

USTM



Unveiling Excellence

ANNUAL REPORT 2022-23

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Accredited 'A' Grade by NAAC

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

OUR APPROVALS



ज्ञान-विज्ञान विमुक्तये
UGC



AICTE



BCI



गुरुगुरुतमो धाम
NCTE



PCI



CBSE



SSUHS



AUS



NEHU



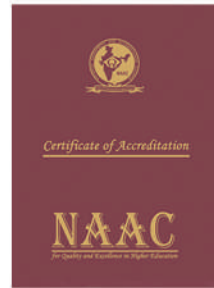
AHSEC

OUR ACCREDITATION



NAAC

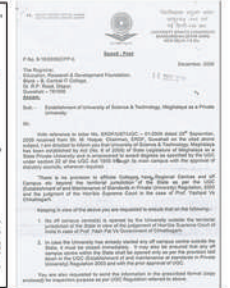
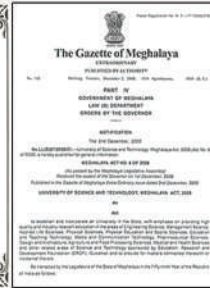
(Accredited 'A' Grade by NAAC)



NAAC



Gazette



UGC

OUR ASSOCIATION / COLLABORATIONS



IIT, GUWAHATI



GAUHATI UNIVERSITY



TEZPUR UNIVERSITY



JNU, New Delhi



MIZORAM UNIVERSITY



JAMIA MILLIA ISLAMIA



NLUJA



ASSAM SAHITYA SABHA



NIT, SILCHAR



AMU, Aligarh



IASST



CSIR-NEIST



ASTU



NIT, MIZORAM



NESAC
NORTH EASTERN SPACE
APPLICATIONS CENTRE



BBCI



NIRD-PR



**Confederation of
Indian Industry**



NETAR

INTERNATIONAL COLLABORATIONS



বাংলাদেশ
বিশ্ববিদ্যালয় মঞ্জুরী কমিশন



UNIVERSITY OF DHAKA



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



**OSIKDAR
UNIVERSITY**



SELCUK UNIVERSITY



**ANKARA YILDIRIM BEYZIT
UNIVERSITESI**



**FATİH SULTAN
MEHMET
YAKIF UNIVERSİTESİ**



UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Accredited '**A**' Grade by NAAC



CONTENT

USTM LEADERSHIP From the Chancellor's Desk PREFACE HIGHLIGHTS OF THE YEAR An Overview: USTM ORGANIZATION STRUCTURE - USTM	Page No	1	
		2	USTM at a Glance STATUTORY BODIES OF USTM STATUTORY OFFICIALS ACADEMIC CALENDAR LIST OF PROGRAMMES
SCHOOLS APPLIED SCIENCES BIOLOGICAL SCIENCES Social Sciences & Humanities TECHNOLOGY & MANAGEMENT SCHOOL OF EDUCATION PHARMACEUTICAL SCIENCES ALLIED MEDICAL SCIENCES SCHOOL OF LAW & RESEARCH SCHOOL OF LANGUAGE & CULTURE	Page No	3	
		4	CENTRE Centre for Career Guidance (CCG) Centre for Competitive Examination (CCE) Centre for Innovation Incubation and Entrepreneurship (CIE) Students Activity Centre (SAC) Centre for skill development(CSD)
Maulana Azad Central Library CENTRAL ACTIVITY CENTRAL ACHIEVEMENT INFRASTRUCTURE STRATEGIC PLAN IN BRIEF SCHOLARSHIP ACTIVITY BY NSS	Page No	5	
		6	AUDIT REPORT Audit Report (Finance) Audit Report (Green) CONVOCATION
			Page No



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”



VALUES

- ❖ Competitive and Progressive
- ❖ Excellence & Creativity
- ❖ Compassion & Inclusivity

From the Chancellor's Desk



In the pursuit of a common goal, teams often excel by synergizing their strengths. At the University of Science and Technology Meghalaya (USTM), our shared ambition is to attain the status of a world-class institution, where everyone is committed to perpetually elevating our standing. What commenced with just six students and five faculty members in 2011 has now evolved into a thriving institution, boasting more than 6,500 students and a dedicated faculty of over 300.

It fills me with immense pride to announce that USTM achieved an "A Grade" accreditation rating from the National Assessment and Accreditation Council (NAAC) in its very first assessment cycle in 2021. Furthermore, we have been consistently ranked among the top 200 universities in India by the National Institutional Ranking Framework (NIRF) in 2022 and 2023.

This remarkable leap forward owes its success to the trust and faith of our students, the blessings and support of numerous eminent personalities, the academic community at large, and, of course, our dedicated team. It is this collective effort that has propelled USTM to become one of the fastest-growing private universities in the entire North East India, equipped with all the requisite approvals from statutory bodies such as UGC, AICTE, NCTE, and BCI.

I extend my heartfelt gratitude to the Members of the Legislative Assembly of Meghalaya, particularly the late Dr. Donkuper Roy, the former Chief Minister, and the honorable former Governor of Meghalaya, Shri R S Mooshahary, who played pivotal roles in the establishment of our university.

It brings me great pleasure to inform you that USTM has hosted numerous national and international seminars, conferences, and workshops on contemporary topics of significance. Eminent dignitaries, including the late Dr. A.P.J. Abdul Kalam, Shri Ram Nath Kovind, Shri AS Kiran Kumar, Shri Kailash Satyarthi, Dr. BS Tomar, Prof. Govindan Rangarajan, and other luminaries, have graced these occasions. We've also had the honor of hosting Governors, Chief Ministers, Vice Chancellors from leading Indian universities, and distinguished guests.

While it is disappointing that no Indian university currently ranks among the world's top 100, we've set ambitious milestones under "Mission USTM." "Mission Silver" aims to position the university among the best in India by 2025, while "Mission Gold" aspires to attain world-class status by 2030. My dedicated colleagues are working tirelessly toward realizing this vision, guided and supervised by the esteemed academic community of our region.

Our objective is to establish an institution in this part of the country that rivals the likes of Oxford or Cambridge, and I am highly optimistic that we can achieve this remarkable feat.

I extend my earnest hope that you will all support us and keep us in your thoughts and prayers as we strive to make USTM a globally renowned center of knowledge and excellence.

Sd/-
Mahbubul Hoque
Chancellor, USTM

Preface



In the pursuit of excellence, the University of Science & Technology Meghalaya (USTM) continues to thrive. It is with great pleasure that I present the Tenth Annual Report of USTM, covering the period from April 1, 2022, to March 31, 2023.

USTM stands as a beacon of commitment to high-quality science and technology education and advanced research in emerging fields. Our university is driven by an unwavering focus on innovation, invention, and entrepreneurship, which are central to our mission. We firmly believe that science and technology will pave the way for a new India, one that fulfils the aspirations of millions of its citizens.

USTM, though relatively young, has evolved after two years of thoughtful deliberations by the Education, Research, and Development Foundation. Eminent educationists, former Vice Chancellors, distinguished scientists, and public figures from the North East region, under the visionary leadership of Mr. Mahbubul Hoque, an esteemed educationist and Chairman of the ERD Foundation, laid the foundation for this institution.

The past year has been marked by remarkable progress, marked by an increase in student enrolment and a plethora of academic programs. In each of our schools, we have witnessed advancements in staff contributions, student strength, publications, seminars, and ongoing research projects. Fourteen PhD scholars have made significant strides in addressing socially relevant issues in the North East, contributing to the region's development.

Recently, USTM signed Memoranda of Understanding (MoUs) with 53 universities from India and abroad during the National Conference of Vice Chancellors-2023, which concluded on March 25, 2023. This marks a significant step forward in our pursuit of academic collaboration and progress, with esteemed institutions like Jawaharlal Nehru University, New Delhi; Kathmandu University, Nepal; Jadavpur University, Kolkata; and many others joining hands with us.

Throughout the year, our university had the privilege of hosting distinguished dignitaries, including Former President of India Dr. A.P.J. Abdul Kalam, Shri Ram Nath Kovind, Shri Satya Pal Malik, Governor of Meghalaya, and several other prominent figures in academia and public life. Their presence enriched our academic environment and inspired our community.

USTM was founded with a mission to create an inclusive, barrier-free, and open environment for higher education, representing an investment in the future of our nation and its youth. I call upon everyone associated with this institution to continue striving for nothing less than the best.

I extend my heartfelt gratitude to Hon'ble Chancellor Mr. Mahbubul Hoque for his visionary leadership in nurturing the university and his commitment to establishing international standards in our region. Together, as a united University Community, we will make this vision a reality. I also express my appreciation to our dedicated faculty, staff, students, advisors, and the ERD Foundation for their unwavering cooperation and support.

As we embark on the journey ahead, let us remain steadfast in our pursuit of excellence, innovation, and academic achievement. Together, we shall continue to shape the future of USTM and contribute to the betterment of our society and nation.

Sd/-
G. D. Sharma
Vice Chancellor, USTM

HIGHLIGHTS OF THE YEAR 2022-23

1. NIRF-2022 Ranking. USTM has ranked among the top-200 universities of India in the 7th edition of NRF-2022.
2. AGM of AIU National Conference of Vice Chancellors-2023 held at USTM.
3. USTM vice chancellor takes charge of AIU as President.
4. The awards that USTM received
 - 4.1 UNESCO Community Excellence award
 - 4.2 Green University award
 - 4.3 United Nations RC declared USTM as “Centre of Excellence”
 - 4.4 National Biotech Youth award-2023 to USTM research team
 - 4.5 Women Scientist award to USTM faculty
5. Two faculties from Pharmaceutical Science were selected as Bentham Ambassadors.
6. USTM faculty listed among World’s top 2% scientists by Stanford University.
7. The names of three USTM students were included in Guinness book of World records.
8. USTM student selected for the India team (Handball).
9. The Pharmacy council of India (PCI) selected USTM pharma team’s innovation.
10. Foundation of P A SANGMA International Medical College was laid.
11. Publications (Journals), 251 research paper published in UGC care/ Scopus/ SCI/ Web of Science
12. Patents (Granted/ Published) – 97
13. Books/Book Chapters (Published)- 106
14. 25 research projects of 1.1 crores completed, funded by:
SERB-DST-SRG/ SERB-DST-TARE/ DST- NGIEDC/ ICSSR/ Meghalaya State Skill Development Society
15. 28 faculty members recognized/awarded by various National/International research/academic bodies.
16. A total sum of 4.8 crores scholarship granted to 393 students.
17. 69 academic collaborations/MoU's signed in this academic year.
18. 126 Conference/Seminar/Workshop organized by USTM.
19. 72 resources (Books/ journals/ Magazines) added to Central Library.
20. 910 students getting placement to various reputed employers.
21. Governor’s award for Excellence in Public Service to USTM Chancellor.
22. USTM chancellor granted access to the UN HQs.
23. USTM VC received Education Excellency award.
24. USTM VC awarded Diamond Leader of Asia.

An Overview : USTM

The University of Science & Technology Meghalaya (USTM) is the first State Private University of Science and technology in the entire North East India—a university that has been awarded the accreditation rating of “A Grade” in its first cycle of assessment by the National Assessment and Accreditation Council in 2021. The University is only 12 years old and is sponsored by the ERD Foundation, Guwahati. The University was established in a picturesque landscape surrounded by tranquil greenery on the Assam-Meghalaya border at Baridua, 9th mile, opposite the CRPF Camp, Ri-Bhoi District of Meghalaya. It is about 85 km from Shillong, the Capital of Meghalaya & and 6 km from Dispur, the capital of Assam. The campus is well connected by Rail & Air which is only 15 km away from Guwahati Railway Station and 30 km from Guwahati International Airport.

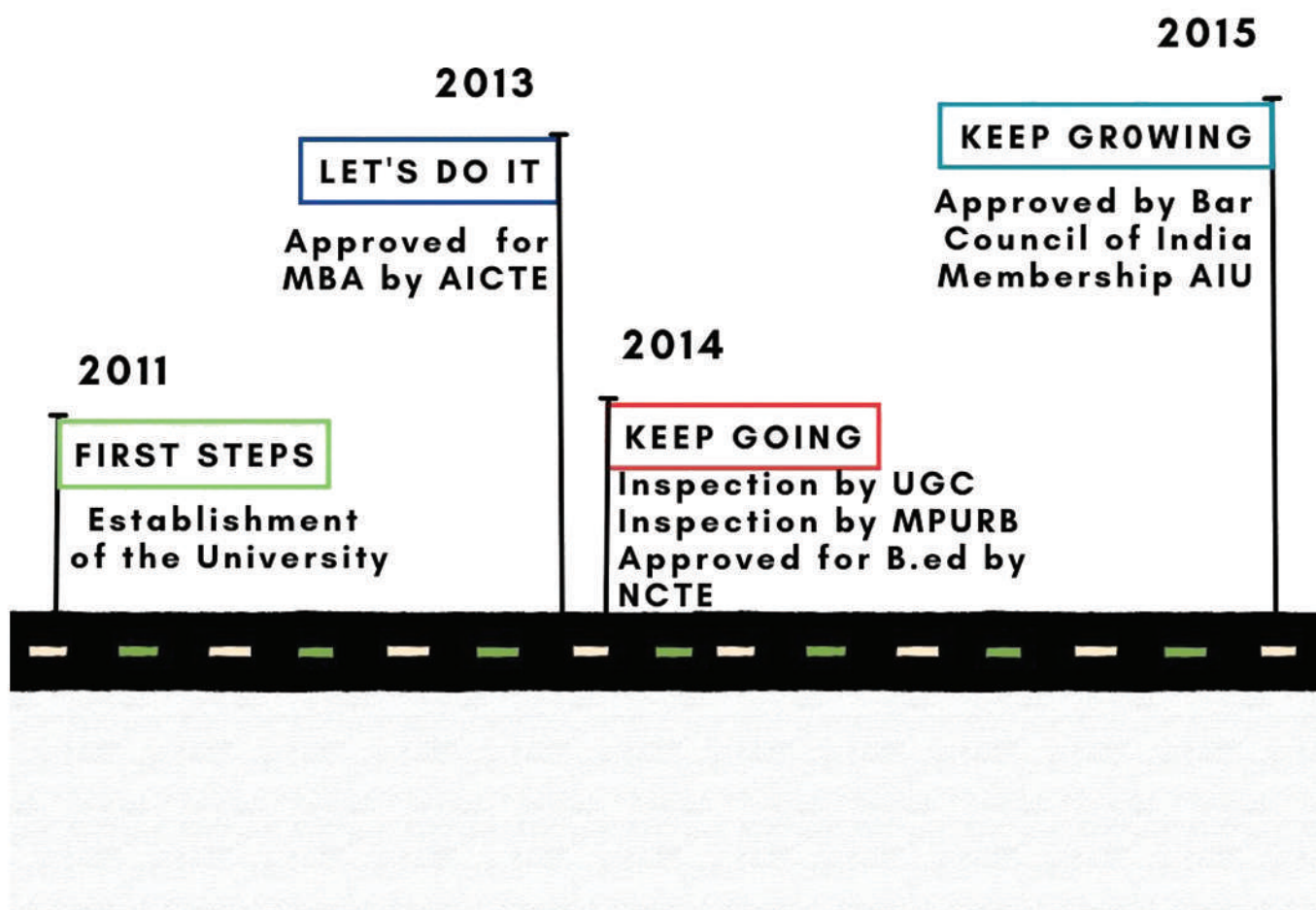
The University has been established under the provisions of the University of Science and Technology, Meghalaya Act (No.6 of 2008) enacted by the Legislative Assembly of Meghalaya and notified vide Gazette Notification No LL(B)87/2008/21, dated 02.12.2008 of Government of Meghalaya. USTM is empowered by the University Grants Commission, to award degrees as specified by the UGC under section 22 of the UGC Act, 1956. It has also received the necessary approval from AICTE, New Delhi; NCTE, ERC, Bhubaneswar, Pharmacy Council of India, BCI, New Delhi to run MBA, B.Ed., D. Pharm & B. Pharm, LLB (H) and BALLB (H) programmed respectively.

