any emergency, contribute can take short term loan from the Community Bank.



USTM-Asam Sahitya Sabha Scholarship

(20 Scholarships & 2 Research Fellowships)

From this academic session, USTM is offering 20 merit Scholarships for free education at undergraduate and post graduate courses in the memory of 20 former Hon'ble Presidents of Asam Sahitya Sabha. The decision was taken after USTM signed MoU with Asam Sahitya Sabha-Assam's largest and oldest socio-literary organization. USTM is also offering two Ph.D. Fellowships to carry out research on the life of two literary stalwarts of Assam—Dr Maheswar Neog and Syed Abdul Malik.

Who Can Apply?

- Students who scored minimum 60% marks in their qualifying exams can apply

How Can Apply

- Notification will be released in newspaper and websites of USTM and Asam Sahitya Sabha in the month of April every year

Who Will Select?

- Merit List will be prepared after submission of all the applications
- Meritorious students with poor financial background will be given preference
- The Selection Committee comprises taking members from both Sahitya Sabha & USTM. Merit list will be sent to USTM for confirmation of admission.

List of USTM-Asam Sahitya Sabha Scholarships & Fellowships

15 Scholarships for PG courses

1. Padmanath Gohain Baruah PG Scholarship
2. Chandradhar Barua PG Scholarship
3. Kaliram Medhi PG Scholarship
4. Hemchandra Goswami PG Scholarship
5. Amrit Bhushan Dev Adhikari PG Scholarship
6. Kanaklal Barua PG Scholarship
7. Lakshminath Bezbaroa PG Scholarship
8. Rajanikanta Bordoloi PG Scholarship
9. Benudhar Rajkhowa PG Scholarship
10. Tarun Ram Phukan PG Scholarship
11. Kamalakanta Bhattacharya PG Scholarship
12. Mofizuddin Ahmed Hazarika PG Scholarship
13. Nagendra Narayan Choudhury PG Scholarship
14. Jnanadabhiram Barua PG Scholarship
15. Ananda Chandra Agarwala PG Scholarship

5 Scholarships for UG courses

1. Raghunath Choudhari UG Scholarship
2. Krishna Kanta Handique UG Scholarship
3. Moidul Islam Bora UG Scholarship
4. Nilmani Phukan UG Scholarship
5. Ambikagiri Raichoudhury UG Scholarship

2 Fellowships for PhD Research

1. Dr Maheswar Neog Research Fellowship
2. Syed Abdul Malik Research Fellowship

How Can Apply

- Ph.D. admission notification will be released in newspaper and websites of USTM and Asam Sahitya Sabha in the month of July.

Address for Communication

Asam Sahitya Sabha

District Library complex, Ambari, Guwahati-781001

Ph-91012-25056

University of Science & Technology, Meghalaya

Techno City, Kling Road, Baridua, 9th Mile, Ri- Bhoi

Meghalaya, Ph-69139-01600



RESEARCH & DEVELOPMENT

The University of Science and Technology, Meghalaya (USTM) provides vibrant interdisciplinary research that will attract the best people from the country. This will creatively contribute in solving the economic, technological and social issues of the global human society. The University promotes active and vigorous leadership to the researchers in shaping their intellect for the achievement of common goals of humanity. For meeting the needs of future, the University enhanced research through collaborations with leading research institutes and consortia around the country, where cutting-edge research is taking place.

The University has constituted Research and Development division, which monitors and provides continuous guidance to the research staff to raise the standard in academic and research activities. The university organize series of seminars, workshops and conferences to encourage our research scholars findings; hold regular brainstorming meeting to generate ideas and hypothesis.

USTM is strengthening the Research Portal to provide support to the researcher, so that the commercial exploitation of the research projects results is made feasible. The University also offers organizations and various bodies the possibility to request tailor-made integrated solutions to their needs, based on our research activities. **The University Research scholars are actively doing research in the following emerging field:**

- ▶ Study on Muga Culture, Tissue Culture, Performance of Eri Silk Worm, Muga Silk Worm, Eri Culture, Sericulture, Biodiversity of Noth East, Rice varieties in North East, Molecular Characterization of Protein, Entho Botanical Study in NE, High oil yielding Jatropha, Bio and Chemical management of Aphis Gossipii Glover, Milk Production, Cell Biology, Microbiology.



- ▶ Sustainable Livelihood and Pineapple Cultivation, Socio Economic Growth of Small Scale Industries, Hospital Management, Employee Retention in service sector, EPM in Public and Pvt. Organization, Empowering woman through livelihood promotion, Finance and Stock exchanges, Study on Brahmaputra Basin, Heritage Tourism, River Tourism.

- ▶ Study on Low Cost Housing, Real Estate sector in NE, Magneto hydrodynamics, Fuzzylogic, Microwave Transmission, Micro Antenna Design,

- ▶ Educational Status of Backward Class Woman, Method of Teaching, Social Impact of River Bank Erosion, Traditional Handloom Culture, Social Status of North East Tribes, Educational Scenario in North East.



PUBLICATIONS

► Peace Studies in NE, Music Therapy, Song and Music of Dr. Bhupen Hazarika, Traditional Culture of NE India, Folk Music.

The University welcome Research scholars, Scientists, Academicians from reputed universities, R & D organisations, Industries, NGOs, Govt. and Pvt. organisations for joint and collaborative research, project, seminar in different emerging areas.

The University had started intensive research work since its inception and appropriate facilities have been created to promote innovative and modern need based interdisciplinary research. Research scholars and faculties are greatly encouraged to innovate through quality research in emerging areas of science & technology, social science, media and cultural studies and other disciplines. They have already presented their research papers in various national & international seminars and published the papers in different journals. A summary of publications by faculties & research scholars for last five years as follows :

School	Year 2014-15	Year 2015-16	Year 2016-17	Year 2017-18	Year 2018-19
Applied Science	10	12	30	36	42
Biological Science	37	41	66	69	78
Business Science	25	33	33	42	58
Engineering & Technology	07	09	07	06	08
Prof. Qoumrul Hoque School of Education	04	07	08	15	22
Social Science & Humanities	19	27	39	47	89



Training & Placements

The Training & Placement Division at USTM forms an interface between academics and corporate world. It helps students in making better and informed Career Choices.

With a view to streamlining the communication process, functioning of the Training & Placement Cell with the Objectives of addressing the requirements of Students from various disciplines we at USTM, have a Training & Placement Department, governed by the Advisory Council, as well as a team of Faculty associated with the Training & Placement Cell. Above that we have nominated student members as part of the Training & Placement Committee to give their valuable inputs, coordinate with the rest of the students. A mutually stimulating, qualitative and quantitative swing in the direction of overall improvement marks the dynamics and mechanics of a well oiled Training & Placement Division, trying to maintain a perfect balance between Academics & Corporate Interface. The Training & Placement Cell is making all possible efforts to move in the right direction to achieve its objectives for longer interest of student and make them Industry ready by organising activities in the campus with participation of Business Leaders for experiencing sharing sessions, conduct skill related workshops.

Other than Academic knowledge they gain during their stay at the University, the cell makes concrete efforts to train them up on basic soft skills, self grooming, body language, group discussion, mock interviews, self development programs, presentation techniques, art of public speaking, skills for facing interviews and other areas to enhance the employability factor of the students to help them secure suitable employment by guiding them to become excellent professionals – Corporate / Industry Savvy.

We the Training & Placement Cell at USTM very strongly believe that long term sustainability of our relationship with Industry for Training & Placement of our students can be a success by making sincere effort in the following areas. Assessing the needs of various industries and providing inputs to concerned departments in the form of internal feedback or through interactions with Senior Professionals, premier education and research associations so that required skill set is imparted to our students.



Students of MBA Department undergoes regular internship & on the job training in different organizations/ Industries such as Pantaloons, Max Cement, Topcem Cement(MCL), Varun Beverages Ltd., ASEB, Indian Oil Corporation, (AOD), Future Value Retail Ltd, GNRC Hospital, G.L. Publication Private Ltd., Pepsico, Jagdale Food and Beverages, Pibco Hero, North Eastern Tubes Ltd., IOCL, HUDCO, Bigbazar, AEGCL(Assam Electricity Grid Corporation Limited.), HPCL, Coca-Cola, Emami and other Industries.

Other than the Management Students, the Training & Placement Division makes concrete efforts to make sure that students from other professional courses are given fair amount of exposure to their related industries/Scientific Research Organisations, etc.

Like wise, the Sociology & Social Work students also undergoes various project driven activities in NIRD (Guwahati), SIRD, NIPCCD (Guwahati), ASACS (Guwahati) CRS, NECHA, KGMNT, BRO, WHO, UNICEF, International Red Cross Society, NRLM, AIDS Control Society, NRHM, NNRUM, ASHADEEP, SSA, RMSA, Social Welfare Deptt., Shankardeva Kalakshetra, OMDUM, NONGPU CIVIL HOSPITAL, GLOBAL HOSPITAL (Guwahati) etc.

The Bio-Technology, Bio Chemistry, Zoology and Botany, students of USTM regularly undergoes training in organization like HPCL - Tissue Culture Lab, College of Veterinary Science, ARIASP, Assam Agricultural University for Lab Experience/Demo in Micro Biology, Molecular Biotechnology, IASST, Boragaon, Manash Wildlife Sanctuary etc. A couple of students have chosen to go through Internship Training CVS (AAU) sponsored by Department of Bio-Technology. Some have got themselves associated with Projects sponsored by IASST.

The final semester students of Chemistry have been regularly doing their major projects & internship in some of the leading Research lab & institutions of NE India like- CSIR – NEIST, Jorhat & CSIR – CRRI, New Delhi, Toklai Tea Research, Jorhat, Rain Forest Research Institute, Jorhat, North East Hill University (NEHU), Shillong and IIT, Guwahati.