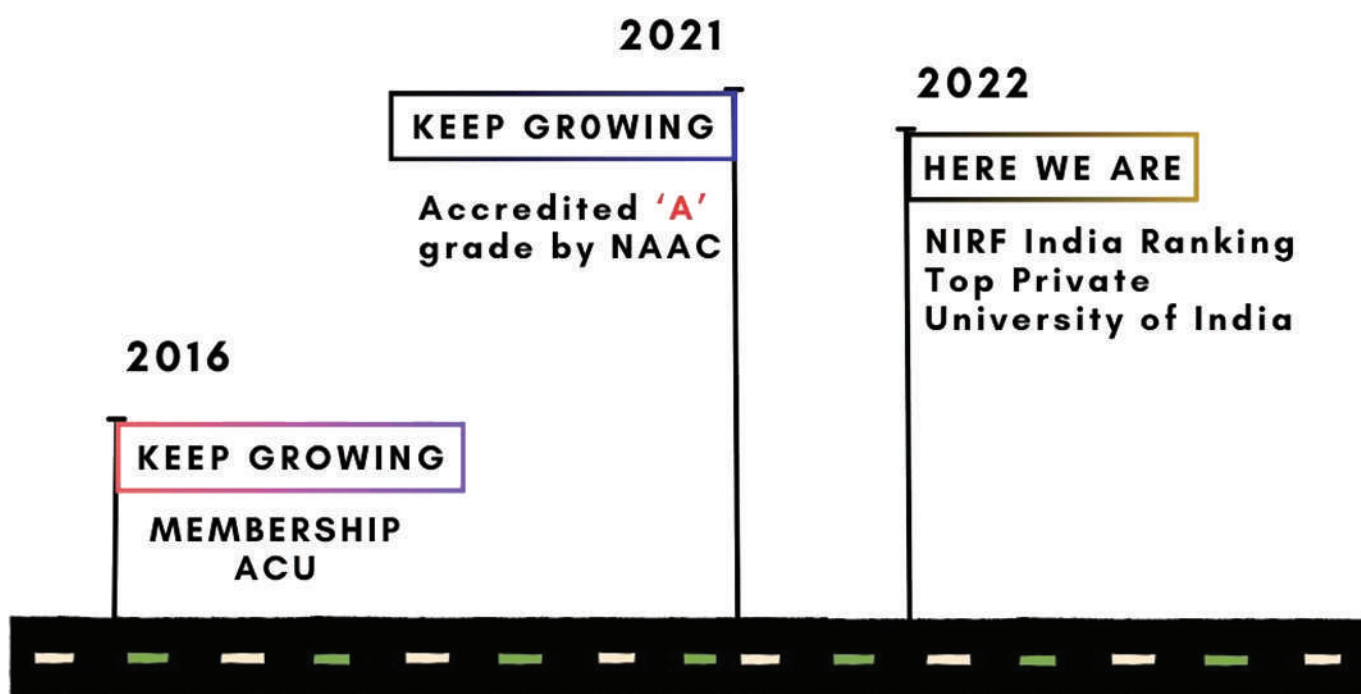
The University has been involved in fulfilling the aspirations of young minds by imparting quality education. Further, the University is involved in high-value research emphasizing required needs as well as in pursuing frontier areas of research innovation. Invention and entrepreneurship have remained the primary focus. The University is directing all its efforts to create the much-needed S & T manpower to foster relentlessly the economic and social development of the region in an inclusive manner.

USTM offers UG, PG courses & Ph.D. under its different schools

1. School of Applied Sciences
2. School of Biological Sciences
3. School of Social Sciences & Humanities
4. School of Technology & Management
5. Prof Quamrul Hoque School of Education
6. School of Pharmaceutical Sciences
7. School of Allied Medical Sciences
8. University School of Law & Research
9. School of Language & Culture







Towards world class University Status



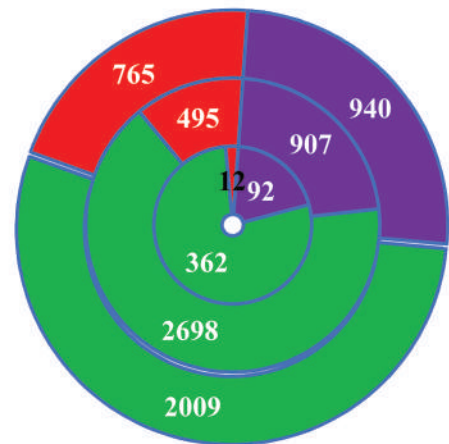


USTM AT A GLANCE

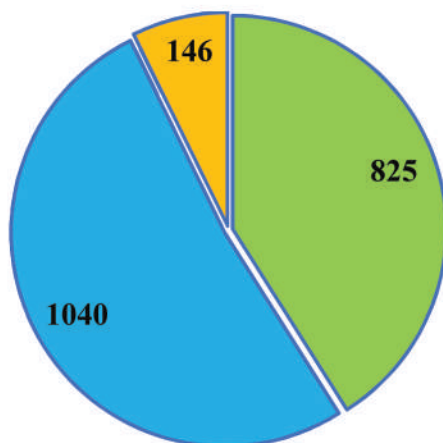


STUDENTS INDEX

	Admission	On roll	Degree Awarded
PhD	92	362	12
UG	907	2698	495
PG	940	2009	765



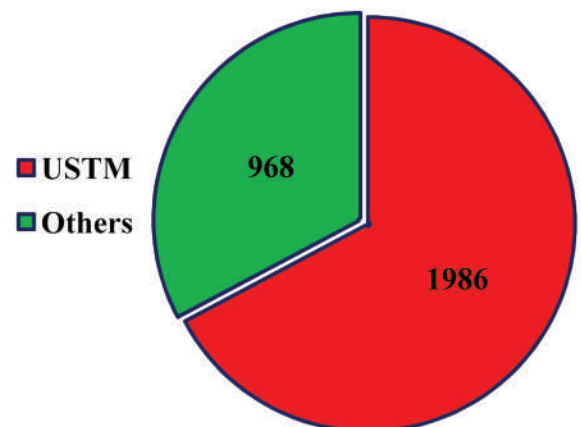
■ Admission ■ On roll ■ Degree Awarded



■ Girls Hostel ■ Boys Hostel ■ Guest House

Hostels	(2011)
Girls Hostel	825
Boys Hostel	1040
Guest House	146

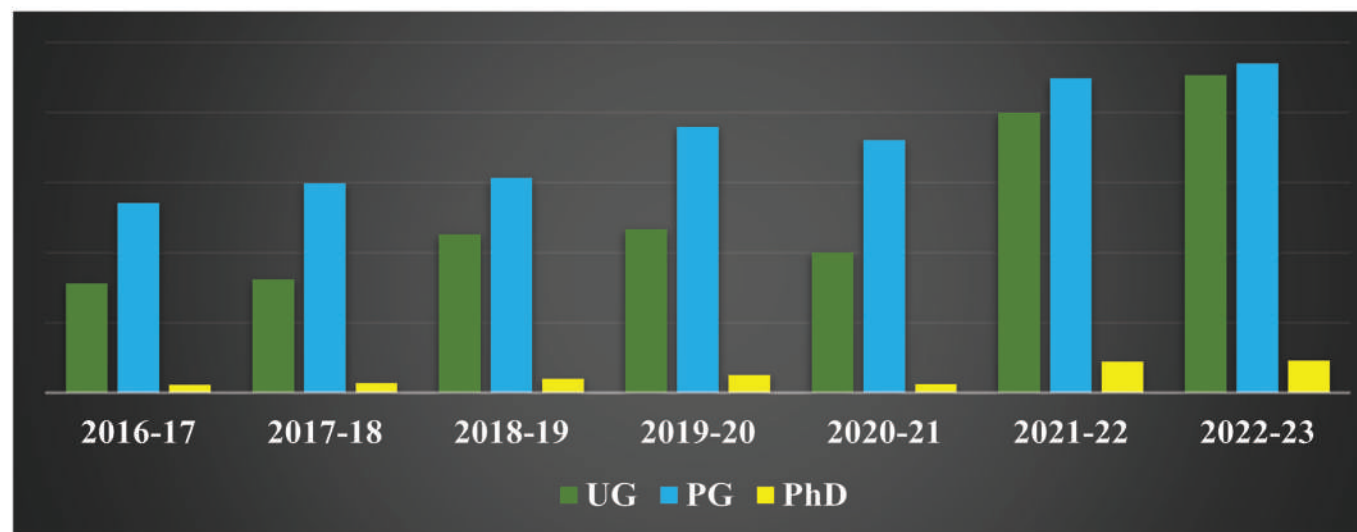
Scholarship/ Fellowship	
USTM	1986
Others	968



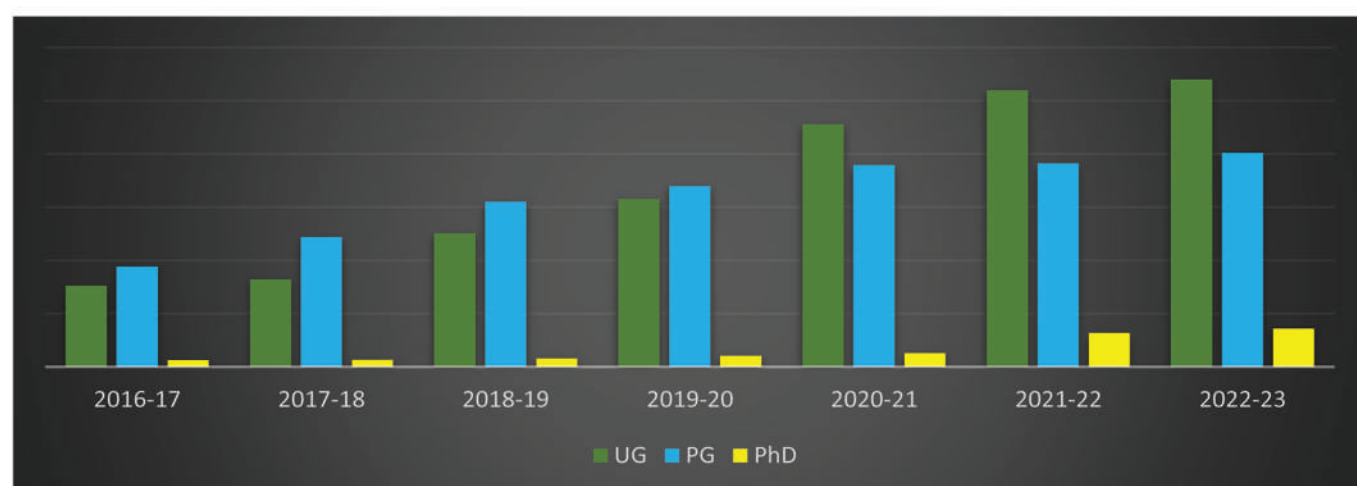
■ USTM
■ Others

STUDENTS INDEX ADMISSIONS, CONFERMENTS, ON ROLL

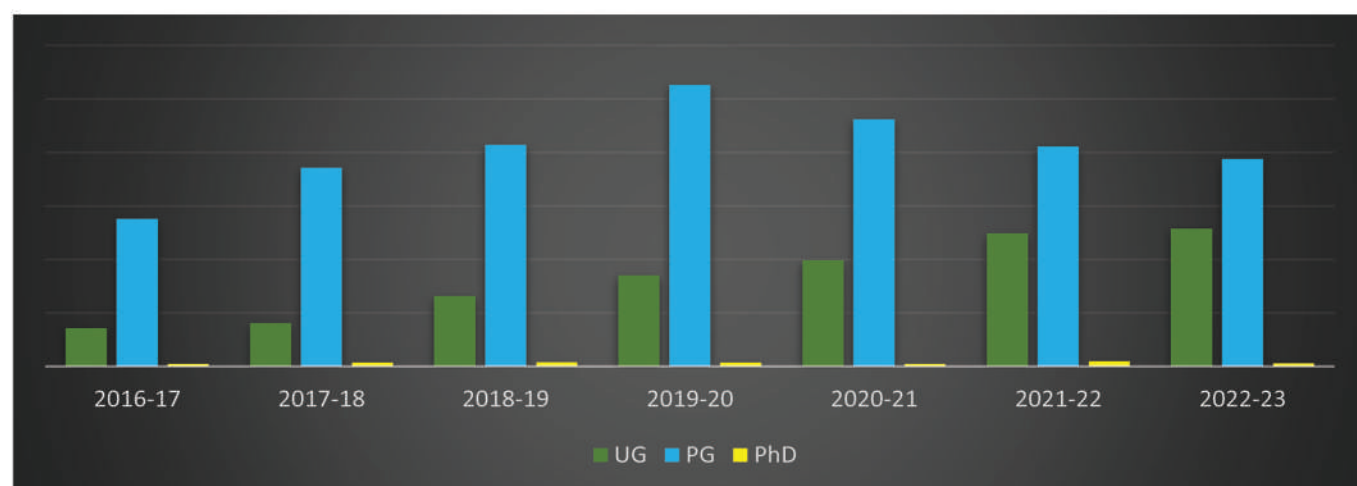
Students Admission from 2016 to 2022



On Roll Students from 2016 to 2022



Students Conferment from 2016 to 2022

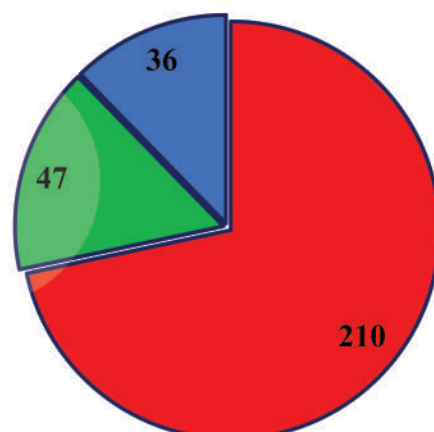


FACULTY

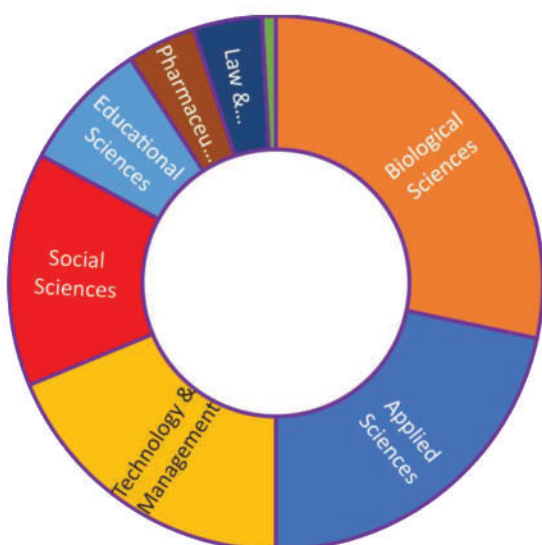
Teaching Staff	293
Asst. Professor	210
Associate Professor	47
Professor	36

Male Faculty	176 (40%)
Female Faculty	117 (60%)

Non-Teaching Staff	299
Group A	25
Group B	89
Group C	97
Group D	88

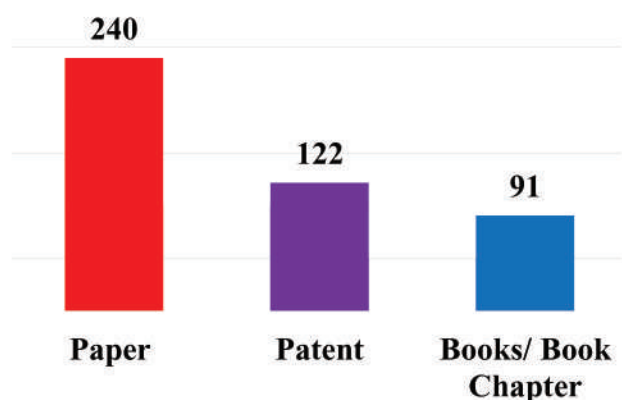


■ Asst. Professor ■ Associate Professor ■ Professor



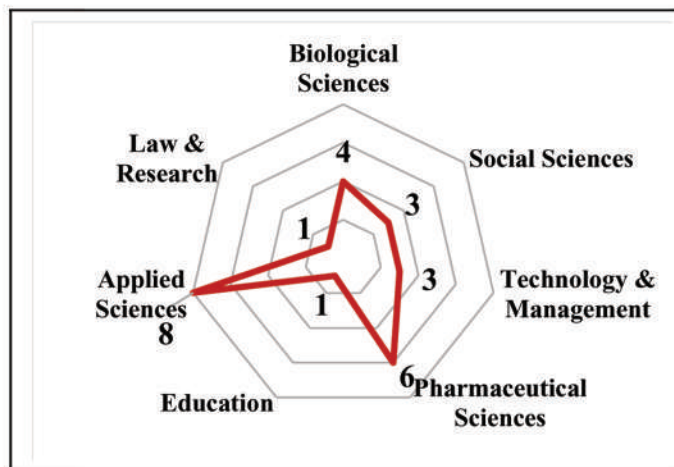
Publications	Papers	240
	Books/	91
	Books chapters	
Applied Sciences		52
Biological Sciences		68
Social Sciences		34
Technology & Management		45
Educational Sciences		19
Allied Medical Sciences		2
Law & Research		10
Pharmaceutical Sciences		10

Patent	122
Biological Sciences	8
Social Sciences	3
Technology & Management	53
Pharmaceutical Sciences	42
Allied Medical Sciences	16