Students of other courses like MCA, Electronics, Psychology, and Education are having their internship in respective organization of repute in NE, India. For students who aspire to be in the teaching profession we have provided in house coaching for NET, SLET and other competitive examination by conducting special classes.

Placement cell of the University is in touch with most of Corporate and Pvt. Sector organisation for conducting Campus Placement drive. Some of such companies are in queue for conducting placement drive for the final semester students.



FACULTY DEVELOPMENT

Objectives of Faculty Development Programme

- ▶ Teaching methodology, LMS, Content Development and Management.
- ▶ Communication skills, leadership and command skills.
- ▶ Subject knowledge.
- ▶ Inculcate Research aptitude - discovery approach to teaching.
- ▶ Standardization and quality management in teaching.
- ▶ Motivation to excel in teaching and research.
- ▶ Application of knowledge to real life problems at learning stage.
- ▶ Generate integrity and belongingness to the organization.
- ▶ Extension Activities.

The three dimensions of education i.e. Creation of knowledge (research), Application of Knowledge (Use in practical situations) and transmission of Knowledge to next generation (teaching) can be achieved through a highly motivated and competent faculty. With the holistic view of improving quality of teaching and to fully realize the faculties capabilities, faculty training and development program under the guidance of prominent professors from IITs and NITs and other leading Universities of the country are conducted regularly by USTM as a part of faculty development program. Faculties also encourage to attend different faculty Development programme (FDP) conducted by different Universities/ Institutions.



View of Day 1 Programme & Faculties

Alumni Speaks...



My college days are unforgettable and in fact those days are the most happiest and fruitful days in my life. USTM is much beyond just an institution, It actually denotes a culture. Culture of excellence, empowerment and enrichment. By being a part of USTM, I felt blessed. The university has moulded my personality and clarified my vision of the future. I am very grateful to the institute for providing guidelines and motivation to inspire me to achieve my goals. I got infinite love and lesson from my faculties.

-Shabnam Thapa, Cluster Manager, OYO



Competing in a race with full of competition and co-incidences would not have been easy without the support of USTM and the faculties of SBUS who have given their 100% in making us what we are now. USTM has always valued what we want and what we are getting. Teaching us was never easy, Still my teachers of SBUS have made it possible and made us stand on our feet today. Thank you USTM and my SBUS teachers for making me a person who can handle responsibilities with a smile on the face.

-Debasish Borkotoky, Sales Manager, HDFC Ergo General Insurance Company Ltd.



2014 is the year in which I step out to USTM for my education and happy to be the Part of Earth Science Dept. I am very lucky to meet my respected faculties. ShamikuChangmai Sir and Pallavi Hazarika Ma'm guided us for the first time. Later Dr. M.J.Nath Sir, Palme BorthakurMa'm, Dr.Nepollon Sir and Dr.GobindaPalit Sir joined. They really worked hard. They put their effort and guided us with love and care. They helped us to flew with our own wings. As we are the first batch I think we are very, special part of each n every breathe of the Department.

-Silje Marak, (Guest Faculty, J N College, Boko)



The commerce department gave me numerous memories to cherish now and for good. We were the first batch, and the journey of this dept started with us. Four students and under construction classes, everything was new, but it didn't stop us from learning the better from the best minds. The industrial visits, the annual games, seminars, NEGC kept us busy. Today, I believe, am successful, because of the hard work of my teachers. I am very proud to be a part of this departmen

- Suman Das, JA, SBI (B.Com 2012-15)



My experience in Department of Earth Sciences, USTM had been an amazing one. I got to learn and experience many new things, in a course of 2 years. Also my class/batch being multi-linguistic, I am glad that I met people from different cultural background which allowed me an insight into their culture. Also the best parts of my University life were professors and friends. I am thankful to my professors for challenging me to do better and to bring out the best in me. I am grateful to my friends for being my supportive base, the one who understood what I am going through because they were probably going through the same.

-Nidhi Singha, (Qualified UGC NET in Geography, now a student of Tezpur University)



Firstly, University of Science & Technology Meghalaya is not just a university, it is a brand. It is unique in its field. Discipline is like in the air of its environment. I am so grateful to be a part of this university. There are so many opportunities to develop ones personality in any field like, cultural, literature, social and many more. The best part of the university is the Department of Social Work and its faculty members who are cooperative. I got a lot of love and support from my teachers and it made my 2 years memorable for me.I am very grateful to the University for providing guidelines and motivation to inspire me to achieve my goals.

-Nazrana Begum, City Coordinator in Centre for Development Initiatives (CDI), Guwahati.



This is such a lovely opportunity where I can take the time to thank all my teachers, mentors and HOD of USTM, Meghalaya, Department of Social Work. I learned so much in my two years that have helped me so much in the world outside the hallowed walls of college. I remember my first day, I was so scared and clueless like a lost puppy. As I stepped into class and met my fellow classmates, who would be taking this journey with me, felt my fear and anxiety ebb away and a smile spread across my face and by end of day,I had made friends that I knew would continue the two years and beyond.

-Sumki Begum, Program Executive and Counsellor, Sanjeevani-Life Beyond Cancer

Different Forums at USTM

STUDENTS FORUM: The Students Forum of USTM is one of the most active body where a group of talented all-rounder's selected by the authorities of the management based on their academic and extracurricular performances to represent the university in various platforms. The students are coordinating with the management for smooth functioning of various events related to the students and university as a whole. The members are also monitoring the activities of the various forums like, sports, cultural, debate, quiz etc. The office of the Director Students Affairs is monitoring their performances, roles and responsibilities and makes changes when and where required as per the norms of the university.



SPORTS FORUM: USTM is a Pro Sport University that gives equal importance to sports along with academics, for the all-round development of the personality of the individual for shaping a better tomorrow and assist in the process of Nation Building. Students interested in various games and sports are provided with ample amount of opportunities through the Sports Forum so as to cater to the needs of the students. Training programs for preparation of teams for various games and sports is one of the major objectives of the Sports Forum. Believing in the concept of "SPORTS FOR ALL" the university organizes various inter-departmental tournaments all-round the year and also provides an imposing platform for individuals and teams to showcase their talent in the events conducted by other colleges and institutions.

USTM NET FORUM: USTM has established the NET Forum with the objective to create an environment among the students for excellencing in research and higher studies. Through this NET Forum, coaching is given to the UGC NET and CSIR NET aspirants free of cost, in order to help the students for getting selected for the post of Assistant Professor and the award of Junior Research Fellowship. The PG students are availing Coaching in various subjects and also coaching for Paper I and Paper II in Morning and evening hours respectively. Apart from the in-house faculty members, guest faculties and experts from various universities frequently take the classes for the NET aspirants. The University is providing all the facilities including transportation and refreshment for the students undergoing the classes.





CULTURAL FORUM: University of Science and Technology, Meghalaya has been the benchmark for quality education as well as excellence in extracurricular activities. Apart from academics, the University has been the launch pad for those with exemplary talents and provides facility to many youths in the cultural field. The Cultural Forum accommodates such young talent and students of such caliber to perform in their respective fields with passion and grace. The Forum mainly deals with event management and also provides an imposing platform for individuals to showcase their talent in the events conducted by other colleges and institutions. The students get the opportunity to know the eight states of North East India along with other states of the country. The Forum also provides training in music (Indian/Western), dance (Indian/Western), instrument playing, etc. The special classes are arranged every Saturday and Sunday for the interested students where the renowned experts from various fields of music and culture are invited to train the students.

DEBATE FORUM: Realizing the unprecedented parameter of credibility the speech form has to offer, University of Science and Technology Meghalaya opened up its deck to flourish and facilitate the same. USTM has launched a systematically designed platform to groom professional orators in terms of the norms and nuances of debating and public speaking to enhance leadership syndromes within the student fraternity. The USTM DEBATE FORUM is committed to nurture budding talents, cutting across plethora of students from diverse fields and academic orientations, creating opinion makers and deliberators. The Forum has been intensively operative in conducting mock debates, Debate workshops, interdepartmental Debating contests, public speaking exercises, modulation practices, formal training on parliamentary form of debating etc. Apart from these, the forum also intends to involve veteran debaters from all over the region to train, mentor and guide students in developing the knack for debating.



QUIZ FORUM: Quizzing can be expressed and explained as an embodiment of our choice to learn, curiosity to quest, and caliber to hit the bull's eye, both in the game of glory and gamble of life. Realizing the parameter of this mind sport, USTM has formed the Quiz Forum. The Forum cater to the requirements of modern, interactive, innovative and technology driven quizzing modes with the state of the art facilities to woo and amaze knowledge seekers. A host of activities like inter-departmental, inter-hostel and inter-institutional quizzing events are being designed to generate the competitive enthusiasm among the student fraternity.

The Campus Life

& student amenities



Auditoriums & Conference Hall

Techno City campus houses a 5000 capacity Central Auditorium which is the largest in the entire NE Region along with three other mini auditoriums and conference hall.



Sports Complex

Sports arena in around 2 acres of land with all kinds of facility is available for different sports like Football, Volleyball, Basketball, Badminton, Cricket, Table Tennis, Baseball, Kho-Kho etc.



ATM Facility

ATM facility is available within the campus for easy and hassle free access of money for students. Parents can deposit their ward's Fees/money in any nationalized bank from any part of the country and students will not have to go out of the campus for banking purpose.

Amenity Centre

An "Amenity Centre" has been built in approximately 10 thousand square feet of area to fulfill the purpose of serving the students of the varsity under one roof where the students can avail the facilities of food, beverages and stationary items and can also spend leisure time for which they need not go outside the campus.

The Business Hour of amenity centre is:

8.00 AM to 9.30 AM &

11.30 AM to 9.00 PM



Gymnasium

At USTM we believe in all round development of the students as well as teachers by providing opportunities towards their physical and emotional well being. A State of art Gymnasium equipped with modern exercising gadgets and equipments backed up by professional staff are available. This exemplifies the judicious blend of using both modern and ancient measures towards management of stress as well as preparing a healthy mind in a healthy body to meet present day's enormous stressful conditions.