FACULTY

Awards & Achievements	26
Biological Sciences	4
Social Sciences	3
Technology & Management	3
Pharmaceutical Sciences	6
Education	1
Applied Sciences	8
Law & Research	1



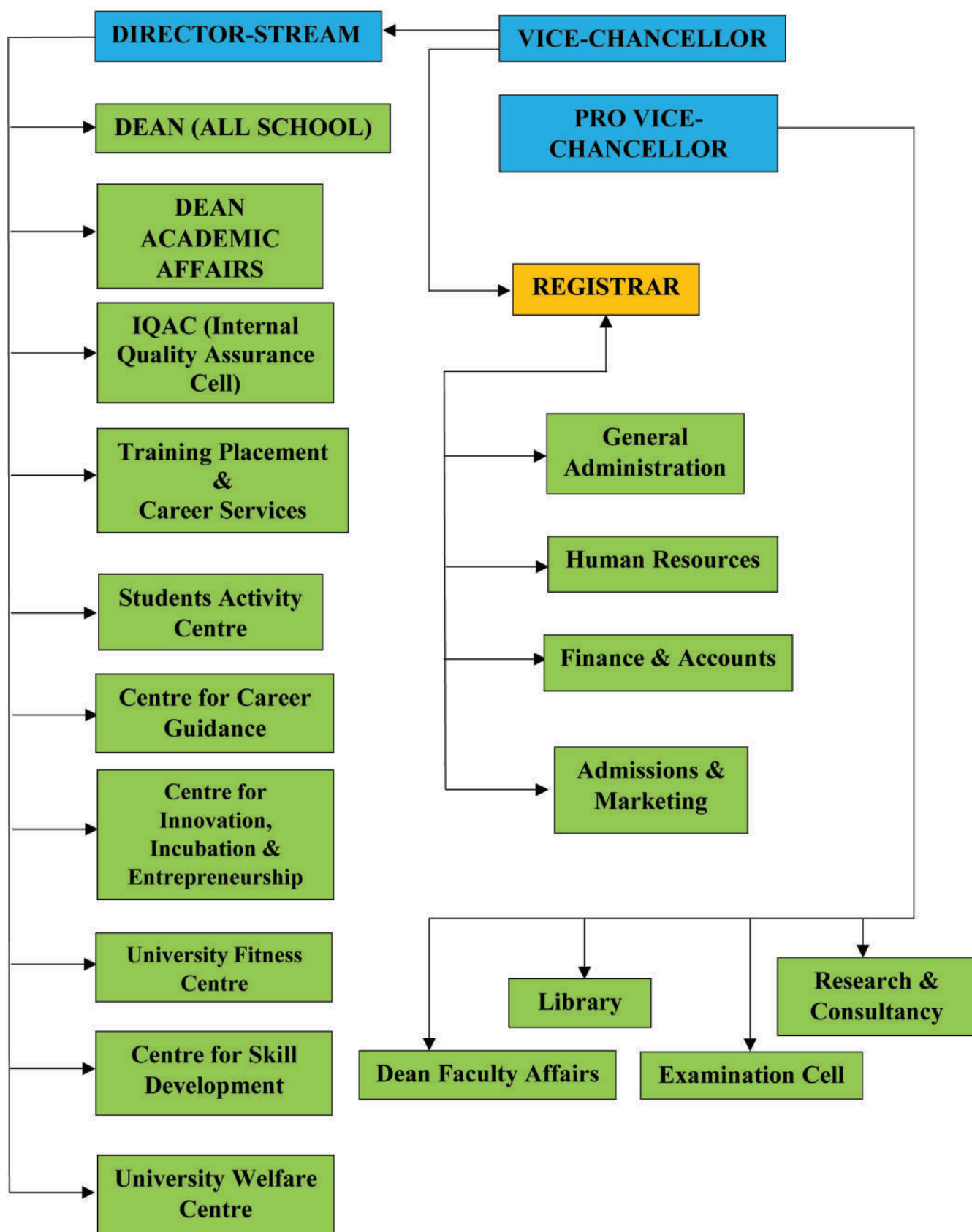
USTM at a glance 2022-23

Seminar/Conference	18
Workshop	107
Visiting Faculty	220
Faculty visited to other university	64
Projects	25 (115.3 Lakhs)
Outreach Program	178
MoU signed/Implementation	265/76

Academic Schools: 8	Departments: 30	Programs			
		UG:30	PG:27	PhD:20	Total:77
School of Applied Sciences	4	3	5	4	12
School of Biological Science	5	10	4	3	17
School of Social Science & humanities	6	5	6	6	17
School of Technology & Management	7	4	5	4	13
Prof Qoumrul Hoque School of Education	1	2	1	1	4
School of Allied Medical Science	2	3	1	1	5
University School of Law & Research	1	3	1	1	5
School of Language & Culture	4	0	4	0	4

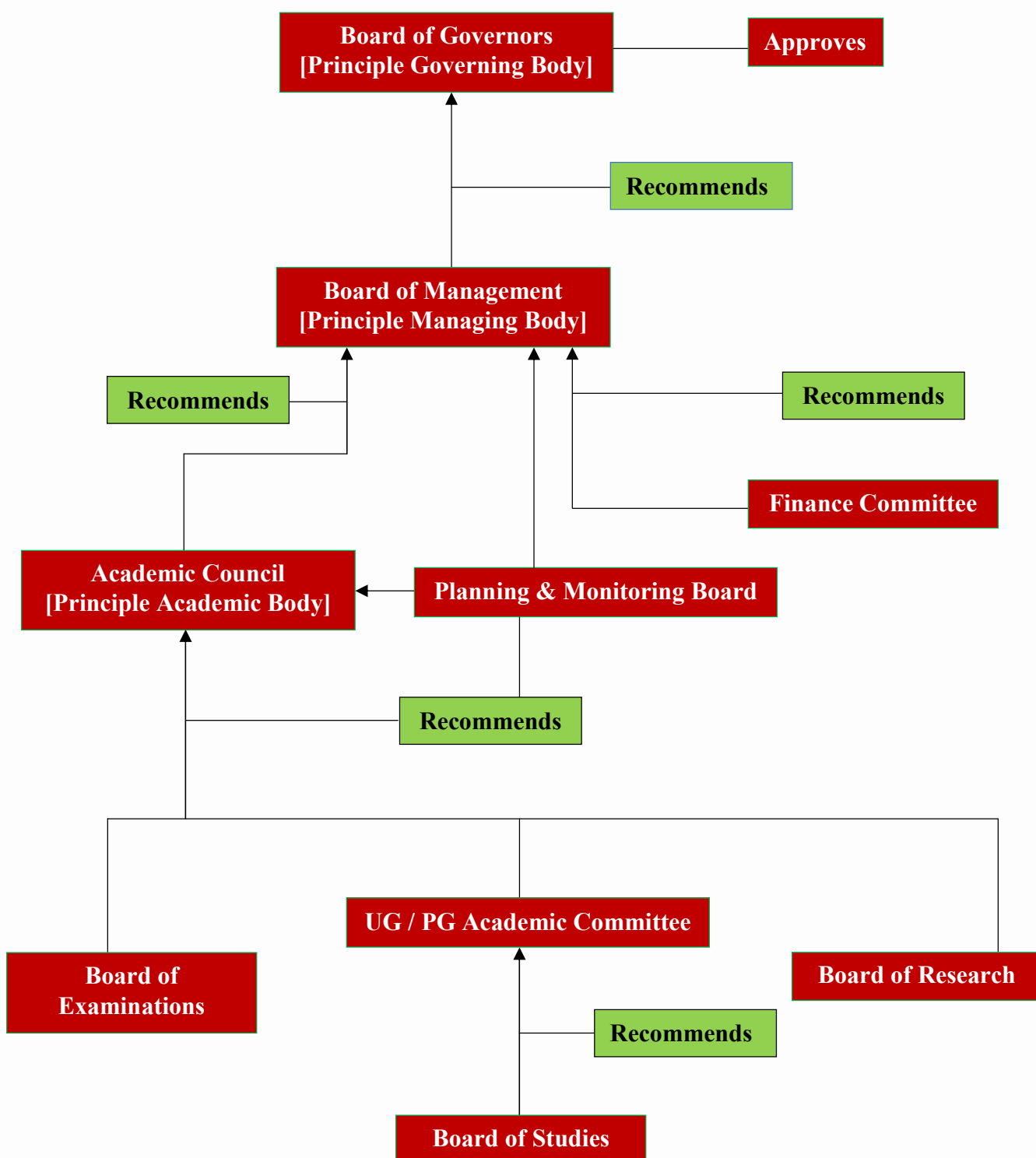
ORGANIZATION STRUCTURE

CHAIRMAN/CHAIRPERSON



STATUTORY BODIES

RECOMMENDING & APPROVING AUTHORITIES



STATUTORY OFFICIALS

THE VISITOR
Shri Phagu Chauhan
Hon. Governor of Meghalaya

BOARD OF GOVERNORS

Shri Mahbubul Hoque
(Chairman)
Chancellor, USTM

Prof. G. D. Sharma
(Member)
Vice- Chancellor, USTM

Dr Balendra Kumar Das
(Member)
Pro-VC, USTM

Shri Fidel War
(Member)
Ex-Chairman, MPSC, Meghalaya

Prof. Lingaraj Sahoo
(Member)
Professor, IIT-Gauhati

Dr. F. A. Barbhuiyaa
(Member)
Assistant Prof, IIT-Gauhati

Mrs Shahida Rahman
(Member)
Trustee, ERDF

Dr R K Sharman
(Member)
Advisor, USTM

Dr A H Barbhuiya
(Member)
Trustee, ERDF

Dr Amit Choudhury
(Member)
Trustee, ERDF

Mrs Anju Hazarika
(Secretary)
Registrar, USTM

Dr N. Laskar
(Member)
COE, USTM

BOARD OF MANAGEMENT

Prof. G. D. Sharma
(Chairperson)
Vice-Chancellor, USTM

Mrs Anju Hazarika
(Secretary)
Registrar, USTM

Shri N I Laskar
(Member)
Ex Chief Manager, USTM

Mrs Shahida Rahman
(Member)
Trustee, ERDF

Mr. A N N I Laskar
(Member)
Senior Engineer, Goa

Dr. A C Talukdar
(Member)
Dean, SSSH

Dr Amit Choudhury
(Member)
Dean, SBA

Shri Fidel War
(Member)
Ex-Chairman, MPSC, Meghalaya

Dr Amit Choudhury
Spl. Invitee
Advisor, USTM

ACADEMIC COUNCIL

Prof. G. D. Sharma
(Chairperson)
Vice-Chancellor, USTM

Mrs Anju Hazarika
(Secretary)
Registrar, USTM

Mr N Laskar
(Member)
Finance Officer, USTM

Prof. Manabendra Dutta Ch
(Member)
Professor, Assam University

Dr. K Ismail
(Member)
Professor, NEHU

Dr. S A M Pasha
(Member)
Professor, Jamia Millia Islamia

Dr Enamul Karim
(Member)
Dean, School of Applied Sciences

Dr Kamal Choudhury
(Member)
Dean, School of Biological Sc.

Dr. Gayatree Goswami
(Member)
Dean, PQH School of Education

Dr Amit Choudhury
(Member)
Dean, School of Business Sc.

Dr Bhairab Sarma
(Member)
Dean, School of Engi. & Tech

Dr A C Talukdar
(Member)
Dean, Social Sc.& Humanities

Dr Baharul Islam
(Member)
Dean, University School of Law & Research

Prof Suhail Sabir
(Member)
Prof., Aligarh Muslim University

Prof Saurav Basu
(Member)
Associate Prof, IIT-Gauhati

Prof Suvendra Kr. Ray
(Member)
Prof, Tezpur University

Dr S K Barthakur
(Member)
Prof, Gauhati University

Dr D K Sharma
(Member)
Prof, UST

Dr P K Baruah
(Member)
Prof, USTM

Dr T R Gogoi
(Member)
Prof., USTM

Dr Rezina Ahmed
(Spl Invitee)
Associate Prof., Cotton University

Dr R K Sharma
(Spl Invitee)
Advisor, USTM

Dr B K Das
(Spl Invitee)
Director, Administration

Dr Sanchita Roy
(Spl Invitee)
Prof., Aligarh Muslim University

Dr Abdul Rashid
(Spl Invitee)
Associate Prof, IIT-Gauhati

Dr Pooja Chaudhury
(Spl Invitee)
Asst. Prof, USTM

Dr A H Barbhuiya
(Spl Invitee)
Academic Registrar, USTM

FINANCE COMMITTEE

Prof. G. D. Sharma
(Chairperson)
Vice-Chancellor, USTM

Mrs Anju Hazarika
(Secretary)
Registrar, USTM

Dr N Laskar
(Member)
Finance Officer, USTM

Dr N T Laskar
(Member)
Former Chief Manager, SBI

Shri Samikhya Das
(Member)
Chartered Accountant

Smti. Shahida Rahman
(Member)
Trustee, ERDF

Dr A H Barbhuiya
(Member)
Trustee, ERDF

DEANS OF SCHOOLS

Dr Enamul Karim
Dean, School of Applied Sciences

Dr Kamal Choudhury
Dean, School of Biological Sc.

Dr. Gayatree Goswami
Dean, PQH School of Education

Dr Amit Choudhury
Dean, School of Business Sc.

Dr Bhairab Sarma
Dean, School of Engi. & Tech

Dr A C Talukdar
Dean, Social Sc.& Humanities

Dr Baharul Islam
Dean, University School of Law & Research

Dr Habibul Islam
Dean, School of Allied Medical Sc.

RESEARCH COUNCIL

Prof. G. D. Sharma
(Chairman)
Vice-Chancellor, USTM

Dr N Laskar
(Member & Convener)
COE, USTM

Dr R K Sharma
(Member)
Advisor, USTM

Dr S P Saikia
(Member)
Scientist, CSIR-NEIST

Dr Enamul Karim
(Member)
Dean, School of Applied Sciences

Dr R R Hoque
(Member)
Associate Prof, Tezpur University

Dr. Gayatree Goswami
(Member)
Dean, PQH School of Education

Dr Amit Choudhury
(Member)
Dean, School of Business Sc.

Dr Ferdous A Barbhuiya
(Member)
Associate Prof, IIT-G

Ms Anju Hazarika
(Member)
Registrar, USTM

ACADEMIC CALENDAR

ACADEMIC SESSION 2022-23

UG Fresh and Senior Batches & PG Senior Batches

SI No	Schedule	Odd Semester	Even Semester
1	Commencement of new batch of UG	2 nd August, 2022 onwards (Phase wise)	5 th January, 2023
2	Commencement of new batch of UG & PG Senior Batches	3 rd August, 2022	
3	1 st Sessional Examination	29 th Sept-1 st October, 2022 & 12 th – 14 th October, 2022	13 th -18 th March, 2023
4	2 nd Sessional Examination	5 th -9 th November, 2022	17 th -22 nd April, 2023
5	3 rd Sessional Examination	26 th -30 th November, 2022	25 th -30 th May, 2023
6	End of Classes	30 th November, 2022	31 st May, 2023
7	Commencement of end semester examination	5 th December, 2022	5 th June, 2023
8	Submission of marks of internal examination	10 th December, 2022	10 th June, 2023
9	Declaration of semester results	Within 1 st week of January, 2023	Within 1 st week of July, 2023

PG Fresh Semester Batch

SI No	Schedule	Odd Semester	Even Semester
1	Commencement of classes	2 nd September, 2022 onwards (Phase wise)	10 th February, 2023
2	1 st Sessional Examination	29 th Sept-1 st October, 2022 & 12 th – 14 th October, 2022	17 th -22 nd April, 2023
3	2 nd Sessional Examination	26 th -30 th November, 2022	25 th -30 th May, 2023
4	3 rd Sessional Examination	6 th -11 th January, 2023	25 th -30 th May, 2023
5	End of Classes	11 th January, 2023	30 th June, 2023
6	Commencement of end semester examination	18 th January, 2023	5 th July, 2023
7	Submission of marks of internal examination	20 th January, 2023	10 th July, 2023
8	Declaration of semester results	Within last week of February, 2023	Within 1 st week of August, 2023

LIST OF PROGRAMMES

Name Of The Department	Name Of The Programme
Department of Applied Biology	BSc Biotechnology
	BSc Microbiology
	BSc Food Science & Technology
	BSc Immunology & Serology
	BSc Haematology & Biochemistry
	MSc Biotechnology
	MSc Microbiology
	Ph.D.
Department of Botany	BSc Botany
	BSc Organic Farming & Management
	BSc Green Technology & Management
	BSc Herbal Science
	MSc Botany
	Ph.D.
Department of Zoology	BSc Zoology
	MSc Zoology
	Ph.D.
Department of Physics	BSc Physics
	MSc Physics
	Ph.D.
Department of Chemistry	BSc Chemistry
	MSc Chemistry
	Ph.D.
Department of Earth Science	BA/BSc Geography
	MA Geography
	MSc Environmental Sciences
	Ph.D.
Department of Mathematics	MSc Mathematics
	Ph.D.
Department of Computer Science & Electronics	Bachelor in Computer Application
	Master in Computer Application
	Ph.D.
Department of Pharmaceutical Sciences	D. Pharm
	B. Pharm
	Ph.D.
Department of Physiotherapy	Bachelor of Physiotherapy [BPT]
	PG Diploma in Yoga
	B.Sc. Yoga
Department of Medical Laboratory Technology	Diploma in Medical Laboratory Techniques [DMLT]
	Bachelor of Medical Laboratory Technology [BMLT]
Department of Business Administration	Bachelor in Business Administration
	Master in Business Administration
	Master of Hospital Administration
	Ph.D.