Health Care Centre

A full fledged health care centre is in place under the supervision of a full time Doctor and Nurse in the premises of USTM to provide preliminary and First Aid facility. For major treatment, the institute has tied up with renowned hospitals at Guwahati for immediate attention.



Canteen Facilities

USTM has a spacious canteen inside the campus having well furnished dinning space and kitchen facility. The canteen serves healthy and hygienic food for students as well as for the teachers and non teaching staff of the university. A variety of food and snacks are provided at an affordable price.

Students residing within the campus have the options of having their lunch and dinner either in the hostel mess or in the university canteen as per their needs / choice.



COLLABORATIONS & UNDERSTANDING

Mission USTM in the Path of Progress...

Following the footsteps of Institutions of Excellence...

USTM is regularly taking initiative for collaboration and tie ups with different Industries, R & D organizations, Universities, IITs & Placement Agencies for overall benefits of students. USTM has already tied up with CSIR-NEIST, Jorhat; CSIR-CRRI, New Delhi; IIT Guwahati; NIT, Silchar; Tezpur University; Jawaharlal Nehru University (JNU), New Delhi; Jamia Millia Islamia, New Delhi; Gauhati University; University of Dhaka; Bangladesh University of Health Sciences (BUHS); Universitas Ngurah Rai, Denpasar (UNR)-Indonesia; North East Space Application Centre, Shillong, Asam Sahitya Sabha, Akshar Foundation, Dr B Borooah Cancer Institute, Ankara Yildirim Beyazit University, Fatih Sultan Mehmet University, Istanbul, Turkey, Selcuk University, Konya, Sri Sri University Odisha and Confederation of Indian Industries (CII). USTM has also tied up with renowned hospitals at Guwahati for all kinds of emergency treatment for its students, faculties & other employees. Efforts are on for more national and international collaborations with other reputed and R&D organizations.



Prof. Abdul Mannan, Chairman, UGC Bangladesh & Shri Mahbulul Hoque, Chancellor, USTM signing the MoU



Prof. Tariq Mansoor, VC, Aligarh Muslim University & Shri Mahbulul Hoque, Chancellor, USTM signing the MoU



Prof. AAMS Arefin Siddique, VC University of Dhaka & Dr PG Rao, Vice Chancellor, USTM signing the MoU



Prof. S. K. Sopory, VC, JNU, New Delhi & Shri M Hoque, Chancellor, USTM signing the MoU



Prof. Amarjyoti Choudhury, Pro-VC, TU, & Dr. P.G. Rao, VC, USTM signing the MoU



Prof. Talat Ahmad, VC, Jamia Millia Islamia University & Shri M Hoque, Chancellor, USTM signing the MoU



Dr. Mridul Hazarika, VC Gauhati University & Shri M Hoque, Chancellor, USTM signing the MoU



Prof. Gautam Biswas, Director, IIT-G & Mr. M Hoque, Chancellor of USTM signing MoU



MoU signed with Uskudar University,
Istanbul, Turkey



MoU with Fatih Sultan Mehmet University,
Istanbul, Turkey



MoU signed with
Ankara Yildirim Beyazit University



MoU with Selcuk University, Konya



MoU signed with BUHS, Bangladesh



MoU signed with
Bangladesh University of Health Sciences



MoU signed with Assam Sahitya Sabha



MoU signed with B. Borooah Cancer Institute, Guwahati



MoU signed with NESAC



MoU signed with CSIR-CRRI, New Delhi



MoU signed with NIRDPR-NERC



MoU signed with CSIR-Jorhat

UGC CHAIRMAN AT USTM

The Hon'ble Chairman of University Grants Commission, New Delhi, Prof Ved Prakash addressed the Vice-Chancellors of Central, State as well as Private Universities and Principal of few Prominent Colleges of North East Region through an Interactive Session organized by University of Science & Technology, Meghalaya in association with Rashtriya Institute of Skill and Education (RISE) on 11th March 2016.



Dr. A.P.J. Abdul Kalam at USTM

Dr APJ Abdul Kalam, eminent scientist and former President of India, addressed the gathering of the North East College Principals' Conclave (NCPC)-2014 that was hosted by the University of Science & Technology Meghalaya on 23rd July 2014. Dr Kalam had come prepared primarily to address the college principals, seeing an overwhelming presence of students and youth at the venue, he decided to address them first. He exhorted them to feel strong, and to realize that they have wings which meant that they are not born to crawl – they are born to fly high up in the sky and reach for the moon.



ISRO Chairman Shri A. S. Kiran Kumar at USTM



Shri AS Kiran Kumar, the Chairman, Indian Space Research Organization (ISRO) addressed 1st Dr. APJ Abdul Kalam Memorial Lecture on "India in Space" at University of Science & Technology, Meghalay on 17th September, 2016. He addressed the audience had commented, : India has now been emerging as of one of the 4 premier countries in evolving indigenous space technologies"



Director, BARC addressed 2nd Dr. APJ Abdul Kalam Memorial Lecture

The 2nd Dr. APJ Abdul Kalam Memorial Lecture was organized at Techno City campus on 16th Sep, 2017 Dr. B.S. Tomar, Director Radiochemistry and Isotope Group, Bhaba Atomic Research Centre (BARC) delivered a lecture on 'Atoms in the Service of Mankind' Dr. T.R. Ganapathi, Head Plant Cell Culture Technology Section, BARC was also present on the occasion, among others. Addressing the gathering, Prof. B.S. Tomar delineated on how atoms are used for the development of the society. Dr. Tomar also had an interactive session with the students of USTM.



Bangladesh UGC Chairman delivered 3rd Dr APJ Abdul Kalam Memorial Lecture



The 3rd Dr APJ Abdul Kalam Memorial Lecture was delivered by Prof. Abdul Mannan, Chairman, University Grants Commission, Bangladesh on 25 October. Topic of the lecture was, "Dr Kalam's Contribution in Igniting Global Minds" which was organized by USTM in the honour of Dr Kalam and was attended by a host of students, teachers and dignitaries, including Prof Ved Prakash, Former UGC Chairman and Prof Sanjay Deshmukh, Former VC, Mumbai University. Welcoming the gathering, Mahbubul Hoque, Chancellor, USTM urged everyone to follow the footsteps of Dr. Kalam.

NORTH EAST GRADUATE CONGRESS-2019



The 6th North East Graduate Congress, organized by USTM, the only graduate congress in the country was participated by more than 7,500 students from more than 200 different colleges of the North East during 15th to 17th February, 2019. The Congress is aimed to enhance all-round development and bring out capabilities of the future graduates through various life skill processes and expose them to various opportunities. Renowned academicians, VC's of Central and State Universities of North East, internationally acclaimed motivational speakers, entrepreneurs & stakeholders from industries participated as speakers including Prof. D P Agarwal, Former Chairman, UPSC, New Delhi; Arjuna awardee Monalisa Baruah Mehta; Hardik Patel, Youth Leader from Gujarat; Ms Ruchi Gupta, AICC Jt. Secy and In-Charge of NSUI, Jignesh Mevani, MLA from Gujarat; Prafulla Kumar Mahanta, former Chief Minister, Assam, Rohit Chahal, National Media In Charge, BJP (Youth Wing) and Allanthy Dkhar, Vice President of UDP, Meghalaya in NEGC-2019.

Through different competitions like Games, Debate, Photography, Creative Writing, Quiz and Best Graduate, NEGC has offered a unique platform to the participants for sharing views, knowledge and ideas with each other and explore their talent taking guidance from experts in different fields.

Every year NEGC is organized by USTM as a regular event to groom the future generation of youth of this country.





Convocation

The first convocation of University of Science and Technology, Meghalaya was held on 22nd April, 2016 amidst enthusiasm of students, parents and University fraternity. The convocation was held to confer Graduation, Post-Graduation and PhD degrees to students who had passed out in the years, 2013, 2014, 2015. The convocation was held at the Techno City, USTM. The Hon'ble Governor of Meghalaya and Visitor of the University Shri V. Shanmuganathan conferred the degrees and delivered the convocation address. A total of 534 passed out students received their Bachelor's and Master's Degree while lone scholar Shri Siddique Ali Ahmed was awarded PhD Degree in School of Biological Science.

In the first convocation of the University Honorary Doctorate Degrees were awarded to Shri J.M. Lyngdoh, former Chief Election Commissioner of India and Maulana Tayebur Rahman Barbhuiya, Ameer-e-Shariat, North East India in recognition of their outstanding achievement and contribution for greater good of the Society. In the Convocation eighty students were decorated with Gold Medals in recognition of their brilliant performance. The convocation was attended by luminaries from different parts of India and the world.



Hon'ble Governor of Meghalaya delivering the Convocation Address



Dr Ampareen Lyngdoh, Minister of Science and Technology, Govt of Meghalaya delivering address at the Convocation



Prof. Girish Chandra Tripathi, Vice Chancellor, BHU delivering at the Convocation

The 2nd Convocation at the Techno City Campus on 10th June, 2017. Three vice chancellors of the oldest universities in India, Prof. Girish Chandra Tripathi, Vice Chancellor, BHU and Prof. Ashutosh Ghosh, Vice Chancellor, University of Calcutta and Prof. Sanjay V Deshmukh will grace the occasion. Sh. Mahbubul Hoque, Chancellor, USTM believes that this is going to be a rare opportunity when vice chancellors of three oldest universities in India, University of Calcutta, Mumbai and Banaras Hindu University will share the same platform at USTM Techno City Campus to exchange their ideas, tales of their legacy and heritage and is expected to open up newer avenues of academic cooperation and tie-ups, especially in the field of research, scholarly discourses and endeavors for achieving excellence.



Prof. Ashutosh Ghosh, Vice Chancellor, University of Calcutta delivering at the Convocation



Convocation



Prof. Jagadesh Kumar, Hon'ble Vice Chancellor, JNU
delivering the Convocation Address



The 3rd Convocation at the Techno City Campus today. Prof. Jagadesh Kumar, Hon'ble Vice Chancellor, JNU, Prof. Jayant M Modak, Dy. Director, IISC, Bangalore, Prof. G D Sharma, Hon'ble Vice Chancellor, Bilaspur University had graced the occasion as Chief Guest and Guest of Honors respectively. Along with them, Dr. P G Rao, Vice Chancellor, USTM, Prof. Amarjyoti Chaudhury, C V Raman Chair Professor, USTM, Dr. R K Sharma, Pro-VC, USTM, Deans and HoDs of different schools were present.



Honorary D.Litt. & D.Sc. Conferred to Dr Abdul Gafoor & Prof D Khathing



Convocation

The Fourth Convocation of USTM was held on 8 September. Altogether 1094 graduates were awarded degrees out of which eight scholars were honoured with PhD degrees, 823 students were offered Post Graduate degrees and 263 were offered Undergraduate degrees. The University also rewarded the best Post Graduate student with Dr APJ Abdul Kalam Best Post Graduate Award and the best Undergraduate student received PA Sangma Best Undergraduate Award. Shri Conrad K Sangma, Chief Minister of Meghalaya graced this grand academic event as the Chief Guest while the distinguished guest dignitaries include Prof SK Srivastava, Vice Chancellor, NEHU, Dr RC Deka, Former Director, AIIMS, Prof Asfar Ali Khan from Aligarh Muslim University, apart from others.



Shri Conrad K Sangma, Chief Minister of Meghalaya delivering at the Convocation





Hon'ble Governor of Meghalaya delivered the Convocation Address



The Fifth Convocation of USTM was held on 23rd September, 2019. Altogether 1412 graduates were awarded degrees out of which 19 scholars were honoured with PhD degrees, 1053 students were offered Post Graduate degrees and 340 were offered Undergraduate degrees. The University also rewarded the best Post Graduate student with Dr APJ Abdul Kalam Best Post Graduate Award and the best Undergraduate student received PA Sangma Best Undergraduate Award. Honorary Doctorate Degrees were awarded to Bishop George Mamalassery, Bishop Emeritus of Tura, Meghalaya - an Prof NK Chaudhury, Former Vice Chancellor, Gauhati University in recognition of their outstanding achievements an contribution for greater good of the society.

Shri Yathagatha Roy, Hon'ble Governor of Meghalaya & Visitor of USTM conferred the degrees and delivered the Convocation Address which was also graced by Prof Vinod Kr Jain, VC-Tezpur University, Prof Dipika Deka, VC- Srimanta Sankardeva University of Health Sciences, Prof J. S. Patil, VC- National Law University, Prof Dhiraj Bora, VC-Assam Science & Technology University, Lt Gen Zameeruddin Shah, Former VC AMU apart from others.



Four Vice Chancellors - Prof Vinod Kr Jain, VC-Tezpur University, Prof Dipika Deka, VC-Srimanta Sankardeva University of Health Sciences, Prof J. S. Patil, VC- National Law University & Prof Dhiraj Bora, VC-Assam Science & Technology University had graced the occasion.

Seminars, Workshop & Conferences

An international conference on "Mahatma Gandhi's Vision and Contemporary Political Leadership in North East India" was held from 5 to 6 October amidst eminent Gandhian scholars and reputed academicians from India and abroad. Organised by the International Centre for Gandhian Studies, a research centre of USTM, the two day long conference was participated by Shri Tushar Arun Gandhi, the great grandson of Mahatma Gandhi and Chairman of Mahatma Gandhi Foundation, Prof Sudarshan Iyengar, former VC, Gujarat Vidyapith, Dr. Liaquat Ali, VC, Bangladesh University of Health Sciences, Dhaka, Prof RM Pant, Director, NIRD & PR and Prof. B. Khadria, Chairman, Zakir Hussain Centre, JNU.



A National Seminar on "Cerebral Palsy Update 2018" was held at USTM on 7 and 8 July where a total of 190 participants from across the region including Physiotherapists, Special Educators, Speech Therapists and Psychologists participated. The workshop was organized by SVNIRTAR, Odisha and CRC Guwahati under the Ministry of Social Justice and Empowerment in association with Indian Academy of Cerebral Palsy, and with the support of USTM.

USTM in collaboration with Indian Association of Nuclear Chemists and allied Scientists (IANCAS) from Radiochemistry Division, Bhabha Atomic Research Center, Bombay organized a six-day long national workshop on 'Radiochemistry and Applications of Radioisotopes' from 1 to 6 October 2018 at the University campus.



A three-day long National Workshop on Manual Therapy for Peripheral Joints and Temporomandibular Joint Dysfunction was held at USTM from 19 to 21 September. The chief resource person of the workshop was Prof. Umasankar Mohanty, President, Manual Therapy Foundation of India (MTFI). The workshop was organised by the Dept. of Physiotherapy, USTM in association with Indian Council of Medical Research, (ICMR); Department of Health Research under Ministry of Health & Family Welfare, New Delhi and MTFI, Mangalore.

The Dept of Commerce, USTM, organized a 10 day long workshop titled "Goods & Services Tax: Registration, e-Filing and Compliance" for skill formation and enhancing employability of the students. The Workshop began with the Inaugural session on 4 April and ended on 13 April 2018. Dr Ankit Todi, Tax expert and Advocate, Gauhati High Court graced the occasion as Chief Guest and CA Mohan Agarwal as GST Expert.



Senior scientists from the Ministry of Science and Technology, Department of Science and Technology (DST) met at a two-day long National Workshop for Inspire Internship Science Coordinators at USTM from 25 to 26 June. The Workshop was organised by USTM and the Science Coordinators came from different parts of the country. Mahbubul Hoque, Chancellor of USTM, expressed his gratefulness to DST for choosing the north-eastern region for the first time to hold this national congregation and specially thanked for selecting USTM considering its performance and contribution in the field of science and technology.



Prof Ved Prakash, Former Chairman of UGC, New Delhi, delivered a talk on "Quality Higher Education" on 17 September at USTM. The talk was organised by USTM for the benefit of students and teachers alike.



On 30 September, three Japanese Nationals namely, Mr Tsukamoto Katsumi, president and Director of Asian Japan Academy, Mr Dharma Adhikari, Director, Asian Japan Academy and Ms Kazue Khurana, Academic Advisor, JACEEX along with officials of the Japanese Centre of Excellence conducted seminar presentations at USTM to teach Japanese Language, Culture at the Institute with an aim to provide students career opportunities in Japan.

Seminars, Workshop & Conferences



Dr Martin J Ossewaarde from Netherland delivered a Talk on "Sustainable Development" on 15 September at USTM Conference Hall. The talk was organised by the Dept of Business Administration and Dept of Zoology, USTM.

Dept of Physiotherapy, USTM organized a day long workshop on "Neuroanatomy with special emphasis on Brain" on 26 February. Dr. Hiral Das, Asst Prof, Dept of Anatomy, Gauhati Medical College was the guest speaker.



A two-day National Seminar on "Customary Laws of North East India: Practice and Prevalence" was organised on Oct 21 and 22, 2017 by the University School of Law and Research. The chief guest was Prof (Dr) Poonam Saxena, VC, National Law University, Jodhpur who spoke on customary laws and their contradiction with modern legislation. Among others who addressed the Seminar were: Prof (Dr) Nuzhat Parveen Khan, Dean and Faculty of Law, Jamia Millia Islamia New Delhi, Prof (Dr) R C Borpatragohain, Dean and faculty of law, GU; Prof (Dr) Jeeth Barooah, former Director, Law Research Institute, Gauhati High Court, Prof (Dr) BK Chakraborty, Head, Department of Law, Tezpur University. A total of 51 participants from different colleges and universities presented papers on various relevant themes related to customary laws.

A 7-days-long national level workshop and training on Microbiology and Immunology was conducted by Dept of Applied Biology, USTM from 4 to 10 February, 2018. A total of 100 students from various universities across the north-eastern region and outside participated. PG students and research scholars from Manipur Central University, Nagaland Central University, NEHU, Cotton University, Gauhati University, Chettinad Academy of Research and Education (Chennai), Amity University (Noida), Shoolini University (Himachal Pradesh), Sri Dev Suman Uttarakhand University (Uttarakhand) were among the participants. At the end of the Workshop, the participant students were given certificates.





On 30 January 2018: With the objective to create greater public awareness of the importance of human rights to the lives of people, the Meghalaya Human Rights Commission (MHRC) organized an 'Awareness Programme on Human Rights' at University of Science and Technology, Meghalaya in association with the University School of Law and Research here was addressed by Dr. Justice Aftab Hussain Saikia, Chairperson, MHRC; P.J.P. Hanaman, Member, MHRC; Noor Khan, District Session Judge, Ri Bhoi and West Jaintia Hills; Baharun Saikia, Advocate, Gauhati High Court.

A two-day national seminar on Emerging Trends in Business & Economic Development in India with reference to North Eastern Region was organised by the Department of Business Administration, USTM in association with the Department of Business Administration, Tezpur University on 19 & 20 May. The Seminar was supported by ICSSR-NER, Shillong.

Dr RM Pant, Director, NIRD was the Chief Guest in the inaugural session of the Seminar. The Guests of Honour were Ashok Dutta, GM (T&I) Oil India Ltd, Sabyasachi Roy, State Head, Reliance Jio and Prof Mukulesh Baruah, Director, AIM, Guwahati. Dr Amiya Kr Sarmah, Executive Director RGVN, Guwahati delivered the Keynote Address.