Department of Commerce	B. Com (Hons)
	M.Com
	Ph.D.
Department of Economics	BA Economics*
	MA Economics
	Ph.D.
Department of Education (PQSE)	Bachelor in Education (B. Ed)
	BA Psychology
	MA Education
	Ph.D.
Department of English	BA English
	MA English
	Ph.D.
Department of Library & Information Science	Master in Library & Information Science
	Ph.D.
Department of Political Science	BA Political Science
	BA Administration & Governance
	MA Political Science
	Ph.D.
Department of Rural Development	Master in Rural Development
	Ph.D.
Department of Social Work	Bachelor in Social Work
	Master in Social Work
	Ph.D.
Department of Sociology	BA Sociology
	MA Sociology
	Ph.D.
Department of Law	LLB (H)
	BA LLB (H)
	BBA LLB
	LLM
	Ph.D.
Department of Khasi	MA Khasi
Department of Garo	MA Garo



SCHOOL OF APPLIED SCIENCES

The School of Applied Sciences endeavours to impart education on the fundamentals of science so that students can well appreciate the intricacies of day-to-day problems. All academic programmes emphasize the integration of the basic sciences within an interdisciplinary approach, and the expressed intention is to encourage research & innovation and motivate the students to work in a diverse range of professional situations.

The academic curriculum of the departments has been framed to enable the students to achieve a good understanding of the subject and follows the Choice Based Credit System (CBCS). Excellence in research, teaching and Skill development has been the focus of this departments ever since its inception. The aim of the departments is to serve for the development of the nation, particularly for North-East region through the research activities. The research team and the faculty members of this school work on all the contemporary topics in Chemistry, Physics, Mathematics and Earth science, including nanocomposites & application, Synthetic Organic Chemistry, mesoporous materials & applications, Catalysis, Photochemical transformations, Kinetics & Reaction mechanism, Natural fiber & polymer-based composites, polymeric hydrogel & applications, Energy Physics, Lasers and Non-linear optics, Condensed Matter and Nano sciences.

Departments

- Chemistry
- Earth Science
- Physics
- Mathematics

LIST OF FACULTY MEMBER

SL NO	NAME	DESIGNATION
1	Dr. Enamul Karim	Professor
2	Dr Abani Kumar Mishra	Professor
3	Dr. Jatindra Nath Ganguli	Professor
4	Dr. Manash Das Gupta	Professor
5	Dr. Pranayee Datta	Professor
6	Dr. Prabin Das	Professor
7	Dr. Arabinda Chandranath	Associate Professor
8	Dr. Gitumani Sarma	Associate Professor
9	Dr. Anupam Dutta	Associate Professor
10	Dr. Durlov Saikia	Assistant Professor
11	Dr. Sarifuddin Gazi	Assistant Professor
12	Dr. Prasanta Baishya	Assistant Professor
13	Dr. Mitali Paul	Assistant Professor
14	Dr. Golam Mohiuddin	Assistant Professor
15	Dr. Samiyara Begum	Assistant Professor
16	Dr. Bidisha Baidya	Assistant Professor
17	Dr. Nazima Sultana	Assistant Professor
18	Dr. Kumar Kashyap Hazarika	Assistant Professor

19	Dr. Eahya Al Huda	Assistant Professor
20	Dr. Kankana Borah	Assistant Professor
21	Dr. Palme Borthakur	Assistant Professor
22	Dr. Lalit Saikia	Assistant Professor
23	Dr. Swarup Jyoti Baishya	Assistant Professor
24	Dr. Semim Wara Begum	Assistant Professor
25	Dr. Rekha Bora	Assistant Professor
26	Mr Shamikhu Changmai	Assistant Professor
27	Dr. Trishna Changkakati	Assistant Professor
28	Dipasha Patiri	Assistant Professor
29	Dr. Sanchita Roy	Assistant Professor
30	Dr. Mayuri Deveen	Assistant Professor
31	Dr. Nitu Borgohain	Assistant Professor
32	Dr. Ritun Chakraborty	Assistant Professor
33	Dr. Hari Prasad Jaishi	Assistant Professor
34	Dr. Faizuddin Ahmed	Assistant Professor
35	Dr. Sudin Ganguly	Assistant Professor
36	Ms. Devashree Borgohain	Assistant Professor
37	Dr. Murchana Khusroo	Assistant Professor
38	Dr. Pinkimani Goswami	Assistant Professor
39	Dr. Kangkan Choudhury	Assistant Professor

LIST OF PAPER PUBLICATION

Sl No	Title of Paper	Name of the Author/S	Name of Journal	ISSN
1	Saptio-Tempoal Assessment of Bank Line Shifting of Lower Dikrong River Catchment, Assam	Dr Eahya Al Huda	Juni Khyat	2278-4632
2	Socio-Cultural Status of Diary Farmers Of Nepalese Community Of Guwahati Metropolitan Area Of Assam, India	Dr Jnanashree Borah	Juni Khyat	2278-4632
3	Socio-Economic Characteristics Of Diary 5farmers In Greater Guwahati Region Of Assam, India	Dr Jnanashree Borah	Dogo Rangsang Research Journal	2347-7180
4	Nor- Relativistic Particle Under The Influence Of Aharonov- Bohm Flux Field Subject To Physical Potentials And The Nikiforov- Uvarov Method	Dr. Faizuddin Ahmed	Journal Of Theoretical And Applied Physics (Jtap)	2251-7227
5	Generalized Quantum Oscillator Under Harmonic-Type Central Potential Effects Induced By Lorentz Symmetry Violation Environment	Dr. Faizuddin Ahmed	Europhysics Letters	0295-5075

6	Harmonic-Type Central Potential Effects Induced By Lorentz Symmetry Violation On Relativistic Quantum Oscillator Field	Dr. Faizuddin Ahmed	Indian Journal Of Physics	0973-1458
7	Giant Kerr-Quintic-Septic Nonlinearities In Semiconductor Quantum Wells	Dr. Nitu Borgohain	European Physical Journal Plus	2190-5444
8	Extremely High Kerr Constant And Low Operating Voltage In A Stable Room -Temperature Blue Phase Iii Derived From Three Ring Based Bent Core Molecules	Dr Golam Mohiuddin	Acs Applied Materials And Interfaces (American Chemical Society)	1944-8252
9	Electric-Field-Induced Patterns In A Hockey-Stick Nematic	Dr Golam Mohiuddin	Journal Of Molecular Liquids	0167-7322
10	Gravitational Filed Effects Produced By Topologically Non- Trivial Geometry And Rotating Frames Subject To A Coulomb- Type Scalar Potential"	Dr. Faizuddin Ahmed	Journal Of Experimental And Theoretical Physics	1063-7761
11	Non- Inertial Effects On Relativistic Scalar Massive Charged Bosons In A Topologically Non- Trivial Space-Time And Aharonov- Bohm Effects"	Dr. Faizuddin Ahmed	International Journal Of Geometric Methods In Modern Physics	1793-6977
12	Optical Bistability And Absorption Characteristic Of An Optomechanical System Embedded With Double Quantum Dot And Nonlinear Medium	Dr. Sanchita Roy	Optical And Quantum Electronics	0306-8919
13	Strain Induced Thermo Electricity In Pentacene	Dr Sudin Ganguly	Physical Chemistry Chemical Physics	1463-9076
14	Topology And Application Of 2d Dirac Semi Dirac Materials	Dr Sudin Ganguly	Physical Sciences Review	2365-6581
15	Analysis Of Sub Surface Soil Radon With The Environmental Parameters And Its Relation With Seismic Events.	Dr Hariprasad Jaisi	Journal Of The Geological Society Of India	0016-7622
16	The Nnlo Qcd Analysis Of Gluon Density At Small X	Dr Mayuree Devi	International Journal Of Modern Physics A	0217-751x
17	Properties Of The Non-Hermitian Ssh 7model: Role Pt Symmetry	Dr Sudin Ganguly	Journal Of Physics: Condensed Matter	0953-8984
18	Efficient Current Rectification In Driven Acenes	Dr Sudin Ganguly	Physical Chemistry Chemical Physics	1463-9076

19	Relativistic Quantum Dynamics Of Scalar Massive Charged Bosons In Topologically Nontrivial Space-Time And Ab-Effect	Dr. Faizuddin Ahmed	Few-Body Systems	0177-7963
20	Effects Of Lorentz Symmetry Breaking Environment On Generalized Relativistic Quantum Oscillator Field	Dr. Faizuddin Ahmed	Canadian Journal Of Physics	0008-4204
21	Klein–Gordon Oscillator With Scalar And Vector Potentials In Topologically Charged Ellis–Bronnikov-Type Wormhole	Dr. Faizuddin Ahmed	International Journal Of Geometric Methods In Modern Physics Ijgmmp	0219-8878
22	Algebraic Braid Group Public Key Cryptography	Dr Pinkimani Goswami	Jnanabha	0304-9892
23	Recent Progress In Homogeneous Molecular Photoredox Catalysis Towards Hydrogen Evolution Reaction And Future Perspective	Dr Sarifuddin Gazi	Applied Catalysis A: General	0926-860x
24	Facile Synthesis Of Organic Compounds In Peg, Scco ₂ And H ₂ O: A Review	Dr Arabinda Chandra Nath	Current Organic Chemistry	1385-2728
25	Unveiling The Conformational Landscape Of Achiral All-Cis Tert-Butyl B-Peptoids	Dr Nicholas Bhattacharjee	Organic And Biomolecular Chemistry	1477-0520
26	Approximate Eigenvalue Solutions With Diatomic Molecular Potential Under Topological Defects And Aharonov-Bohm Flux Field: Application For Some Known Potentials,	Dr. Faizuddin Ahmed	Molecular Physics 120 (21), Article: E2124935	0026-8976
27	Transport Characteristics Of A Pt - Symmetric Non-Hermitian System: Effect Of Environmental Interaction	Dr Sudin Ganguly	The European Physical Journal Plus	2190-5444
28	Giant Kerr–Quintic–Septic Nonlinearities In Semiconductor Quantum Wells,	Dr Nitu Borgohain	The European Physical Journal Plus 137 (8), 903 (2022).	2190-5444
29	Hellmann Potential And Topological Effects On Non-Relativistic Particles Confined By Aharonov-Bohm Flux Field	Dr. Faizuddin Ahmed	Molecular Physics	0026-8976
30	Klein-Gordon Oscillator With Magnetic And Quantum Flux Fields In Non-Trivial Topological Space-Time	Dr. Faizuddin Ahmed	Communications In Theoretical Physics	0253-6102
31	Topological Effects Produced By Point-Like Global Monopole With Hulthen Plus Screened Kratzer Potential On Eigenvalue Solutions And Nu-Method,	Dr. Faizuddin Ahmed	Physica Scripta	0031-8949

32	Topological Defects With Generalized Hulthen-Coulomb-Inverse	Dr. Faizuddin Ahmed	International Journal Of Geometric Methods In Modern Physics	0219-8878
33	Eigenvalue Spectra Of Non-Relativistic Particles Confined By Ab-Flux Field With Eckart Plus Class Of Yukawa Potential In Point-Like Global Monopole	Dr. Faizuddin Ahmed	Indian Journal Of Physics	0973-1458
34	Radial Solution Of Schrödinger Equation With Generalized Inverse Hulthen And Yukawa Potentials In Topological Defect	Dr. Faizuddin Ahmed	Europhysics Letters,	0295-5075
35	Anticodon Table Of The Chloroplast Genome And Identification Of Putative Quadruplet Anticodons In Chloroplast Trnas	Dr. Faizuddin Ahmed	Scientific Reports	2045-2322
36	Nanobiotechnological Approaches In Anticoagulant Therapy: The Role Of Bioengineered Silver And Gold Nanomaterials	Dr. Faizuddin Ahmed	Talanta	0039-9140
37	Generalized Vector Boson Oscillator In (1+2)-Dimensional Gürses Space-Time	Dr. Faizuddin Ahmed	Few-Body System 64, Article Number: 13 (2023)	0177-7963
38	Effects Of Non-Trivial Topology With Coulomb-Types Scalar And Vector Potential On Relativistic Quantum Motions Of Scalar Charged Bosons	Dr. Faizuddin Ahmed	International Journal Of Modern Physics A	1793-656x
39	Excellent Mechanical And Chemical Resistance Properties Exhibited By Bamboo Fiber Reinorced Poly(Lactic Acid)-Epoxy Composites	Dr Prasanta Baishya	Journal Of Polymer Research	1022-9760
40	Facile Multicomponent Mannich Reaction Towards Biologically Active Compounds	Dr Arabinda Chandra Nath	Chemistryselect	2365-6549
41	Man, Elephant Conflict In Sonitpur District	Dr. Kankana Borah,	Madhya Bharti - Humanities And Social Sciences	0974-0066
42	Solid Waste Management In Dhekiajuli Town Of Assam Using Remote Sensing And Gis Techniques	Dr. Swarup Jyoti Baishya,	Madhya Bharti - Humanities And Social Sciences	0974-0066
43	Thermodynamic Properties And Persistent Currents Of Harmonic Oscillator Under Ab-Flux Field In A Point-Like Defect With Inverse Square Potential	Dr. Faizuddin Ahmed	Journal Of Low Temperature Physics	0022-2291

44	Mithun (Bos Frontalis) In Traditional Practices Among Tage, Galo Nad Nyishi Tribes, Arunachal Pradesh-A Study On Significance And Conservation	Dr Palme Borthakur	Madhya Bharti - Humanities And Social Sciences	0974-0066
45	A Study Of Soil Radon And Seismicity Along Active Fault Region In Northeastern India	Dr. H.P. Jaishi	Arabian Journal Of Geosciences	1866-7511
46	Generalized Vector Boson Oscillator In (1+2)-Dimensional Gurses Space-Time	Dr. Faizuddin Ahmed	Few-Body Systems	0177-7963
47	The Structure Of Power Digraph Connected With The Congruence $A11 \equiv B(\text{Mod } N)$	Dr Pinkimani Goswami	Proyecciones	0716-0917
48	Radial Solution Of Schrödinger Equation With Hulthen-Yukawa-Inverse Quadraticv Potential In A Point -Like Defect Under Ab -Flux Field	Dr. Faizuddin Ahmed	Revista Mexicana De Física	0035-001x
49	Stabilization Of Modulation Instability By Control Feld In Semiconductor Quantum Wells	Dr Nitu Borgohain	Scientific Reports	2045-2322
50	Effect Of Doping Ferroelectric Batio3 Nanopartic Les On Dielectric, Electro-Optical, And Ionic Properties Of Antiferroelectric Bent-Core Liquid Crystal	Dr Golam Mohiuddin	Journal Of Molecular Liquids	0167-7322
51	Soret And Dufour Effects In A Three-Dimensional Mhd Flow Past A Semi-Infinite Uniformly Moving Vertical Plate With Constant Heat Flux	Dr Kankan. Choudhuri	Latin American Applied Research	0327-0793
52	Hydropower Development In Northeast India: Issues And Concerns	Dr Lalit Saikia	Ecology Environment & Conservation	0971-765x
53	Practices: A Survey On The Awareness And Utilization Frequency Of Indigenous	Kangkan Choudhury	Mathematics In Engineering, Science & Aerospace (Mesa)	2041-3165
54	Relativistic Quantum Dynamics Of Scalar Massive Charged Bosons In Topologically Nontrivial Space-Time And Ab-Effect, Few-Body System	Dr. Faizuddin Ahmed	Few-Body System	0177-7963
55	Reply To The Comment By Andrés G. Jirón Vicente Et Al	Dr. Faizuddin Ahmed	Epl	0295-5075