A two-day-long National Conference was jointly organised by USTM and NEMA (North Eastern Management Association) on 10-11 October at the University Conference Hall on the theme 'Think Global, Act Local: Contemporary Sustainable Business Practices and Development'. The Conference was inaugurated by Meghalaya Chief Minister Dr Mukul Sangma while the Keynote Address was delivered by B.P. Mukteih, CMD, NDFI. More than 100 scholars and professionals from across the North East participated in the two-day Conference.

On January 26, 2018, the students from the various universities which are in South Korea and north-east India gathered in USTM to hold an environmental seminar held to raise awareness of university students about the magnitude of environmental problems and to achieve SDGs, Sustainable Development Goals, which was adopted by United Nations in 2013 which was conducted by ASEZ (Save the Earth A to Z) member of World Mission Society Church of God.



Seminars, Workshop & Conferences



The Department of Rural Development, University of Science and Technology, Meghalaya in collaboration with State Institute of Parichayat and Rural development, Assam has organized a National seminar on Sustainable Development Goals: Perspectives from the Indian Villages, which was held on 30th and 31st January 2017 at SIPRD campus and USTM Campus respectively.



A three day International Earth Science Conference (IESC-2017) on "Challenges in Sustainable Resource Management and Way Forward" was organized by the Department of Earth Science, USTM from 29th to 31st January, 2017. Prof. R. B. Singh, noted academician and Vice President, IGU (International Geographical Union), New Delhi was the key note speaker of the occasion. Prof. R.B. Singh had warmly welcomed the University of Science and Technology, Meghalaya for taking such a great initiative.



Session chaired Prof. Saugata Bhaduri & by Prof. Ipsita Chanda, Dept. of Comparative Literature, EFLU, Hyderabad.. This was observed by Prof Saugata Bhaduri, of Centre for English Studies, Literature and Culture Studies, Jawaharlal Nehru University while addressing the inaugural session of a two-day national seminar on 'Challenges of Cosmopolitanism in English Literature' at the Department of English, University of Science & Technology, Meghalaya (USTM) on April 20th & 21st 2018
Coverage by The Assam Tribune today



The department of Zoology, University of Science & Technology, Meghalaya had organized a workshop on Phylogeny from 30th January to 1st February 2017. Around twenty one participant students and research scholars from ten different universities across the North East Region took part in this 3-days long workshop.



USTM announced several media fellowships for journalists of the region at a Round Table held on 18 January 2018 in the University campus amidst a galaxy of editors of newspapers and television channels as well as stalwarts and opinion makers from different states of the Northeast. Titled "USTM-Media Round Table 2018"



A two day Workshop on Legal Research Methodology organized by the University School of Law and Research, USTM during 26th & 27th August, 2016, with an aim of maintaining a balance or equilibrium between research methodology as prescribed by the UGC set of Laws for research and the practicality or the usage of the research subject so that a new dimension of critical analysis can be explored. Prof. Manoj Kumar Shah, Director, Indian Law Institute, New Delhi was present along with Prof. S.S. Chatterjee, University of Calcutta as Chief Guest & Guest of honor respectively.

A two-day-long National Seminar was held from 18 to 19 February 2017 on Ethnicity and Identity in the Northeast: Indian Writing in English. The Seminar was organized by the Department of English, USTM in association with the Department of English, Jamia Millia Islamia, New Delhi.

The Seminar began with a welcome song by the MA Students. This was followed by the speech of Dr PG Rao, VC, USTM. The Keynote speaker, Prof GJV Prasad, Centre for English Studies, JNU started off with a beautiful line "The Sun Rises Here". The key points that he highlighted were inherent conflict between "Us" and "Them", biggest marker of identity being 'gender', pre-existing notion that everything is fixed but which is not in reality, and so on.

Other guest speakers were Prof M Asaduddin, Dean, Faculty of Humanities and Languages, Jamia Millia Islamia, New Delhi, Prof Bijay K Danta, Department of English and Foreign Languages, Tezpur Central University, Prof Asha Kuthari Chaudhuri, Department of English, Gauhati University.



A three days 'National Workshop & Training in Frontier Areas of Food Science for Entrepreneurship Development Among Unemployed Youths' had been organized by the Department of Food Science, USTM from 7th to 9th Feb, 2017.

The objective of this workshop was to encourage unemployed youths, house makers and farmers to learn the basics of food preservation, bakery and pastry making process through well arranged classes and practical sessions. Sh. P K Hazarika, Director, Horticulture and Food Processing, Govt. of Assam was present as the Chief Guest on the occasion.

National Seminar on "New Trends in Biotechnology" for the North Eastern Region., lectured by Prof. Tapash Dasgupta, School of Agriculture and Rural Development, Ramakrishna Mission Vivekananda University, Kolkata, Dr.R.Puvanakrishnan, Former Director Grade Scientist and Head, Department of Biotechnology, CSIR-Central Leather Research Institute, Chennai and Dr.Hemant J.Purohit, CSIR National Environmental Engineering Research Institute, Nagpur. Also held a panel discussion on "Fostering Biotechnology Education and Research in the North Eastern States of India"



Seminars, Workshop & Conferences



An International Seminar on "Genres of Belief from a Folkloristic Perspective" was organized by School of Media Sciences and Cultural Studies in collaboration with the Department of Estonian and Comparative Folklore, University of Tartu, Estonia on 4th & 5th February, 2013.

USTM organized a guest lecture on Plasma Physics for the students of M.Sc. Physics on 29 January 2018. The speaker for the lecture was Prof. V. K. Tripathi, Professor Emeritus of IIT, Delhi. Prof. Tripathi is pioneer in the field of Plasma Physics and he has significant contributions to the growth of IIT Delhi from its inception. In his lecture Dr Tripathi discussed about historical background of plasma physics and plasma confinement, emphasizing their uses in various branches of Material Science and Laser Physics including energy generation and electricity production. The lecture was very interactive and was attended by faculty members and students of the Department of Physics.



A National Seminar on "Educational status of Minority women in NE India-challenges & future prospects" was organized on 1st March, 2014 supported by Ministry of Minority Affairs, Govt. of India. Total 25 papers on diverse topics were enlisted for presentation in the technical sessions of the seminar entitled "Situational analysis of minorities in NE India – Equity in education, employment and participation" & "Schemes and programmes relating to empowerment of women and role of Govt and non-Govt sectors".

A one day workshop on 'Corporate Social Responsibility, Industrial Dispute Act 1947, Contract Labour Regulation and Abolition Act 1970', organized by Department of Business Administration and Social Work on 30th May 2015.



Alumni Meet-2019

USTM never bid farewell to its passed out students, rather says "Keep in touch". To continue the bond, the University conducts Alumni meets at regular intervals which give a platform for interaction between the new and old batches. The well placed alumnis contribute in different ways for the upliftment of their respective departments as well as give a boost to the placement opportunities for the existing batches.



Nobel Peace Laureate Kailash Satyarthi at USTM

Nobel Peace Laureate and founder of the Bachpan Bachao Andolan, Kailash Satyarthi, flagged off the Meghalaya lap of his Bharat Yatra march at a function held on Sep 23th 2017. Zenith M Sangma, Minister Sports & Youth Affairs, Meghalaya, was also present on the occasion. 12 numbers of students from USTM had joined in this rally touring through 22 states of the country.



International Convention of Vice Chancellors (ICVC-2019)

International Convention of Vice Chancellors (ICVC-2019) of Universities of Bangladesh and North East India was organized by Shahjalal University of Science and Technology, Sylhet under the patronage of University Grant Commission, Bangladesh in association with USTM on 6th April, 2019 at Sylhet. It was attended by more than 30 Vice Chancellors of universities, apart from Directors of institutions; top researchers from both countries and was graced by Dr Dipu Moni, Education Minister of Bangladesh and Prof A Mannan, Chairman, UGC Bangladesh apart from other dignitaries.



Meghalaya SSLC 2018 Toppers Awarded

USTM in association with ERD Foundation, felicitated all the 40 rank holder students of SSLC 2018 under MBOSE at Shillong on 2nd August. The awards were handed over by Meghalaya CM Conrad K Sangma along with Dr DD Lapang, Former CM of Meghalaya, Education Minister Lahkmen Rymbui and other dignitaries. Thanking Chancellor MahbubulHoque and the entire USTM team for the gesture of honouring the rank holders, the CM said that institutions like USTM have a big role to play in research which can contribute to policy making. The successful students were awarded with laptops, mementos and other attractive rewards.



USTM-FACC student Topped ACS, 5 more were successful



Ms Maria Tanim, a student of FACC, the competitive exam coaching centre of ERD Foundation and partner institute of USTM, has secured top rank in ACS Examination 2016, results of which were declared on 16 November 2018. Maria and five more students have cleared ACS this time from FACC. The students are: Koustabh Roy (ACS), Namrata Das (ACS), Moonnoon Barkataki (ALRS), Mausum Pratim Nath (ACS) and Raj Ballabh Mahanta (AEO). Maria was awarded with cash award of Rs 50,000 while ERDF returned the entire coaching fees to all the successful students as rewards. ERDF honoured Sainen Balshya, Director FACC with Rs 50,000 for his constant effort and dedicated commitment towards teaching and guiding the students.

Jadav Payeng honoured with USTM Social Work Excellence Award

As the world celebrated the World Social Work Day on 20 March, USTM honoured environmental activist Padma Shri Jadav Payeng with "USTM Social Work Excellence Award 2018". Organised by the Department of Social Work of USTM, the award was handed over by veteran journalist, writer and activist Padma Shri Patricia Mukhim. The Department of Social Work, USTM celebrates the day every year by giving Social Work Excellence Award to individuals who have immensely contributed to the society.