56	Quantum Effects With Kratzer Plus Generalized Yukawa Potential In A Point-Like Global Monopole Using Different Approximation Schemes,	Dr. Faizuddin Ahmed	Molecular Physics	0026-8976
57	Point-Like Defect On Schrödinger Particles Confined By Ab-Flux Field With Harmonic Oscillator Plus Mie-Type Potential: Application To Molecular Potentials	Dr. Faizuddin Ahmed	Proceedings Of Royal Society A	1364-5021
58	Topological Effects On Non-Relativistic Eigenvalue Solutions Under Ab-Flux Field With Pseudoharmonic-And Mie-Type Potential.	Dr. Faizuddin Ahmed	Communications In Theoretical Physics	0253-6102
59	Gravitational Lensing By Morris-Thorne-Type Wormhole Space-Time With Cosmic Strings	Dr. Faizuddin Ahmed	EPL	0295-5075
60	Gravitational Field Effects Produced By Topologically Non-Trivial Rotating Space-Time Under Magnetic And Quantum Flux Fields On Quantum Oscillator	Dr. Faizuddin Ahmed	International Journal Of Modern Physics A	0217-751x
61	Interplay Between Hopping Dimerization And Quasi-Periodicity On Flux-Driven Circular Current In An Incommensurate Su–Schrieffer–Heeger Ring,	Dr Sudin Ganguly	Scientific Reports	2045-2322

LIST OF PATENT GRANTED

SI No	Name Of The Patenter	Patent Number	Title Of The Patent
1	Dr Nitu Borgohain Borgohain Ritun Chakraborty Hari Prasadjaishi Gaurav Kumarr Bhargav	Devashree 202231061394.00	Supercontinuum Source by Living Biosilica Diatoms

LIST OF CONSULTANCY PROJECTS

SI No	Name Of The Scheme/Project/ Endowments/ Chairs	Name Of The Principal Investigator/ Co Investigator (If Applicable)	Name Of The Funding Agency	Type	Funds Provided (Inr In Lakhs)
1	Search For Nutraceutical Lead Molecules From Wild Edible Mushroom (Wems) Extracts And Utilization As Prebiotic	Dr. Mitali Paul	SERB-DST-TARE	GOVERNMENT	15

Sources To Develop Symbiotic Microcapsules

2	Mapping Of Bharalu-Bahini River Threshold Points In Guwahati City And Design Of A Prototype Of Solid Waste Management Mechanism In The City Drainage System	Dr. Palme Borthakur Dr. Swarup Jyoti Baishya	DST-NGIEDC	GOVERNMENT	2.5
---	---	---	------------	------------	-----

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Name Of Teacher Who Attended	Title Of The Program	Duration
Dr. Murchana Khusroo	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023.
Dr. Mayuri Deveci	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2023
Dr. Trishna Changkakakti	7 Days National level online Faculty Development Program on Outcome Based Education (OBE)	10-05-2023 to 17-05-2023
Dr. Kankana Borah	7 Days National level online Faculty Development Program on Outcome Based Education (OBE)	10-05-2023 to 17-05-2023

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher	Name Of Conference/ Workshop Attended For Which Financial Support Provided
1	Dr. Golam Mohiuddin	
2	Dr. Sarifuddin Gazi	
3	Dr. Nitu Borgohain	
4	Dr. Nitu Borgohain	SEM Imaging at Tezpur University
5	Dr. Hari Prasad Jaishi	
6	Dr. Hari Prasad Jaishi	Journal of the of the Geological Society of India
7	Dr. Murchana Khusroo	
8	Dr. Mayuri Deveci	
9	Dr. Pinkimoni Goswami	National International workshop on cryptology
10	Dr. Pinkimoni Goswami	Indian women and mathematics annual coference

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

Sl No	Name Of The Workshop/ Seminar	Date From – To
1	Intellectual Property Rights (IPR) Patents and Design filing.	09-09-2022 to 09-09-2022
2	One Day Workshop on Day Time Astronomy an out Reach	09-09-2022 to 09-09-2022
3	Advances in Indian space technology: An awareness raising workshop on trends in technology	15-10-2022 to 15-10-2022
4	Workshop on Entrepreneurship and startups in the north east India	22-10-2022 to 22-10-2022
5	International Earth Science Conference, 2022- Sustainable Development: Challenges and The Way Forward	18-11-2022 to 19-11-2022
6	Seminar on Opportunities in Space Research: An Initiative for Capacity Development and Skill Enhancement	05-01-2023 to 05-01-2023
7	Capacity Building Workshop on "Gender Mainstreaming in Science & Innovative Policymaking"	11-02-2023 to 11-02-2023
8	Workshop on “Essential skills for WIEN2k installation and Applications for Career Development”	30-03-2023 to 30-03-2023
9	Workshop on Entrepreneurship at department	26-04-2023 to 26-04-2023
10	Seminar on " Research Advances in plastic waste Management	28-04-2023 to 28-04-2023
11	Workshop on "Research Ethics and Scientific Technical Writing	05-05-2023 to 05-05-2023
12	Workshop on Balancing Environmental & Development Concerns for SDGs Focusing Skill Education	24-05-2023 to 24-5-2023
13	Workshop on Entrepreneurial Mindset	25-05-2023 to 25-05-2023
14	Workshop on Intellectual Property Right	29-05-2023 to 29-052023
15	Webiner on Research Methodology	30-05-2023 to 30-05-2023
16	Webinar on Real Analysis: Countable & Uncountable Sets	19-05-2023 to 19-05-2023
17	A Seminar on Graph Theory and its Application: A Quality	21-01-2023 to 21-01-2023
18	Role of Forensic Science in Criminal investigation and Quality Justice Delivery System	10-12-2022 to 10-12-2022
19	Workshop on Qualitative Approaches in social Science Research	12-11-2022 to 12-11-2022
20	Workshop on " Chromatology in Quality Research- Application & Skilled Operational Technique"	12-06-2023 to 12-06-2023
21	Work shop on Quality Developments in Geographical Thoughts.”	09-05-23 to 13-05-23
22	Seminar for Quality enhancement in linear Algebra Eigen values Eigen vectors and its application to differential Equation	12-04-2023 to 12-04-2023

23	International Seminar on Quality Assurance in Science & Technology for a Sustainable Future	10-05-2023 to 10-05-2023
24	Workshop on solar Astrophysics: A quality approach to solar Research	13-05-2023 to 13-05-2023

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

SI No	Faculty Name	Name Of The Award	Name Of The Awarding Agency
1	Dr Murchana Khusroo	INSC Young Researcher Award 2023	InSc Institute of Scholars
2		Cerificate of Recognition as Reviewer of InSc International Publishing Platforms and for Technical Events under the stream:Basic and Medical Sciences	InSc Intitute of Scholars
3	Dr Faizuddin Ahmed	Top 100 Physics Reports Papers Official Author	Scientific Reports
4	Dr Sarifuddin Gazi	Certificate of Recognition & Appreciation	ACS Publication
5		Reviewer Certificate for Chemistry Select	Wiley
6	Dr Mayuri Deveen	INSC Young Researcher Award 2023	InSc Institute of Scholars
7		Cerificate of Recognition as Reviewer of InSc International Publishing Platforms and for Technical Events under the stream:Basic and Medical Sciences	InSc Intitute of Scholars



SCHOOL OF BIOLOGICAL SCIENCES

The main objective of the school is to become the pioneer of modern interdisciplinary biological sciences by integrating emerging disciplines with biological sciences. The School of Biological Sciences aspires to excel 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 both the factual knowledge and the experience of discovery in biology.

Biotechnology programs focus on the utilization of biological systems to provide more benefits to mankind by improving their quality. Students are subjected to understand the basis of the living system and how a technical approach in this regard can help in modifying this biological system or its by-products, aiming at the betterment of human life and the biosphere. The main focus of the department is to equip the students with the skills and training required to work in industries, government research centres and medical departments. The Department takes pride in its state-of-the-art laboratories, museums and animal house facilities.

The research team and the faculty members of this school work on all the contemporary topics including Production of value added product, Microbial fuel cell, Optimization and Production of enzymes, antibiotics, fermented foods and beverages, Plant nanotechnology, nanodrop, Bioremediation, biosurfactant, bioplastic production, phytoremediation, utilization of waste for value added product, Women Health and dietetics, production of nutraceuticals, Plant tissue culture, micropropagation, extraction of essential oil, antioxidant and phytochemical analysis, mutagenic activity on plants, Study on preprobiotic microorganisms isolated from human faces, UTI and skin related diseases, Plant Ecology, Plant Physiology and biochemistry, Angiosperm taxonomy, Cytogenetics and plant breeding, Plant pathology, Wildlife conservation and management, Habitat assessment and eco restoration, Silkworm and Mulberry Entomology, Post-Harvest Cocoon and Reeling Technology and Ornamental fish culture and trade practice.

Departments

- **Biotechnology**
- **Microbiology**
- **Food Science And Technology**
- **Botany**
- **Zoology**

LIST OF FACULTY MEMBER

SI No	Name	Designation
1	Dr. D. K. Sharma	Professor
2	Dr. Pradip Kumar Baruah	Professor
3	Dr. Rashmimala Kakoti	Professor
4	Dr. Korabi Saikia	Professor
5	Dr. Kamal Choudhury	Professor
6	Dr. Sony Kumari	Associate Professor
7	Dr. Deboja Sharma	Associate Professor
8	Dr. Bedabati Choudhury	Associate Professor
9	Dr. Milu Rani Das	Associate Professor
10	Dr. Prabal Sarkar	Associate Professor

11	Dr. Bulbul Acharjee	Associate Professor
12	Dr. Saiyyad Alamdar Husain	Assistant Professor
13	Dr. Jayabrata Saha	Assistant Professor
14	Dr. Priyanka Shankarishan	Assistant Professor
15	Dr. Madhusmita Borthakur	Assistant Professor
16	Dr. Manjit Kumar Ray	Assistant Professor
17	Dr. Yugal Kishore Mohanta	Assistant Professor
18	Dr. Kaustuvmani Patowary	Assistant Professor
19	Dr. Tamanna Bhuyan	Assistant Professor
20	Mr. Satyakam Agarwala	Assistant Professor
21	Dr. Rashmi Rekha Baruah	Assistant Professor
22	Dr. Laikhuram Sarda Devi	Assistant Professor
23	Dr. Barasa Malakar	Assistant Professor
24	Dr. Mautushi Das	Assistant Professor
25	Dr. Nibedita Das	Assistant Professor
26	Dr. Dhritiman Chanda	Assistant Professor
27	Dr. Pranita Hajong	Assistant Professor
28	Dr. Amilia Nongbet	Assistant Professor
29	Dr. Mehzabin Rehman	Assistant Professor
30	Dr. Nazir Ahmed Bhat	Assistant Professor
31	Dr. Kuno Chuzho	Assistant Professor
32	Dr. Dipankar Dutta	Assistant Professor
33	Dr. Alike Borphukan Borah	Assistant Professor
34	Dr. Kangkan Jyoti Sarma	Assistant Professor
35	Dr. Tahsina Shireen	Assistant Professor
36	Mr. Syed Rizaul Karim Ahmed	Assistant Professor
37	Ms. Wanaz Nasreen Islam	Assistant Professor
38	Mr. Sudipta Nag	Assistant Professor
39	Dr. Bhagyashree Mahanta	Assistant Professor

LIST OF PAPER PUBLICATION

SI No	Title Of Paper	Name Of The Author/S	Name Of Journal	ISSN
1	Comparative Analysis Of Bloom Phytoplankton Community Composition And Enviromental Factors In Selected Lentic Ecosystem Of Assam India	Dr. Mautushi Das	International Journal Of Health Science	1791-4299
2	The Variability Of Algal Blooms And The Trophic S6tate Index For Dighalipukhuri In Guwahati, Assam.	Dr. Mautushi Das	International Journal Of Health Science	1791-4299
3	Greener Nanomaterials And Their Diverse Applications In The Energy Sector	Yugal Kishore Mohanta	Clean Technologies And Environmental Policy	1618-954X

4	Genotypes Of Japanese Encephalitis Virus (Jev) In Northeast India	Dr. Priyanka Kashyap	Neuroquantology	1303-5150
5	Macrophyte Diversity And Their Uses With Special Reference To Freshwater Wetland Ecosystem Barbilabeel Of Nalbari District, Assam, India	Dr Bulbul Acharjee	Bulletin Of Pure And Applied Sciences Section A Zoology (Animal Science)	:2320-3188
6	Amf And Psb Applications Modulated The Biochemical And Mineral Content Of The Eggplants	Dr. Yugal Kishore Mohanta	Journal Of Basic Microbiology (Wiley)	0233-111X
7	Identification Of Concomitant Inhibitors Against Glutamine Synthetase And Isocitrate Lyase In Mycobacterium Tuberculosis From Natural Sources	Dr. Yugal Kishore Mohanta	Biomed Research International	2314-6133
8	Study Of Antibacterial Activity And Phytochemical Screening Of Some Medicinal Plants Occuring In Barpeta District, Assam India	Dr. Nibedita Das Dr.Dhritiman Chanda	Bulletin Of Enviroment Pharmacology And Life Science (Bepls)	2277-1808
9	A Review On Medicinal Plant Compounds As Natural Food Preservatives	Dr. SAIYYAD ALAMDAR HUSAIN	Journal of Postharvest Technology	2348-4330
10	Growth Rate, Biomass Production And Mineral Contents Of Some Selected Microalgae	Dr Pranita Hajong	Indian Journal Of Applied And Pure Biology	0970-2091
11	Isolation And Identification Of Indigenous Bacteria For The Control Of Horse Hair Blight Disease Of Tea	Dr Dhritiman Chanda	Ecology, Environment And Conservation.	0971 - 765 X
12	Analysis Of Planktonic Abundance And Its Correlation To Fish Diversity In Dhir Beel (Oxbow Lake), Assam, India	Dr Arup Nama Das	Egyptian Journal Aquatic Biology And Fisheries	2536-9814
13	Analysis Of Planktonic Abundance And Its Correlation To Fish Diversity In Dhir Beel (Oxbow Lake), Assam, India	Dr Arup Nama Das	Egyptian Journal Aquatic Biology And Fisheries	2536-9814
14	Virtual 2d Map Of Cyanobacterial Proteomes	Dr. Amilia Nongbet	Plos One	1932-6203
15	Nanofertilizers: A Smart And Sustainable Attribute To Modern Agriculture	Dr. Amilia Nongbet	Plants	2223-7747
16	Renin-Angiotensin System Gene Polymorphisms And Hypertension In An Indian Population	Dr Priyanka Shankarisan	Applied Biochemistry And Biotechnology	0273-2289

17	Effect Of Sodium Nitroprusside On Germination Of Trigonell Foenum-Graceum Seeds Under Cadmium Stress	Dr. Deboja Sharma, Satyakam Agarwala	Journal Of Post Harvest Technology	2348-4330
18	Thiazolidin-2,4-Dione Scaffold: An Insight Into Recent Advances As Antimicrobial, Antioxidant, Hypoglycemic Agents, Mechanism Of Action And Patents Granted	Dr Yugal Kishore Mohanta	Molecules	1420-3049
19	Green Synthesis Of Endolichenic Fungi Functionalized Silver Nanoparticles: The Role In Antimicrobial, Anti-Cancer, And Mosquitocidal Activities	Dr Yugal Kishore Mohanta, Dr Manjit Kumar Ray	International Journal Of Molecular Sciences	1422-0067
20	In Silico Pharamcokinetics Molecular Docking And Dynamic Simulation Studies Of Endolichenic Fungi Seconadary Metabolites- An Implication In Identifying Noble Kinase Inhibitirs As Potential Anticancer Agents	Dr Yugal Kishore Mohanta	Journal Of Molecular Structure	0022-2860
21	Variation Of Phytochemical Constituents, Antioxidant, Antibacterial, Antifungal, And Anti-Inflammatory Properties Of Grantia Aucheri (Boiss.) At Different Growth Stages	Dr Yugal Kishore Mohanta	Microbial Pathogenesis	0882-4010
22	Study On Food Selection By Asian Elephants(Eliphus Maximus) In Dharamjaigarh,Forest Divison,C.G.	Dr Prabal Sarkar	Indian Journal Of Natural Sciences	0976-0997
23	Phytochemical Constituents And Bioactivity Profiles Of Citrus Genus From India	Dr Sony Kumari	Analytical Chemistry Letters	2229-7928
24	Computational Analysis Of Bacopa Monnieri (L.) Wettst. Compounds For Drug Development Against Neurodegenerative Disorders	Dr Yugal Kishore Mohanta	Current Computer-Aided Drug Design	1573-4099
25	Analysis And Interpretation Of Metagenomics Data: An Approach	Dr Yugal Kishore Mohanta	Biological Procedures Online	1480-9222
26	Decoding The Virtual 2d Map Of The Chloroplast Proteomes	Dr Yugal Kishore Mohanta	Biological Procedures Online	1480-9222
27	Nanofertilizers: A Smart And Sustainable Attribute To Modern Agriculture	Dr. Amilia Nongbetdr. Yugal Kishore Mohanta	Plants	2223-7747

28	Soil Treatment Using A Biosurfactant-Producing Bacterial Consortium In Rice Fields Contaminated With Oily Sludge— A Sustainable Approach	Dr Kaustuvmani Patowary, Dr Tamanna Bhuyan, Dr Yugal Kishore Mohanta	Environmental Research	0013-9351
29	A Study On Traditional Fishing Gears And Fish Capturing Methods Used By The Mising Community Of Gohpur Subdivision, Biswnath District, Assam	Dr Bulbul Acharjee	Bulletin Of Pure & Applied Sciences A Zoology	0970-0765
30	Plankton Diversity, Abundance And Their Variation In Barbila Beel, Nalbari, Assam, India	Dr Bulbul Acharjee	Bulletin Of Pure & Applied Sciences A Zoology	0970-0765
31	Algal community structure and species Diversity of fresh water bodies of Kohima, Nagaland	Dr Pranita Hajong	Indian J. Applied & Pure Bio. Vol. 37(3), 617-627 (2022).	0970-2091
32	A Review On Heavy Metal Contamination In Water: Health Risks, Sources And Phyto-Remediation Technique	Ms. Sabrin Sultana	High Technology Letters	1006-6748
33	Bio-Control Of Citrus Canker: An Alternative To Chemical Based Treatment	Dr Sony Kumari	Current Agriculture Research Journal	2347-4688
34	Green Synthesis Of Cobalt Ferrite Nanoparticles: An Emerging Material For Environmental And Biomedical Applications	Dr Yugal Kishore Mohanta	Journal of Nanomaterials	1687-4110
35	Bioaccumulation Of Cdse Quantum Dots Show Biochemical And Oxidative Damage In Wistar Rats	Dr Yugal Kishore Mohanta	Oxidative Medicine and Cellular Longevity	1942-0900 / 1942-0994
36	A Review On Heavy Metal Contamination In Water: Health Risks, Sources And Phyto-Remediation Technique	Ms. Sabrin Sultana	High Technology Letters	1006-6748
37	Occurrence, identification and characterization of diazotrophic bacteria from aerial roots of <i>Rhynchosyris retusa</i> (L.) Blume for plant growth-promoting activity	Dr Rabin K. Sharma	Archives of Microbiology	0302-8933
38	Comparative Study of the Cytotoxic Effects of Raw Aloe vera Gel Extract on the Root Tip Cells of <i>Allium cepa</i> and <i>Allium sativum</i>	Dr Dipankar Dutta	Biological Forum - An International Journal	0975-1130

39	Isolation And Characterization Of Surface Fungi From Local Fruits Of Meghalaya, India	Dr Dhritiman Chanda Dr G.D. Sharma	Biological Forum – An International Journal	2249-3239
40	Exploring Edible Mushrooms for Diabetes: Unveiling Their Role in Prevention and Treatment	Dr Yugal Kishore Mahanta	MDPI-Molecules	1420-3049
41	Nanotechnology in combating biofilm: A smart and promising therapeutic strategy	Dr Yugal Kishore Mahanta	Frontiers in Microbiology	1664-302X
42	Role of SHH-GLII Signalling Pathway in Alzheimer's Disease Development	Dr Sajad Yousuf	NeuroQuantology	1303-5150
43	Blood Performance, Enzymatic Alteration and Recovery study on Heteropneustes fossilis (Bloch) Exposed to Pyrethroids	Dr Bhagyashree Mahanta	Biological Forum – An International Journal	2249-3239
44	To Study the Effect of Foliar Application of Yeast and Ascorbic acid on Growth and Yield of Tomato(Lycopersicon esculantum) Plant	Dr Bedabati Dasgupta	Biological Forum – An International Journal	0975-1130
45	Phenology of Primary and Secondary Host Plant Species of Muga Silkworm (Antheraea assamensis)	Dr Bedabati Dasgupta	Indian Journal Of Applied And Pure Biology	
46	Efficacy of Foliar Application of Plant Growth Regulators on Growth and Yield of Chilli (Capsicum annuum L.)	Dr Milurani Das	Biological Forum – An International Journal	0975-1130
47	Correlations Between Niche Selection And Lengthwise Modification Of Legs Of Freshwater Aquatic Hemipteran Insects– An Evolutionary Consequence	Dr Rashmimala Kakoti	International Journal of Entomology Research	2455-4758
48	Factors Determining the Development of Sustainable Aquaculture:	Rezaul Ahmed	Journal of Survey in Fisheries Sciences	2368-7487
49	Integrating Multiple Aspects of Human-Elephant Conflict Management in Dharamjaigarh Forest Division of Chhattisgarh, India	Dr Prabal Sarkar	Uttar Pradesh Journal of Zoology	0256-971X
50	Neutaceuticals benefits of Saivia hispanica and its antioxidant and antimicrobial effects	Satyakam Agarwal	Journal of Emerging Technologies and Innovative Research	2349-5162
51	Monitoring the dynamics of acid mine drainage affected stream surface water hydrochemistry at Jaintia Hills, Meghalaya, India	Dr Mautushi Das	Environmental Science and Pollution Research (Springer)	1614-7499

52	Medicinal plant compounds as natural food preservatives: a review	Dr S.A. Hussain	Journal of Postharvest Technology	2348-4330
53	Pyrethroid Ramifications in the Haematological Status, Tissue Protein and Lipid Content of <i>Anabus testudineus</i>	Wanaz Nasreen Islam	Biological Forum – An International Journal	2249-3239
54	Comparative Genomics Analyses of some selected <i>Pseudomonas</i> strains having Biocontrol, Plant Growth Promoting and Bioremediation activities using Bioinformatic Tools	Dr Mehzabin Rehman	Biological Forum – An International Journal	0975-1130
55	Phytochemistry, Pharmacological Activities, Nanoparticles Synthesis, Commercial Exploration And Valorization Of Endangered Medicinal Plant <i>Embelia Ribes</i> Burm.: A Review	Amilia Nongbet	Biological Forum – An International Journal	0975-1130
56	Bioactive and Phosphatase Potential of Two Wild Mushrooms of Subtropical Forest consumed by Ethnic Tribes of Meghalaya, India	Madhusmita Borthakur	Biological Forum – An International Journal	0975-1131
57	Ichthyofaunal Diversity Of Brahmaputra River And Its Adjoining Tributaries: A Review Ichthyofaunal Diversity Of Brahmaputra River And Its Adjoining Tributaries: A Review	Dr Kangkan Jyoti Sarma	International Journal Of Zoological Investigations	2454-3055
58	Reinforced non-mulberry silk fibroin-fibroin nanocomposites and their optimization for tissue engineering applications	Rashmi Rekha Baruah, Yugal Kishore Mohanta	Journal of Materials Science	1573-4803
59	Smoke toxicity effect of bio-fabricated mosquito coil for the sustainable management of mosquito vectors	Yugal Kishore Mohanta	Journal of Natural Pesticide Research	2773-0786
60	Metal pollution in freshwater fish: A key indicator of contamination and carcinogenic risk to public health	Yugal Kishore Mohanta, Kaustuvmani Patowary	Elsevier-Environmental Pollution	1873-6424
61	Physiology, genomics, and evolutionary aspects of desert plants	Yugal Kishore Mohanta	Journal of Advanced Research	2090-1232

62	Exploration of indigenous rice beer of Assam (India) for its physicochemical, antioxidant, mineral content, and its conformational properties	Dr Sony Kumari	Systems Microbiology and Biomanufacturing	26627663, 26627655
63	Understanding Economics of Zero Tillage and Rice Straw Mulching in Potato Cultivation	Dr Pradip Kr Baruah	Biological Forum – An International Journal	0975-1130
64	Inventory of Traditional knowledge on wild, semi wild and cultivated fruit plants used by Tiwa tribe in Assam: Diversity, nutrition and conservation	Dr Milu Rani Das	Indian Journal applied and Pure Biology	0975-1130
65	A review on Contentious role of HSV1 in Alzheimer's disease & natural dietary benefits to prevent HSV	Dr Dhritiman Chanda	Journal of Pure and Applied Microbiology	0973-7510
66	The potential use of plant growth promoting Rhizobacteria (PGPR) for Tea Plant Cultivation in Assam: A Review	Dr Dhritiman Chanda	Ecology Environment & Conservation	0971-765X
67	Macro Fungi In Some Areas Of Borail Reserve Forest Of Dima Hasao District Assam	Dr Pradip Kr Baruah	The Journal Of Plant Science Research	0970-2539
68	Comparative Analysis Of The Nutritive Contents Of Sun Dried And Smoked Fermented Tilapia Fish (Oreochromis Niloticus)	Dr Deboja Sharma	Uttar Pradesh Journal Of Zoology	0256-971X
69	Medicinal plants and their traditional uses by different Tribes of Ri-Bhoi District, Meghalaya, NE India	Dr Mautushi Das	Indian J. Applied & Pure Bio. Vol. 38(2), 637-651 (2023).	0970-2091
70	Auxin biosynthesis by Macrobacterium testaceum Y411 associated with Orchid aerial roots and their efficacy in Micropropagation	Dr Rabin K. Sharma	Frontiers In Plant Science	1664-462X

LIST OF PATENT GRANTED

SI No	Name Of The Patenter	Patent Number	Title Of The Patent
1	Dr Sony Kumari Dr Tamanna Bhuyan Dr Madhusmita Bortahur	2.02231E+11	A Portable Device To Deform And Compact Plastic Waste At Sorce For Recycling
2	Dr. Bedabati Dasgupta Dr. Milu Rani Das Dr Pradip Kumar Baruah	2.02023E+11	Development Of Noble Bioweedicide. Weedkill:As An Approach To Sustainable Agriculture
3	Dr. Mautushi Das	2023/03808	A Method For Preparing A Dry Green Algal Powder Composition For Accelerating Sustainable Organic Agriculture
4	Dr Dipankar Dutta	2.02321E+11	Risk Analysis Of Abdominal Cancer Prognosis In Early Stage

LIST OF BOOK/ BOOK CHAPTER PUBLICATION

SI No	Name Of The Teacher	Title Of The Book /Chapters Published	ISBN
1	Dr. Pranita Hajong	Ecology Distributional Pattern And Diversity Of Algac In Umiam Reservoir	9789393336002
2	Dr. Pradip Kumar Baruah Dr. Bedabati Chowdhury Dr Chayanika Bordoloi	Conservation Of Biodiversity For Application In Agriculture And Sericulture	978-93-944960-16
3	Dr. Pradip Kr Baruah Dr. Milu Rani Das	Horticultural Practices And Post Harvest Technology	978-93-94095-60-1
4	Dr. Pranita Hajong	Ecology Distributional Pattern And Diversity Of Algae In Umiam Reservoir	978-93-93336-00-2
5	Dr. Milu Rani Das	Conservation Of Biodiversity For Application In Agriculture And Sericulture	978-93-944960-16
6	Dr. Pradip Kr Baruah Dr. Milu Rani Das	Horticultural Practices And Post Harvest Technology	978-93-94095-60-1
7	Dr Priyanka Shankarishan	Artificial Intelligence On Medical Data	9789811901515
8	Dr. Priyanka Shankarishan	Life Trends And Technology	978-93-94766-25-9
9	Dr. Kangkan Jyoti Sarma Mr. Saikat Majumdar Mr. Saikat Majumdar	Animal Agriculture: Modern Practice & Issues (Vol. 1)	978-93-91355-67-8
10	Dr. Amilia Nongbet	Conservation Of Biodiversity In The North Eastern States Of India	978-981-99-0945-2

11	Dr Jayabrata Saha	Applications Of Next Generation Biosurfactants In The Food Sector next-Generational Biosurfactant And Their Practical Application In The Food Industry	978-0-12-824283-4
12	Dr Jayabrata Saha	Mycotoxins In Food And Feed trichothecene Concerns In Food And Feed	9781003242208
13	Dr Manjit Kumar Ray Dr Y.K. Mohanta	Microbial Enzymes And Metabolites For Health And Well-Being Microbial Enzymes In Biomedical Applications	9781032436197
14	Dr Priyanka Shankarisan	Emerging Trends In Environmental Sustainability Effects Of Soil Erosion On Humans.	978-93-94766-27-3
15	Dr Priyanka Shankarisan	Emerging Trends In Environmental Sustainability Acid Rain: Its Effect On The Environment	978-93-94766-27-3
16	Dr Priyanka Shankarisan	Emerging Trends In Environmental Sustainability Environmental And Health Impacts Of Air Pollution	978-93-94766-27-3
17	Dr Priyanka Shankarisan	Emerging Trends In Environmental Sustainability Mangement Of Wate And Its Recycling	978-93-94766-27-3
18	Dr Priyanka Shankarisan	Frontiers In Microbiology. Review Of Leishmaniasis: Current Knowledge And Future Direction.	A 978-93-94766-27-3
19	Dr Priyanka Shankarisan	Frontiers In Microbiology. Impacts Of Gut Microbiota On Human Health And Diseases:A Mini Review	978-93-94766-29-7
20	Dr Priyanka Shankarisan	Frontiers In Microbiology. The Role Of Gut Microbiota And Non Communicable : A Review	978-93-94766-29-7
21	Dr Priyanka Shankarisan	Frontiers In Microbiology. Natural Food Colourants -A Review	978-93-94766-29-7
22	Dr Priyanka Shankarisan	Frontiers In Microbiology. Role Of Microbes In Industrial Products And Processes.	978-1-119-90117-4
23	Dr Priyanka Shankarisan	Phospholipases In Physiology And Pathology. Role Of Phospholipase In Relation To Cancer. *	978-0-323-95697-0
24	Dr Y.K.Mohanta	Role Of Microbes In Industrial Products And Processes: Food Preservatives From Microbial Origin: Industrial Perspective	978-1-119-90117-4
25	Dr Tamanna Bhuyan	Polymeric Foams:Materials ,Technology And Applications Polystyrene Foams:Materials ,Technology And Applications	9780841297173

26	Dr Manjit Kumar Ray Dr Y.K. Mohanta	Microbial Enzymes And Metabolites For Health And Well-Being Microbial Enzymes In Biomedical Applications	9781032436197
27	Dr Y.K. Mohanta	Pharmaceutical Nanobiotechnology For Targeted Therapy, Nanotechnology In The Life Sciences.Ethosomes For Dermal And Transdermal Drug Delivery Systems.	978-3-031-12658-1
28	Dr Mautushi Das	Comparative Account On Soil Organic Carbon Under <i>Aquillaria Malaccensis</i> <i>Lam</i> . Based Cultivatiob Sysrtm In Golaghat And Jorhat Districs Of Assam, , NE ,INDIA(<i>Conservation Of</i> <i>Biodiversituy For Application In</i> <i>Agricultutre And Sericulture</i>)	978-93-944960-16
29	Dr Pranita Hajong	Phytoplankton Community Structure And Species Diversity Of Fresh Water Bodies Of Kohima Nagaland(<i>Conservation Of</i> <i>Biodiversituy For Application In</i> <i>Agricultutre And Sericulture</i>)	978-93-944960-16
30	Dr Bedabati Dasgupta	Cytotoxic Effects Of Essential Oils (<i>Chymbopogon Nardus</i> , <i>Litsea Cubeba</i>) On Selected Weeds (<i>Senna Obtusifolia</i> , <i>Lantana Camara</i>) AND CROP PLANTS(<i>Pisum Sativum</i> , <i>Zea</i> <i>Mays</i>)(<i>Conservation Of Biodiversituy</i> <i>For Application In Agricultutre And</i> <i>Sericulture</i>)	978-93-944960-16
31	Dr Pradip Kr Baruah	Cost Benefit Analysis Of Conservation Agriculture Based Zero Tillage And Rice Crop Mulching Technique In Potato Cultivation (Conservation Of Biodiversituy For Application In Agricultutre And Sericulture)	978-93-944960-16
32	Dr Milu Rani Das	Traditional Knowledge Of Tiwa's Of Assam For Conservation Of Plant Resources (Conservation Of Biodiversituy For Application In Agricultutre And Sericulture)	978-93-944960-16
33	Dr Pradip Kr Baruah	Edible Micro Fungi Of Dimbrudisa Area Of Dima Hasao District Assam.	978-93-944960-16
34	Dr Dhritiman Chanda	<i>Arbuscularmycorrhiza(AM)</i> In The Cultivation Of Medicinal Plants In Ri- Bhoi District ,Meghalaya: A Review (<i>Conservation Of Biodiversituy For</i> <i>Application In Agricultutre And</i> <i>Sericulture</i>)	978-93-944960-16