Orientation Programme



Freshers' Social



National Science Day



World Physiotherapy Day



NSS East Zone Pre Republic Day Parade Training at USTM



CONPRENDO 2018



World Autism Day



World Food Day-2018



World Intellectual Property Day



National Librarian's Day





**CHERISHED MOMENTS
AT USTM**

Foundation Laying & Inauguration



"Academic Block" Foundation Laying by Shri. K. Rahman Khan, Former Union Minister of Minority Affairs



Shri Jyoti Prasad Rajkhowa, Hon'ble Governor of Arunachal Pradesh inaugurated the Amenity Centre at USTM



Prof. Q. Hoque School of Education, inaugurated by Prof Talat Ahmad, Vice Chancellor, Jamia Millia Islamia



Dr. Najma Heptulla, Union Minister inaugurated the Maulana Azad Academic Block



Shri Kiren Rijju, Union Minister of State for Home Affairs inaugurated Social Science Block



Food Science & Technology Laboratory inaugurated by Prof. Ved Prakash, Chairman UGC



Prof. Jagdish Mukhi, Hon'ble Governor of Assam
at the Foundation Laying of Srimanta Sankardeva Block



Prof. Mihir Kanti Chaudhuri, Former VC TU & Prof. A.K. Medhi, Former VC GU
inaugurating Dr. Nirmal Kr. Chaudhury Auditorium



Shri Conrad K. Sangma, Hon'ble Chief Minister of Meghalaya
at Foundation Laying of PA Sangma Block



Shri Jyoti Prasad Rajkhowa, Former Governor of Arunachal Pradesh
inaugurating the "International Centre for Gandhian Studies" (ICGS)



Shri Lakhmen Rymbul, Hon'ble Minister of Education, Forest etc.
Meghalaya at Foundation Laying of Dr. Donkupar Roy Block



Maulana Ahmed Ali Block Foundation Laying by
Allama TR Barthuiya, Ameere Shariat, NE Region



Meghalaya Home Minister James Sangma launching
the PA Sangma Chair Professor of Tribal Studies



Shri Siddharth KD Verma, Secy. MoMA Govt. of
India launched Nai Manzil Scheme

Snap Shots

Few Guest, Dignitaries & Academicians



Late Dr. A.P.J. Abdul Kalam
11th President of India



Shri Tarun Gogoi
Hon'ble Governor of Meghalaya



Shri Jagannathan
Governor of Assam



Shri P.E. Acharya
Governor of Nagaland



Shri H.S. Mohtasham
Former Governor of Meghalaya



Dr. Nagma Hengula
Governor of Manipur



Shri Conrad K. Sangma
CM, Meghalaya



Sri Ganga Prasad
Former Governor of Meghalaya



Prof. Ved Prakash
Former Chairman, UGC



Shri Kiren Rijiju
Union Minister of state for
Home Affairs



Dr. D.D. Lapsing
Former CM, Meghalaya



Dr. Mukul Sangma
Former CM, Meghalaya



Shri Lalitendu Singh
Hon'ble Minister of Education &
Forestry, Meghalaya



Shri James Sangma
Hon'ble Minister Meghalaya



Dr. M. A. Lincolne
Former Minister
P.W.D. Information & P.R. Department
IT & Labour, Meghalaya



Shri Tarun Gogoi
Former CM, Assam



Dr. Donkuper Roy
Former CM, Meghalaya



Shri A. S. Kisan Kumar
Chairman, IGEC



Prof. S.K. Srivastava
VC, NEHU, Shillong



Prof. Gresh Ch. Tripathy
VC, Baranasi Hindu University



Prof. M. Jagadeesh Kumar
VC, JNU



Prof. Gautam Barua
Director, IIT-G



Prof. Gautam Barua
Director, IIT-G



Prof. Mita Kanti Choudhuri
Former VC, Texas University



Prof. Abdul Mannan
UGC Chairman, Bangladesh



Dr. Dhruva J. Sarkar
Former VC, Cotton College (State University)



Shri Kalyan Ch. Sanyal
Hon'ble Police Commissioner



Prof. S.K. Sanyal
Former VC, JNU, New Delhi



Prof. Bani Kumar Konwar
Former VC, Nagaland University



Dr. N. M. Bagaria
VC, Assam Agri University



Shri Frank F. Iliam
Chairman & CEO,
FI Invest Group, USA



Prof. Anurag Choudhary
VC, Calcutta University



Padmasubramaniam Dr. Ashish Datta
Former VC, JNU, New Delhi



Dr. Dinesh Bora
VC, Assam
Sc. & Technology University



Prof. Tahir Ahmad
VC, Jamia Millia Islamia



Shri Siddhartha Bhattacharya
Hon'ble Education Minister of Assam



Prof Vinod Kr Jain
VC, Tezpur University



Prof Dipika Deka
VC-SSUHS



U. Gai Zameer Uddin Shykh
Former VC, AMU



Prof Sanjay Deshmukh
VC, University of Mumbai



Prof Mond Istiaque
VC, Magadh University



Dr B.S. Tomar
Director of BARC, Mumbai



Prof. Moshahid Hudaib
VC, MUP Rohatnagar University



Dr. P.H. Shamsuddin
Former VC, Chittagong University, UAR



Prof. G.D. Sharma
VC, Biharpur Vaidya University



Prof. Dr. Poonam Saxena
VC, National Law University, Jodhpur



Dr. Liggit Ali
Scientist, IIRDEM, Dhaka



Shri Mani Shankar Aiyar
Hon'ble, Former Member, Rajya Sabha



Prof. David R. Syiemlieh
Chairman, UPSC



Dr. U.C. Saha
VC, SSUHS, Guwahati



Justice A.M. Ahmad
Former Chief Justice of India



His Excellency Syed Nazim Ali, High
Commissioner of Bangladesh in India



Mr. L.R. Sangha
Former Chairman, MPSC



Mr. Manoj Choudhury
Former Education Minister, Meghalaya



Shri A.T. Moncal
Speaker, Meghalaya Legislative Assembly



Dr. N.V. Deshpande
Director, NIT Silchar



Dr. Justice Abul Husain Saikia
Former Chief Justice, J & K,
Chairman, AHRC



Mr. L. Roy
Chairman, MPURB



Mr. K. Rahman Khan
Former Union Minister of Minority
Affairs, Govt. of India



Maulana Arshad Madani
President, Jamiat Uloom Hind



Dr. D. Ramakrishna
Director, CSIR-NEIST



Dr. D.N. Buragohain
Founder Director, IIT-G



Justice MSA Siddiqui
Former Chairman, NCMEI, MPD



Shri K.W. Hazare
Ex-CMD, NEDFi



Jignesh Mevani
Politician & Social Activist



Hardik Patel
Youth leader & Social activist



Shri PP. Srivastava IAS
Member Secretary, NEC



Prof. Vinod Kumar
Vice-Chancellor, NLU & JA



His Excellency M. Tarik Ahmed Khan
Former High Commissioner of Bangladesh



Shri Gurukul Gogoi
Member of Parliament

SOME OF THE PROMINENT VISITORS AT TECHNO CITY

Eminent personalities of the country as well as stakeholders of the society has visited the Institution on different occasions. Some of them are:

Name	Designation
Dr APJ Abdul Kalam	Former President of India
Prof. Ved Prakash	Chairman, UGC
Prof. Abdul Mannan	Chairman, UGC, Bangladesh
Shri A. S. Kiran Kumar	Chairman, Indian Space Research Organization (ISRO)
Prof. David R. Syiemlieh	Chairman, Union Public Service Commission (UPSC)
Shri Kailash Satyarthi	Nobel Peace Laureate
Justice A. M. Ahmedi	Former Chief Justice of India
Dr B. S. Tomar	Director, R&G, Bhaba Atomic Research Centre (BARC)
Shri R. S. Mooshahary	Governor, Meghalaya
Shri V. Shanmuganathan	Governor, Meghalaya
Shri Ganga Prasad	Governor, Meghalaya
Shri Tathagata Roy	Governor, Meghalaya
Shri J. P. Rajkhowa	Governor, Arunachal Pradesh
Shri J.B. Patnaik	Governor, Assam
Sri P. B. Acharya	Governor of Nagaland
Dr. Najma A Heptulla	Governor of Manipur
Shri Jagadish Mukhi	Governor, Assam
Dr. Mukul Sangma	Chief Minister, Meghalaya
Shri Conrad Sangma	Chief Minister, Meghalaya
Shri Kiren Rijju	Union Minister of State for Home Affairs
Shri Tarun Gogoi	Former Chief Minister, Assam
Mr Donkuper Roy	Former CM, Meghalaya
Mr P. A. Sangma	Former Speaker, Lok Sabha, India
Dr D. D. Lapang	Former CM, Meghalaya
Dr. Ampareen Lyngdoh	Minister of PWD, IT, & PR & Labour, Govt. of Meghalaya
Shri K. Rahman Khan	Union Minister of Minority Affairs, Govt. of India
Shri Ninong Ering	Minister of State for Minority Affairs, Govt. of India
Ms. Agatha Sangma	Minister of State, Rural Development, Govt of India
Mr Manash Choudhury	Former Education Minister, Meghalaya
Mr A. T. Mondal	Minister, IT, Irrigation & Tax, Meghalaya
Shri Ranjeet Kumar Das	Speaker, Assam Legislative Assembly, Govt. of Assam
Sri Mani Shankar Aiyar	Ex Minister, DoNER & Chairman, NEC Secretariat
Mr. Justin Dikhar	Parliamentary Secretary, Dept of Education, Govt of Meghalaya
Mr. Nadeemul Hoque	Kolkata, MP, Rajya Sabha
Shri Digvijay Singh	General Secretary, AICC
Smt. Sheila Dikshit	Former Chief Minister, Delhi
Shri Gaurav Gogoi	MP, 16th Lok Sabha
Shri James Sangma	Cabinet Minister of Home, District Council Affairs, Food Civil Supplies & Consumer Affairs, Law & Power, Govt of Meghalaya
Shri Lahman Rymbul	Education Minister, Meghalaya
Shri Siddhartha Bhattacharyya	Education Minister, Assam
Shri Prafulla Kumar Mahanta	Former Chief Minister, Assam
Christopher Sanchez M	Ambassador of Costa Rica to India
Shri Ashok Sajjanhar	Ambassador of India to Kazakhstan, Sweden & Latvia
Shri Tarik Ahmad Karim	High Commissioner of Bangladesh to India
Shri Syed Muazzem Ali	High Commissioner of Bangladesh to India
Mr. Tharadol Thongruang	Minister Counsellor Commerce Royal Thai Embassy
Prof. (Dr) Henry H. H. Chen	Director, S&T, Taipei Economic & Cultural Center, India
Ms Paulette Gignouley	President, Perspective Asstronnes, France
Dr Shah Mohammad Tahir Mohsur	Assistant High Commissioner of Bangladesh to India
Zafar Sareeshwala	Chancellor, Maulana Azad National Urdu University
Prof. Girish Chandra Tripathi	Vice Chancellor, Banaras Hindu University
Prof. Ashutosh Ghosh	Vice Chancellor, University of Calcutta
Prof. Sanjay Deshmukh	Vice Chancellor, University of Mumbai
Prof M. Jagadesh Kumar	Vice Chancellor, Jawaharlal Nehru University, New Delhi