LIST OF CONSULTANCY PROJECTS

SI No	Name Of The Scheme/Project/ Endowments/ Chairs	Name Of The Principal Investigator/ Co Investigator (If Applicable)	Name Of The Funding Agency	Type (Government /Non-Government)	Funds Provided (Inr In Lakhs)
1	Search For Nutraceutical Lead Molecules From Wild Edible Mushroom (Wems) Extracts And Utilization As Prebiotic Sources To Develop Symbiotic Microcapsules	Dr. Yugal Kishore Mohanta	SERB-DST-SRG	Government	30
2	Development And Commercialization Of “Fruit Bar” From Fruits, Available In North East India	Dr. Saiyyad Alamdar Husain	DST-NGIEDC	Government	2.5
3	Valorization Of Betalnut Husk Available In Meghalaya, India	Dr. Jayabrata Saha	DST-NGIEDC	Government	2.5
4	Green Conversion Of Low Value Wastes Into Highly Sought After Rhamnolipid Biosurfactant.	Dr Kaustuvmani Patowary	DST-NGIEDC	Government	2.5
5	Development Of Ethno-Medicinal Plant Based Insect Repellent Spray For Livestock	Dr Madhusmita Borthakur	DST-NGIEDC	Government	2.5
6	Converting Organic Waste Into High Value Products	Dr. Mautushi Das	DST-NGIEDC	Government	2.5
7	Solar Powered Incinerator For Solid Waste Disposal	Dr Priyanka Shankarishan	DST-NGIEDC	Government	2.5
8	Development Of Automatic Pineapple Peeler And Cutter For Small Scale Entrepreneurs	Pinky Deka	DST-NGIEDC	Government	2.5
9	Anti-Aging Food Supplementwith Fat Burning Properties	Dr. Bedabati Chowdhury	DST-NGIEDC	Government	2.5
10	Combined Effects Of Antibiotics And Nutrients In Dog Biscuits For Treating Bacterial Infections	Dr. Tamanna Bhuyan, Dr. Mohammad Zaki	DST-NGIEDC	Government	2.5
11	Pesticide Detector (Sensor Design For Pesticides)	Dr. Sony Kumari	DST-NGIEDC	Government	2.5

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

SI No	Name Of Teacher Who Attended	Title Of The Program	Duration
1	Dr. Priyanka Shankarishan	One Week Online National Faculty Development Programme on Cancer Awareness	05-07-2022 to 11-07-2022
2	Dr. Saiyyad Alamdar Hussain	Faculty Development Programme	20-02-2023 to 04-03-2023
3	Dr. Mehzabin Rehman	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 - 05- 2023.
4	Dr. Kuno Chuzho	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 - 05- 2023.
5	Dr. Amilia Nongbet	Professional Development Programme on 'Implementation of NEP2020 for University and College Teachers'	12-06-2023 to 20-06-2023

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

SI No	Name Of Teacher	Name of Conference/ Workshop Attended For Which Financial Support Provided
1	Dr. Tamanna Bhuyan	FACS Workshop

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ORGANISED BY SCHOOL

SI No	Name Of The Workshop/ Seminar	Date
1	A Skill based workshop on Elementary Concepts of Tensors and Glimpes of its Application	10-09-2022 to 10-09-2022
2	Seminer on Advances in Entrepreneurial Botany: Entrepreneurship and Students	27-10-2022 to 29-10-2022
3	One day workshop on Freshwater pearl culture for enterprenership development	10/12/2022 to 10/12/2022
4	Workshop on Enterprenership development	13-02-2023 to 13-02-2023
5	Webnier on IPR Research work and innovation	15-02-2023 to 15-02-2023
6	Workshop on skill development biodiversity conservation in india , issues Response and conservation technique	03-03-2023 to 03-03-2023

7	Workshop on Retinoblastoma and its recent research, on the occasion of world Cancer day	03-03-2023 to 03-03-2023
8	Workshop on Idea generation in New products	06-03-2023 to 06-03-2023
9	IPR and Patenting	22-03-2023 to 23-03-2023
10	Workshop on start up and IPR to Enlighten the creative minds of students in the field of Enterprenership	28-04-2023 to 28-04-2023
11	Workshop on Mushroom Culture and Advances in plant breeding Technique	08-05-2023 to 08-05-2023
12	Workshop on Woman Enterpreneship development programme	22 -05-2023 to 08-06-2023
13	One day workshop on Data Analysis in Quantitative Research	16-12-2022 to 16-12-2022
14	Workshop on “Application of Biostatistics in quality Research”	06-05-2023 to 06-05-2023
15	Workshop on Fomulation and research on quality value added products from the leaves of Pyrus pashia	11-05-2023 to 11-05-2023
16	Basic Workshop on Basic technique in Plant tissue culture for ensuring commercially Viable Quality Products.	24-01-2023 to 24-01-2023
17	Basic Workshop on Basic technique in Plant tissue culture for ensuring commercially Viable Quality Products.	24-01-2023 to 24-01-2023

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

SI No	Name Of Full Time Teachers Receiving Awards From State Level, National Level, International Level	Name Of The Award, Fellowship, Received From Government Or Government Recognised Bodies	Name Of The Awarding Agency
1	Dr. Saiyyad Alamdar Hussain	Private Training Partner under Capacity building Component of PMFME Scheme.	Assam Industrial Development Corporation Ltd. (Government of Assam)
2	Dr Yugal Kishore Mahanta	Certificate of Recognition & Appreciation	ACS Publication

SCHOOL OF SOCIAL SCIENCES & HUMANITIES

The School of Social Sciences and Humanities (SSSH) has been established with the objectives of inculcating scientific temper and enhancing technical knowledge with human and social values. It envisions to develop a hub of teaching and research having a global impact through superb and finest programmes. The object of the department is to impart training to the students in order to become professionals in the diverse fields of social work. Being aware of the fact that we lag behind invisibility in the general society, the department resolves to encourage the students and the faculty to get involve in intercollegiate programmes, community welfare initiatives as well as integral development of communities. We also realize the need to involve communities and adopt a community as part of our social responsibility. The Department also collaborates with different Universities in India and abroad, inviting distinguished scholars from across the world. The department is also actively engaged in the research activities pertaining to different issues in rural and social development, microfinance & rural credit, documentation of indigenous knowledge of North East tribes, Local self-Government and Agriculture Extension. To empower the rural women, the department provides a platform for the local women to sell local products in the university premise as “Local Haat”.

The research team and the faculty members of this school work on all the contemporary topics including Community development, Medical psychiatric, tribal studies, women empowerment, rural Entrepreneurship, water and Sanitation, Society in North East India, Social Problems, Sociology of Gender, Sociology of Education, Sociology of Health, Sociology of Tribes, Sociology of Mass Communication, Marriage, Family and Kinship, Rural Sociology, Sociology of Development, Digital Sociology, Environmental sociology, British Fiction, Caribbean Literature, South Asian Studies, Southeast Asian Studies, Border Studies, North-East Indian Studies, Women’s Writing, Queer Studies, Performative Arts, Translation, Ecology and Literature, Postcolonialism, Posthumanism, Language, Library Automation, Conservation and Preservation of Digital and Physical Library Materials, Financial Management in Libraries, Webometrics, Bibliometrics, Electronic Resources, International Relations, Customary Laws, Public Administrations.

Departments

- **Social Work**
- **Sociology**
- **Rural Development**
- **Library And Information Science**
- **English**
- **Political Science**

LIST OF FACULTY MEMBER

SI No	Faculty Name	Designation
1	Dr. Thagi Ram Gogoi	Professor
2	Dr. Abdul Matin	Professor
3	Dr. A.C. Talukdar	Professor
4	Dr. A. R. Vijapur	Professor
5	Dr. Bilash Chandra Das	Professor
6	Dr. Sanjib Kumar Dutta	Professor
7	Dr. Garima Kalita	Professor
8	Dr. Tilock Ch. Saikia	Professor
9	Dr Zabeen Ahmed	Professor
10	Mr.Baharul Islam Laskar	Associate Professor

11	Dr. Sandeep Gupta	Associate Professor
12	Dr. Papiya Dutta	Associate Professor
13	Dr. Mitali Goswami	Associate Professor
14	Dr. Nabarun Purkayastha	Assistant Professor
15	Dr. Kughatoli V. Aye	Assistant Professor
16	Dr. Nazia Parveen	Assistant Professor
17	Dr. Banti Deori	Assistant Professor
18	Dr. Chandan Bharadwaj	Assistant Professor
19	Dr. Amrita Saikia	Assistant Professor
20	Sikha Rani Das	Assistant Professor
21	Bobby Jyoti Borsaikia	Assistant Professor
22	Dr. Rameez Manzoor	Assistant Professor
23	Ms. Sangita Mahanta	Assistant Professor
24	Ms. Nrityanjali Sarmah	Assistant Professor
25	Dr. Noorul Ain	Assistant Professor
26	Maphisha Bakor Bareh	Assistant Professor
27	Shilpa Das	Assistant Professor
28	Afsana Arlin	Assistant Professor
29	Dr. Amir Hussain	Assistant Professor
30	Dr. Md. Nazeer Hussain	Assistant Professor
31	Dr.Chandana Bhattacharjya	Assistant Professor
32	Dr.Mary Magdalyne Kurbah	Assistant Professor
33	Ms. Fahmida Saheen Bora	Assistant Professor
34	Mr. Tanvir Ahmed	Assistant Professor
35	Mr. Dwaipayan Choudhury	Assistant Professor
36	Dr. Laimwn Basumatary	Assistant Professor
37	Dr. Himashree Patowary	Assistant Professor
38	Dr.Shweta Priyamvada	Assistant Professor
39	Mr. Saikat Mazumdar	Assistant Professor
40	Ms. Gayatri Saikia	Assistant Professor
41	Ms. Lilika K Zhimomi	Assistant Professor
42	Dr. Kabita Ghosh	Assistant Professor
43	Ms. Pramasa Saikia	Assistant Professor
44	Dr. Sukanya Kashyap	Assistant Professor
45	Ms. Riniva Thakuria	Assistant Professor
46	Ms. Salma Begum	Assistant Professor
47	Mr. Nirupam Kanti Sinha	Assistant Professor
48	Ms. Richa Sarma	Assistant Professor
49	Mr. Arkupal Ra Acharya	Assistant Professor
50	Mayuri Pathak	Assistant Professor
51	Ms. Amrita Devi	Assistant Professor
52	Mr. Indranil Chakraborty	Assistant Professor
53	Ms. Y. Haripriya Devi	Assistant Professor
54	Mr. Nijwm Basumatary	Assistant Professor
55	Dr. Jangkhohao Hangshing	Assistant Professor

LIST OF PAPER PUBLICATION

Sl No	Title of Paper	Name of The Author/S	Name of Journal	ISSN
1	Inhuman Scenerio-A Sociological Perspective on Custodial Death in India- An Anaylsis	Dr. Thagi Ram Gogoi Barnali Deka Marphy Hiloidhary	Journal of the Asiatic Society of Mumbai	0972-0767
2	Impact Of Covid-19 On Livelihood and Informal Sector in India: A Review	Dr. Sanjib Dutta Dr. Papiya Dutta Gayatri Saikia	Journal Of Positive School Psychology	2717-7564
3	Recent Trend for Creation of Second Chamber in States with Special Reference to Assam	Dr. Bilash Ch. Das	Journal Of the Asiatic Society of Mumbai	0972-0766
4	An Analysis on Areas Response of Pulses and Estimation Of Projected Demand Of Pulses In Assam	Prof. Sanjib Kumar Dutta Dr. Sujata Choudhury Dr. Dharanidhar Goswami	Journal Of the Asiatic Society Of Mumbai	0972-0766
5	A Study on Livelihood Pattern In Rock Mining Areas Of Ri-Bhoi District Of Meghalaya	Dr. Papiya Dutta. Prof. Sanjib Dutta	Indian Journal Of Hill Farming	0970-6429
6	Political Participation Of Thadou Tribe In Chandel District Of Manipur	Dr. Nabarun Purkayastha	Sodhasamhita	2277-7067
7	An Analysis In The Plight Of Out- Migrated Workers During Covid-19 Pandemic - A Case Study In Morigaon District Of Assam.	Prof Bilash Ch. Das Prof. Sanjib Dutta	Journal Of The Asiatic Society Of Mumbai	0972-0766
8	Youth Unrest: Crisis In Ethics And Moralities	Dr. Thagiram Gogoi	Phalanx	2320-7700
9	Socio -Cultural Dimensuon Of Reproductive Health Of Women In Islam Community- A Study Of Barpeta District Of Assam	Dr. Thagiram Gogoi	Kanpur Philosophers	2348-8301
10	Aestheticism And The Reflection Of Society In The Works Of Srimanta Sankardev And Charles Baudelaire: A Comparative Reading	Ms. Salma Begum	Shodha Prabha	0974-8946
11	Russia's Invasion Of Ukraine: Its Impact On Shared Neighbourhood	Mr. Tanvir Ahmed	Shodha Prabha	0974-8947
12	A Review On The Impact Of Covid-19on The Livelihood Of People In Meghalaya, India	Dr Manoj Nigadkar	Indian Journal Of Political Science	0019-5510
13	The Assessment Of Indigenous Hill People Of Meghalaya To Household Food Access, India.	Dr Shweta Priyambada	Journal Of Nutrition And Food Security	2476-7417

14	Decision Making In Health Seeking Behaviour Of Muslim Women In Rural, Assam.	Dr Nazia Parveen	Ijfans International Journal Of Food And Nutritional Sciences	2320-7876
15	Library Usage Pattern And Level Of Satisfaction Amongst The College Students Of The Oldest College Libraries In Guwahati (Assam): A Study	Mr Indranil Chakraborty Ms Amrita Devi Zabeen Ahmed	Dogo Rangsang Research Journal	2347-7180
16	Economic Status Of Vegetables Vendors During Covid-19 (2020-2021): A Case Study Of Kohima, Nagaland.	Prof. Sanjib Dutta	Journal Of The Asiatic Society Of Mumbai	0972-0766
17	An Analysis In The Plight Of Out- Migrated Workers During Covid-19 Pandemic - A Case Study In Morigaon District Of Assam.	Prof. Sanjib Dutta Dr Bilas Ch Das	Journal Of The Asiatic Society Of Mumbai	0972-0766
18	Crop Damage In Riverine Areas Of Tinsukia District And Its Prospects Of Diversification For Doubling Farmer's Income	Saikat Mazumdar Dr. Papiya Dutta	Journal Of The Asiatic Society Of Mumbai	0972-0766
19	A Study On The Role Of Ngos In Agriculture And Environmental Transformation In Rural Jhanjimukh In Assam	Dr Kughatoli V. Aye	Journal Of Social Work & Social Development	2229-6468
20	Influence Of Social Media For Academic Benefits: A Study Among Post-Graduate Students And Research Scholars Of The University Of Technology, Meghalaya	Ms Amrita Devi	Education And Society	2278-6864
21	"A Study On Valuation Of Wetland Resources For Conservation And Sustainable Development In Sivasagar District Of Assam"	Dr. Sanjib Kumar Dutta Ms. Gayatri Saikia	Madhya Pradesh Journal Of Social Sciences	0973-855x
22	An Analysis To Assess The Participation Of Child Labour In Agricultural Sector In Assam (A Case Study In Morigaon District of Assam)	Ms. Gayatri Saikia Dr. Sanjib Kumar Dutta	Kanpur Philosophers	2348-8301
23	Eating Disorder Among Young Adults And The Different Stimulators That Leads To Such Disordered Eating	Ms. Sangita Mahanta Ms Afsana Arlin	Madhya Bharti-Humanities And Social Sciences	0974-0066
24	Women And Resistance In The Conflict-Affected Bodoland Territorial Council Region Of Assam	Dr Amrita Saikia	Indian Journal Of Gender Studies	0971-5215

25	A Comparative Scientometric Assessment On Naac "A" Grade Accredited Central Universities Of North East India: Research Otuput And Citation Impact During 2011-2020	Mr Indranil Chakraborty	Dogo Rangsang Research Journal	2347-7180
26	Strains Of Covid-19 On The Conjugal Life: An Analytical Study Of Divorce Rate In The Top Four Metropolitan City Of India.	Dr Sandeep Gupta	Dogo Rangsang Research Journal.	2347-7180
27	Normalising Menstruation To Boost Women Empowerment	Ms Nrityanjali Sarmah	Shodha Prabha	0974-8946
28	The Lives In A Gendered Society: An Analytical Study On Status And Position Of Women In Assam	Dr Himashri Patowary	International Journal Of Special Education	0827-3383
29	Disintegration Of Assam -The Birth Of Seven Sisters In North East India	Dr Bilash Chandra Das	Madhya Bharti-Humanities And Social Sciences	0974-0066
30	Climate Change And Its Impacts On Agriculture Sector In Morigaon District Of Assam	Prof Sanjib Kr Dutta	Madhya-Bharti-Humanities And Social Sciences	0974-0066
31	Indigenous Agricultural Storage And Pest Management Of North East India	Ms Lilika K Zhimomi Dr Papiya Dutta	Indian Journal Of Hill Farming	0970-6429