Name	Designation
Prof Talat Ahmed	Vice Chancellor of Jamia Millia Islamia
Prof Dilip Ch Nath	Vice Chancellor, Assam University, Silchar
Prof. M.K. Chuadhuri	Vice Chancellor, Tezpur University
Dr. Mridul Hazarika	Vice Chancellor, Gauhati University
Prof. S. K. Srivastava	Vice Chancellor NEHU
Dr. Dhiraj Bora	Vice Chancellor, Assam Science & Technology University
Dr. Dhruva J. Saikia	Vice Chancellor, Cotton University
Prof G. D. Sharma	Vice Chancellor, Bilaspur University
Prof. Mohammed Ishtiyaque	Vice Chancellor, Magadh University
Prof Mushahid Husain	Vice Chancellor, MJP Rohilkhand University
Dr. Alak Kumar Buragohain	Vice Chancellor, Dibrugarh University
Prof Umesh Ch. Sarma	Vice Chancellor, SSUHS, Guwahati
Dr. D. T. Khating	Vice Chancellor, NE Christian University
Prof Bolin Kr Konwar	Vice Chancellor, Nagaland University
Prof Sudhir Kumar Sopory	Former VC, Jawaharlal Nehru University
Dr. Kulendu Pathak	Former VC, Dibrugarh University
Dr. Kishori Mohan Pathak	Former VC, Tezpur University
Dr. A. C. Bhagabati	Former VC, Rajiv Gandhi University, Arunachal Pradesh
Dr. G. N. Talukdar	Former VC, Gauhati University
Shri Kamalwar Bora	Former VC, Dibrugarh University
Dr K. K. Deka	Former VC, Dibrugarh University & VC, MSSV
Padma Bhushan Prof Asis Dutta	Former VC of JNU, Delhi
Dr. Dhruva J. Saikia	Former VC, Cotton University
Padmashree Dr. Mehmoodur Rehman (IAS)	Former VC, Aligarh Muslim University
Prof Okhil Kr Medhi	Former VC, Gauhati University
Prof. K. M. Bujarbarua	Vice Chancellor, Assam Agricultural University
Prof. Vipender Kumar	Vice Chancellor, National Law University & Judicial Academy
Dr. I. S. Patil	Vice Chancellor, National Law University & Judicial Academy
Prof. K.R.S. Sambasiva Rao	Vice Chancellor, Mjoram University
Prof. M. Premjit Singh	Vice Chancellor, Central Agricultural University, Manipur
Prof. K.K. Deka	Vice Chancellor, Mahapurusha Srimanta Sankaradeva Vishwavidyalaya, Assam
Prof Vincent T. Darlong	Vice Chancellor, Martin Luther Christian University
Prof. Bhabesh Ch. Goswami	Vice Chancellor, Cotton University
Dr. Saket Kushwaha	Vice Chancellor, Rajiv Gandhi University, Arunachal Pradesh
Prof. Vinod Kumar Jain	Vice Chancellor, Tezpur University
Mr. L. Roy	Chairman, Meghalaya Private University Regulatory Board (MPURB)
Shri J. M. Lyngdoh	Former Chief Election Commissioner, India
Sri Mukesh Sahay	DGP, Assam, Govt. of Assam
Justice B. K. Sharma	Former Justice, Gauhati High Court
Justice P. G. Agarwal	Former Justice, Gauhati High Court
Justice A. C. Upadhyay	Former Justice & Director, Assam Judicial Academy
Justice P. C. Phukan	Former Justice, Gauhati High Court
Prof. (Dr) Gautam Biswas	Director, IIT-Guwahati
Prof Jayant Modak	Dy Director, IISc Bangalore
Ms L. R. Sangma	Chairman, Meghalaya Public Service Commission
Justice M.S.A. Siddique	Chairman, NCMEI
Dr. Shabistan Gaffar	Chairperson, Committee on Girls' Education, NCMEI
Dr Gautam Barua	Former Director, IIT-Guwahati
Dr. Justice Aftab Hussain Saikia	Chairperson, Assam Human Rights Commission & Former Chief Justice, J & K
Dr. Alexander P. Hansen	Director, German Research Foundation
Mr. Ashish Kr Chauhan	MD & CEO, Bombay Stock Exchange
Mr. Kishor Kharat	Managing Director & CEO, IDBI Bank

Name	Designation
Mr. P. V. S. L. N. Murty	Chief General Manager, North Eastern Circle, SBI
Dr. D.N. Buragohain	Founder Director IIT-G
Dr. S. Kanunja	Former Joint Commissioner of Taxes, Govt. of Assam
Prof. Akhtar Mohd. Siddiqui	Jamia Millia Islamia, Ex Chairman, NCTE
Shri D. M. Barua	President, Guwahati Management Association
Mr. P. V. S. L. N. Murty	Chief General Manager, North Eastern Circle, SBI
Mr. K. Vikram Rao	President, Indian Federation of Working Journalists
Dr. Amiya Sarma	Director, RGVN
Mr. S R Medhi	Director (Technical), NRL
Mr. B B Sangma	Director, IBM, Ghy
Dr. Rajat Gupta	Director, NIT Mizoram
Dr. Goutam Sutradhar	Director, NIT Manipur
Dr. P. L. N. Raju	Director, NESAC
Dr. N. V. Deshpande	Former Director, NIT Silchar
Dr. D. Ramiah	Director, CSIR-NEIST
Dr. S. Gangopadhyay	Director, CSIR-CRI
Prof. Furqan Qamar	Secretary General, Association of Indian Universities
Shri P. P. Srivastava (IAS)	Former Member Secretary, NEC
Dr. N.C. Talukdar	Director, IASST
Shri Prakash D. (IAS)	IGP, NE Sector, CRPF, Meghalaya
Shri R. M. Singh	DG, Civil Defence, Govt. of Assam
Prof. Parimal Ch. Bhattacharya	Vice Chairman, Wildlife Trust of India
Mr. Ranjit Das	Director, Indian Law Institute, New Delhi
Dr. Umasankar Mohanty	President, Indian Association of Physiotherapist
Prof. Bimal Kumar Ray	Former Director, Indian Statistical Institute (ISI), Kolkata
Dr. Sujoy Bhattacharya	Director, Reactor Project Group, BARC
Prof. Ajit Verma	Director, Amity Institute of Microbial Technology
Prof. Marja Itavara	Scientist, University of Helsinki, Finland
Dr. Farah Ahmed	Co-ordinator, IWMIL, Colombo, Sri Lanka
Dr. Anirudha Datta Roy	IISc, Bangalore
Dr. B. K. Bhattacharya	Regional head, CIFR
Prof. Ujaat Ali	Scientist, BIRDEM, Dhaka
Mrs. Nakishyla	Member, Meghalaya State Commission for Women & Advocate Meghalaya High Court
Prof. Manoj Kumar Sinha	Professor, University of Calcutta
Ms. Andrew Mc Marie	University Of Montreal, Canada
Mr. Noel Mc Carrick	Hi-Tech Education Centre, Ireland
Prof. Ulo Valk	University of Tartu, Estonia
Prof. Jeanne W. Anastas	Fulbright Scholar & Professor, Silver School of Social Work, New York University
Shri Homon Borgohain	Author & Journalist
Padma Shree Arun Sharma	Eminent playwright & theatre activist
Shri B.S. Narzary	Noted writer
Smt. Eli Ahmed	Noted writer & poet
Shri Atulenanda Goswami	National award winning Author
Dr. Lakshmi Nandan Bora	Noted writer
Dr. Pramod Ch. Bhattacharjee	Eminent Author
Mr. Todd Baer	Sr. Journalist, Al Jazeera News Channel
Smt. Nirupama Borgohain	Noted Writer
Dr. Asghar Ali Engineer	Reformist Writer & Activist
Shri Abdul Majid	Renowned Film & Theatre personality
K.K. Jhunjhunwala	Editor in Chief, Eastern Panorama, Shillong
Col. Monoranjan Goswami	Renowned Columnist
Shri Mahesh Bhatt	Renowned Film Maker & Social Activist
Smt. Nidhi Kulpoti	NDTV India, Senior Editor and Anchor
Allama Tayeebur R. Barbhuiya	Anwar-E-Shariat-N.E. India
Swami Agnivesh	Renowned social activist and social reformer
Dr. V. Prakash	Sr. Scientist, CSIR
Dr. Amitava Roy	Scientist-F, DST, Ministry of Science & Technology, Govt. of India
Dr. Pratibha Jolly	Principal, Miranda House, University of Delhi

Name	Designation
Dr. Papiya S. Nandy	Prof, Jadavpur University & Director, Jagadish Bose National Science Talent Search
Dr. Sudha Kappali	Sr. Scientist, Central University of Kerala
Dr. Anita Agarwal	Scientist-F, DST, Ministry of Science & Technology, Govt. of India
Prof. Anvesh Majumdar	Homi Bhabha Centre for Science Education, Institute for Fundamental Research, Mumbai
Dr. A. Mukhopadhyay	Scientist-G & Head, R & D Infrastructure Division, DST, Govt of India
Prof. Sudarshan Jyengar	Renowned Gandhian & Former VC, Gujarat Vidyapith
Shri Tushar Arun Gandhi	Great grandson of Mahatma Gandhi & Renowned Gandhian
Prof. B. Khadria	Chairman, Zakir Hussain Centre, JNU
Dr. Frank Islam	Chairman & CEO, FI Investment group, USA
Dr. P. A. Ibrahim Haji	Founder Chairman, PACE Group, UAE
Dr. Sudip Dutta	CMD, Ess Dee Aluminium Ltd., Singapore
Prof. Gauranga Dhar Baruah	Emeritus Professor & Eminent Physicist (Scholar of Nobel laureate Sir CV Raman)
Smt. Swati Paradkar	President, Shri Mahila Griha Udyog, Mumbai
Smt. Binubala Rabha	Social Activist
Prof. Victor Paul	MOD, Social work, Christ University
Padma Shree Dr. Sarbeswar Sahariah	Vice Chairman, KIMS Hospital, Hyderabad
Padma Shree Vaidya Balendu Prakash	Director, Vaidya Chandra Prakash Cancer Research Foundation, Dehradun
Dr. R. Puvanakrishnan	Director Grade Scientist & Head, Dept of Biotechnology, CSIR-CLRI, Chennai
Dr. Hemant J. Purohit	CSIR-NEERI, Nagpur
Prof. Saugata Bhaduri	Centre for English Literature & Cultural Studies, JNU
Prof. S.A.M. Pasha	Dept. of Pol. Sc., Jamia Millia Islamia
Prof. Saurav Basu	Associate Prof. & Dean, Outreach programme, IIT-G
Prof. Manabendra D. Choudhury	Professor, Assam University, Silchar
Prof. Suhail Sabir	Professor, Aligarh Muslim University
Prof. Asad Uddin	Professor, Jamia Millia Islamia
Prof. Yasmin Saikia	Professor, Arizona State University, USA
Dr. Saif Sheikh	President, Federation of Aligarh Alumni Association, USA
Prof. Chad Haines	Professor, Arizona State University, USA
Ms. Masina Kharbi	Founder Director, IMPULSE Network, Shillong
Padmashree Jadav Payeng	Renowned Social Worker
Padmashree Patricia Mukhim	Editor, Shillong Times
Dr. Nomal Borah	Founder, GNRC Hospitals
Shri Kanak Sen Deka	Former President, Asom Sahitya Sabha
Dr. Dhruvajyoti Borah	Former President, Asom Sahitya Sabha
Shri Paramananda Rajbongshi	President, Asom Sahitya Sabha
Shri Dipak Kumar	Regional Director, NSS
Fr. Lukose Cheruvalel	Founder Director, Snehalaya
Smt. Minakshi Devi	Renowned Social Worker
Lou Majaw	Renowned Musician from Meghalaya
Dilip Tirkey	Former Captain, Indian Hockey Team
Monalisa Barua Mehta	Arjun Awardee
Dr. Shah Faesal	IAS Topper, 2009
Shri Mukesh Pandey	IAS Topper 2012 from Assam
Ira Singh	IAS Topper, 2015

Eminent Personalities Speak..



The University must exercise moral leadership to meet the challenges of the 21st century.

Dr. APJ Abdul Kalam
11th President of India



I had no idea that such a huge University exists so near the National highway. This University carries a multifarious teaching and research activities in different fields. I wish all success to USTM in the coming years.

Shri Tathagata Roy
Hon'ble Governor of Meghalaya



I am amazed to see the gigantic campus of the University and also the cultural activities. I wish every success to the University

Prof. Jagdish Mukhi
Hon'ble Governor of Assam



USTM is unique due to its Human touch. This university will reach the heights of excellence under the leadership of its dynamic chancellor to make this region "Education Hub"

Shri Conrad Sangma
Chief Minister, Meghalaya



I am very pleased to be with the students and faculties of the University especially the founder Chancellor for the service to higher education in North-East

Shri Kailash Satyarthi
Nobel Peace Laureate



Not only the University is extraordinary, so are the people, especially the Chancellor and his splendid team. I expect that we in Bangladesh will be able to work together in future

Prof. Abdul Mannan
Chairman, UGC, Bangladesh



I was very impressed by the academic and research activity being carried out at the University. It is amazing that so much of infrastructure has been created in a short period. This University has a bright future

Lt. Gen. Zameer Uddin Shah
Former VC, Aligarh Muslim University



University of Science & Technology, Meghalaya has been growing as the best private University in the NE region. It acts as a path finder in the field of higher education which is a dire need of the time.

Prof. Ved Prakash
Former Chairman, UGC



It is indeed heartening to see the enthusiasm of the students and faculty of this institution. Wishing a great future to all endeavours.

Shri A S Kiran Kumar
Chairman, ISRO



The environment and ambience is excellent, feel closer to the nature. I am sure this university will go a long way

Prof. Talaf Ahmad
VC, Jamia Millia Islamia



"Amazed to witness such a young University like USTM creating immense contribution in the education movement of the North Eastern region. I am sure, one day it will be one of the best Universities of the country. Wishing all the very best"

Prof. M Jagadesh Kumar
VC, JNU New Delhi



Proud to have an Institute of quality in our state. But in Education sector, there is no space or time to rest. It is an ongoing journey. Wishing All the stakeholders a wonderful journey

Shri. Lahkmen Rymbui
Education Minister, Meghalaya



I am really impressed with the overall growth and development of USTM. I wish that this unique university will flourish into a centre of excellence in the North East.

Shri Siddhartha Bhattacharya
Education Minister, Assam

UGC-AICTE, NCTE & BCI Inspection Team



View of UGC-AICTE Visiting Team



View of BCI Inspection Team



View of NCTE Inspection Team

ADVISORY COUNCIL

- ▶ Dr. N.K. Chaudhury, Former VC, Gauhati University
- ▶ Prof. Abdul Mannan, Former Chairman, UGC, Bangladesh
- ▶ Dr. D. D. Lapang, Former Chief Minister, Meghalaya
- ▶ Er. Fiedel War, Former Chairman, MPSC, Shillong
- ▶ Justice Dr. Aftab H. Saikia, Chairperson, AHRC, Assam
- ▶ Justice M.S.A. Siddiqui, Ex-Chairman, NCMEI, MHRD, GoI
- ▶ Dr. G.D. Sharma, VC, Bilaspur Vishwavidyalaya, Chhattisgarh
- ▶ Mr. Manash Choudhury, Ex- Education Minister, Meghalaya

- ▶ Dr. Kulendu Pathak, Former VC, Dibrugarh University
- ▶ Dr. A.C. Bhagabati, Former VC, RGU, Arunachal Pradesh
- ▶ Prof. Gautam Biswas, Former Director, IIT-G
- ▶ Prof. Saurabh Basu, Dean Outreach, IIT-G
- ▶ Dr. MLA Rahman, Director, Rahman Hospitals
- ▶ Dr. A.C. Katoki, Director, BBCI, Guwahati
- ▶ Shri Homen Borgohain, Noted Writer, Poet & Editor
- ▶ Aftab A. Khan, Advocate, Gauhati High Court.

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দৈনিক যুগশাস্ত্র

সংবাদী বিভাগ, কলিকতা-১০০০৪৬। প্রকাশিতঃ শুক্রবার ২৩ জুন ১৯৮৭ খ্রিঃ।

ইউ এসপিএম-নিউজ বিশাল নিয়োগ মেলা

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THE GUARDIAN

USTM observes 140th birth anniv of Einstein,
first death anniv of Stephen Hawking

Our institutions must produce Nobel Laureate: Prof. G D Banarjee

THE NORTH EAST TIMES

Times

5 Chinese street

na ka SELDD ban
bynta u Nitendra





HOW TO REACH / LOCATE USTM

USTM is located very strategically in the border of Assam in the state of Meghalaya in close proximity to the city of Guwahati (Gateway of North-East).

By ROAD

Guwahati :

From ISBT to USTM -12 Kms.

From Khanapara to USTM – 3 Kms.

From Dispur to USTM- 6 Kms.

Regular city bus and auto services are also available from different parts of Guwahati to the CRPF Group Centre, 9th mile, from there, share auto services are available to the university.

Shillong:

Shillong, the capital of Meghalaya, is only 85 Kms to the USTM campus. Sumo and bus services are available at regular interval from shillong till CRPF Group Centre, 9th mile. From there share auto is available to the university.

Other States:

Regular Auto and Taxi service are available from ISBT, Guwahati to the University campus for people coming from other states by Bus.

By AIR

The nearest airport LGBI Airport, Guwahati is only 40 Kms from the University Campus. Taxi services are available from airport to the University.

By RAIL

Guwahati railway station is the nearest railway station which is about 15kms from the University. Regular Auto and Bus services are available from the Railway Station .



Skill Courses @ USTM

Duration : 3 Months, 6 Months, 1 Year

Trainer Courses in...

Sports Clubs

Football
Volley Ball
Basket Ball
Badminton
Base Ball

Fitness Clubs

Gymnasium
Yoga
Zumba

Riding Club

Horse Riding

Driving Club

Women's Driving

Avail 50% OFF
in early bird
Registration





Campus

Techno City, Khanapara, Kling Road

Baridua, 9th Mile, RI-Bhol, Meghalaya-793101

Ph. 9508 444 000/0361-2895030/098540-23060/7002508978

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Web : www.ustm.ac.in

City Office

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