LIST OF PATENT GRANTED

SI No	Name of The Patenter	Patent Number	Title of The Patent
1	Baharul Islam Laskar	2.02241E+11	Image Processing Based Consignment Verification System For Medical Supply Chain Vehicles
2	Baharul Islam Laskar	202331020780,	Drone-Based Cyber-Physical System For Water Quality Monitoring In Rural Areas
3	Baharul Islam Laskar	2.02331E+11	Cloud Computing Based Cyber-Physical System For Water Quality Monitoring In Rural Areas

LIST OF BOOK/ BOOK CHAPTER PUBLICATION

Sl. No	Name Of The Teacher	Title Of The Book/Chapters Published	Isbn Number Of The Proceeding	Name Of The Publisher
1	Mr. Biplab Kumar Dey	Banking Principles and Practice (Text Book)	9789356252684	Scientific International Publishing House
2	Dr. Nabarun Purkayastha Dr. Chandan Bharadwaj Prof. Abdul Matin	Education And Society During Covid-19 Pandemic	9789391681326	Bharati Publication
3	Dr. Sandeep Gupta Dr. Amit Choudhury	Perspective On Quality Research (Edited)	978-9394569119	Mittal Publications New Delhi
4	Dr Zabeen Ahmed Ms Amrita Devi Mr Indranil Chakraborty	Technology And Transitions In Libraries	978-93-93881-94-6	Purbayon Publication
5	Dr. Shweta Priyamvada	Supply Chain Management In Dairy Business	976-93-95655-21-4	
6	Ms Nrityanjali Sarma	Justice, Governance, And Sustainable Development Goals In South Asia		South Asian Conference
7	Dr Mitali Goswami	Laburnum Dreams And Other Stories		
8	Arkupal Ra Acharya	Mission At Red Planet	978-93-95634-01-4	Papyrus, Guwahati, Assam
9	Arkupal Ra Acharya	A Handy Guide To Alternative English		Good Books Distributors Publishers, Guwahati, Assam.
10	Dr Nibedita Das	A Taxonomic Study On Dicot Plants Of Ustm Campus, Baridua, Ri-Bhoi District, Meghalaya (Conservation Of Biodiversity For Application In Agriculture and Sericulture	978-93-944960-16	Pratishruti Publications
11	Dr Nibedita Das	Impact Of Climate Change In Indian Himalyan Region: An Overview. (<i>Environment In 21st Century; Vol 3</i>)	978-83-94570-38-2	Kripa Drishti Publications
12	Dr Sujata Choudhury	Women Farmers Empower In Agro - Sociology: A Modern Era	978-93-94596-31-3	Good Writers Publishing

13	Dr Sujata Choudhury	Aartha Samajik Prekhapatat Namami Asamar Nari	978-93-5701-746-6	BH College, Women Cell, Howly, Barpeta
----	---------------------	---	-------------------	--

LIST OF CONSULTANCY PROJECTS

Sl No	Name Of The Scheme/Project/ Endowments/ Chairs	Name Of The Principal Investigator/ Co Investigator (If Applicable)	Name Of The Funding Agency	Type (Govt/ Non-Govt)	Funds Provided (Inr In Lakhs)
1	Integrated Farming System Techniques For Sustainable Agriculture	Dr Papiya Dutta Saikat Majumdar Gayatri Saikia	DST- NGIEDC	GOVT	2.5

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher Who Attended	Title Of The Program	Duration
1	Lilika K Zhimomi	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
2	Kughatoli Aye	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
3	Ms. Nrityanjali Sarmah	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
4	Sangita Mahanta	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
5	Richa Sarma	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
6	Mayuri Pathak	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
7	Bobby Jyoti Borsaikia	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
8	Dr. Sukanya Kashyap	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher	Name Of Conference/ Workshop Attended For Which Financial Support Provided	Name Of The Professional Body For Which Membership Fee Is Provided
1	Dr. Baharul Islam Laskar	45th indian Social Science Congress	
2	Dr. Banti Deori	6th International conference on Future of Women 2023	
3	Dr. Kughatoli v. Aye	Online Weelong Faculty Development Program on Implementation of NEP 2020 in Higher Education Institution	Indian Sociological Society
4	Dr. Shweta Priyamvada	Refreshers Course in Geography	
5	Dr. Shweta Priyamvada		Indian Association of Hill Farming
6	Ms. Gayatri Saikia	Short term course on Communication skills & Personality Development	
7	Ms. Gayatri Saikia	10th Faculty induction Programme	
8	Ms. Gayatri Saikia		Indian Association of Hill Farming
9	Lilika K Zhimoni	Faculty Induction Programme	
10	Lilika K Zhimoni	One Weeklong FDP on Implementation of NEP 2020 in Higher Education Institution	
11	Lilika K Zhimoni	Faculty induction programme / Refresher Course	
12	Lilika K Zhimoni	Indian Association of Hill Farming	
13	Dr. Mitali Goswami		FICCI Ladise Organisation North East Chapter Guwahati

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

Sl No	Name Of The Workshop/ Seminar	Date
1	Workshop on Social Consciousness & Future Engagement in Development Sector	09-09-2022 to 09-09-2022
2	Workshop on "Entrepreneurship for Rural Economy & Development."	15-09-2022 to 15-09-2022
3	Workshop on "Role of Bamboo & Cane towards Rural Livelihood an Entrepreneurial Prospect."	16-09-2022 to 16-09-2022
4	Workshop on Innovation: How to Work on Ideas and IPR Basics	17-09-2022 to 17-09-2022
5	Workshop on "NABARD & Rural Development Entrepreneurial Perspectives."	19-09-2022 to 19-09-2022

6	Workshop on Mushroom and Apiculture for Building Rural Livelihood	19-09-2022 to 19-09-2022
7	Workshop on "Exploring Entrepreneurship Opportunities in Geriatric Services for Social Science Student."	01-10-2022 to 01-10-2022
8	International Conference on Redefining Peace towards a just , Non violent and sustainable future of the world	10-10-2022 to 12-10-2022
9	Skill Development Workshop on "Empowering Adolescent Girls through Quality Education and Life Skills."	12-10-2022 to 12-10-2022
10	Workshop cum Trining programme on "Sanitary pad making as a Quality Social Initiative Towards Menstrual Health Menagement among Rural women."	19-10-2022 to 19-10-2022
11	Two days national workshop on research methodology: data analysis and statistics using spss	01-12-2022 to 02-12-2022
12	Webiner on Forest & Livelihood	23-03-2023 to 23-03-2023
13	Workshop on “Humanism, Peace, and Youth in Building Northeast India”.	02-05-2023 to 02-05- 2023
14	Workshop on Localizing SDG through Rural Administration: Integrating Neighbourhood mission	06-05-2023 to 06-05-2023
15	Workshop On Bee Engaged in Ecosystem Restoration and Livelihoods	20-05-2023 to 20-05-2023
16	Workshop on “Literature and Society: A Quality Appraisal through the Lens of Theatre”.	18.12.2022 to 18.12.2022
17	Workshop on "Quality Editorial Writing"	07-09-2022 to 07-09-2022
18	Workshop cum Trining programme on "Sanitary pad making as a Quality Social Initiative Towards Menstrual Health Menagement among Rural women."	19-10-2022 to 19-10-2022
19	Workshop on “Social Consciousness & Future Engagement in Development Sector” for the Improvement of quality in social work field engagement	09-09-2022 to 09-09-2022
20	Workshop on "Quality of Social Work Practice on Community Health-Polio Eradication Programme."	22-10-2022 to 22-10-2022
21	Workshop on "Working with Scientific Publications for Quality Research."	25-11-2022 to 25-11-2022
22	World Social Day, 2023 Theme: Respecting Diversity through joint Social Action Quality Workshop on " Role of Street Play in promoting cultural Diversity "	30-03-2023 to 30-03-2023
23	Workshop on "Quality Matelip of Sustainable Development Good of Zero Hunger"	16-10-2022 to 16-10-2022
24	Workshop on “Working with Policy Documents as Sources for Quality Research”	25-11-2022 to 25-11-2022
25	National Seminar On “INDIA’S FOREIGN POLICY IN SOUTH ASIA: A QUALITATIVE ASSESSMENT”	29-05-2023 to 29-05-2023
26	Quality Education for Peace: Engaging youth in peace Building Activities.	07-09-2022 to 07-09-2022

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

SI No	Name Of Full Time Teachers Receiving Awards From State Level, National Level, International Level	Name Of The Award, Fellowship, Received From Government Or Government Recognised Bodies	Name Of The Awarding Agency
1	Dr Papiya Dutta	Certificate of Recognition as Top 100 Professor 2022 India	Hypedge Media
2	Dr Papiya Dutta	Capacity Building Programme (CBP) on Research & Training Learning process for the faculty in social Sciences	ICSSR
3	Dr Trishna Mani Thakuria	Seminar Grant for National Seminar on "Minority Rights & Gender Justice in India: A Qualitative Approach	ICSSR (North- Eastern Regional Centre)



SCHOOL OF TECHNOLOGY & MANAGEMENT

The School of Technology & Management (SOTM) 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.

The academic focus of the departments are Algorithms and Data Structures, Programming Languages and Software Engineering, Artificial Intelligence and Machine Learning, Computer Networks and Distributed Systems, Database Systems, Operating Systems, Computer Graphics and Visualization, Cybersecurity, Electrical Power Systems, Electronics and Communication Engineering, Control Systems, Renewable Energy Systems, Microelectronics and VLSI Design, Signal Processing and Image Analysis, Power Electronics, Structural Engineering, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Water Resources Engineering, Construction Management, Coastal and Ocean Engineering, Structural Health Monitoring and Rehabilitation, Solid Mechanics, Thermodynamics and Heat Transfer, Fluid Mechanics, Manufacturing Processes, Dynamics and Control Systems, Robotics and Automation, Human Resource, Finance, Marketing, Entrepreneurship etc.

Departments

- **Business Administration**
- **Commerce**
- **Economics**
- **Computer Science**
- **Data Science**
- **Artificial Engineering**
- **Electrical & Electronic Engineering**
- **Civil Engineer**
- **Mechanical Engineering**

LIST OF FACULTIES

SI No	Name	Designation
1	Dr. Sujit Sikidar	Professor
2	Dr. Kandarpa Kumar Barman	Professor
3	Dr. P.S. Velumani	Professor
4	Dr. Amit Choudhury	Associate Professor
5	Dr. Rashmi Rekha Baruah	Associate Professor
6	Dr. Parbin Sultana	Associate Professor
7	Dr. Abdur Rashid	Associate Professor
8	Dr. Mithu Deb	Associate Professor
9	Dr. Dharanidhar Goswami	Associate Professor
10	Dr. Sujata Choudhury	Associate Professor
11	Dr. Bhairab Sarma	Associate Professor
12	Dr. Kanak Chandra Bora	Associate Professor
13	Dr. Atowar Ul Islam	Associate Professor
14	Dr. Swati Baishya	Assistant Professor
15	Dr .Kamaleswar Boro	Assistant Professor

16	Dr. Nilanjan Mazumdar	Assistant Professor
17	Ms. Jyoti Hati Boruah	Assistant Professor
18	Mr. Samsul Islam	Assistant Professor
19	Ms. Priyanka Mahanta	Assistant Professor
20	Mr. Abhijit Brahma	Assistant Professor
21	Dr. Binita Topno	Assistant Professor
22	Dr. Sahnaj Rahmatulla Laskar	Assistant Professor
23	Rohit Sharma	Assistant Professor
24	Dr. Shahnaz Ali	Assistant Professor
25	Bhaswati Adhikary	Assistant Professor
26	Dr. Santa Kar	Assistant Professor
27	Mr. Hari Mall Thakuri	Assistant Professor
28	Ms. Barasha Bhuyan	Assistant Professor
29	Mr. Subash Limbu	Assistant Professor
30	Dr. Ashifuddin Ahmed Saikia	Assistant Professor
31	Dr. Geetika Kalita	Assistant Professor
32	Dr. Mahsina Rahman	Assistant Professor
33	Dr. Jhorna Sharma	Assistant Professor
34	Mr. Shofiur Rahman	Assistant Professor
35	Dr. Nirmala Devi	Assistant Professor
36	Dr. Farhat Hossain (Long Leave)	Assistant Professor
37	Ms. Daisy Kalita	Assistant Professor
38	Ms. Sangeeta Borkakoty	Assistant Professor
39	Ms. Priyanka Sarma	Assistant Professor
40	Ms. Daisy Sharma	Assistant Professor
41	Mr. Rashiduzzaman Prodhani	Assistant Professor
42	Mr. Mazharul Islam	Assistant Professor

LIST OF PAPER PUBLICATION

Sl No	Title of Paper	Name of The Author/s	Name of Journal	ISSN
1	Designing Web Interface and Lpg Safety Kit as An Arduino Based Lpg Monitoring & Alert System	Dr Atowar Ul Islam Sangeeta Borkakoty Daisy Kalita Priyanka Sarma Daisy Sharmah Mazharul Islam	Journal Of East China University of Science and Technology	1006-3080
2	Emerging Threats and Challenges Of Shgs Due To Covid-19 Pandemic- A Study	Dr. Amit Choudhury Ms. Sangita Mahanta	Education India: A Quarterly Referred Journal of Dialogues On Education	2278-2435
3	Sustainable Livelihood Perspectives As Drawn From Self Help Groups In Assam - A Study On Rural Women Empowerment.	Dr. Amit Choudhury Ms. Sangita Mahanta	Journal Of Management & Entrepreneurship	2229-5348
4	Predictive Power Of Parameters Influencing Borrowing By MSMES	Prof. Sujit Sikidar Dr. Maumita Choudhury	IITM Journal of Business Studies	2393-9451

5	Role Of Self-Finance Universities In Promoting Womens' Education At Higher Level And The Role Of State, National And International Level Bodies With Special Reference To University Of Science And Technology, Meghalaya.	Dr Parbin Sultana	Madhya Pradesh Journal Of Social Sciences	0973-855x
6	Application Of Blockchain In Different Machine Learning Technology And Health Care System	Dr Atowar Ul Islam	Telematique	1856-4194
7	Economic Status Of Vegetables Vendors During Covid-19: A Case Study Of Kohima, Nagaland	Mr. Shofiur Rahman	Journal Of The Asiatic Society Of Mumbai	1856-4194
8	A Socio-Economic Study On The Status Of Small Tea Growers In Charaideo District Of Assam	Mr. Shofiur Rahman Prof. Sanjib Dutta	Journal Of The Asiatic Society Of Mumbai	1856-4194
9	Re-Evaluating Tam Theory In Consumer's Acceptance Of Technology Based Banking Services: An Indian Context	Dr Kamaleswar Boro	International Journal Of Business Information Systems	1746-0980
10	An Analysis Of The Technical Efficiency Of Secondary Schools In Chakma Prone Area Of Mizoram	Dr. Sujata Choudhury	ANVESAK	0378 – 4568
11	Pattern Of Food Consumption And Expenditure In Rural Assam: Analysis Of Data Fromnsso Quinquennial Rounds	Dr. Mahsina Rahman	ANVESAK	379 – 4568
12	Involvement Of Higher Education Institutions In The Infolding Saga Of Changing Climate In North East Region	Ms. Priyanka Mahanta Mr. Abhijit Brahma	Education India: A Quarterly Referred Journal Of Dialogues On Education	2278-2435
13	Understanding Dynamic Pricing & Consumer Psychology	Dr Swati Baishya Dr. Rashmi Baruah	Purana	0555-7860
14	Women Street Vendors In Assam: A Study Of Guwahati City	Ms. Jyoti Hatiboruah Ms. Kritika Uzir	Purana	0555-7861
15	Patch Antenna With Slots For L And S -Band Communication	Dr. Bhairab Sarmah	Salud, Ciencia Y Tecnologia	2796-9711

16	An Analysis Of The Input Parameters Of The Dbscan Algorithm	Dr Atowar Ul Islam, Dr. Bhairab Sarmah Dr Valumani P.S	Computer Integrated Manufacturing Systems	1006-5911
17	Utilization Of Maternal Health Care During Covid-19 In Assam – A Comparison With India And Kerala	Dr. Sujata Choudhury	Madhya Pradesh Journal Of Social Sciences	0973-855x
18	A Spark-Based Parallel Fuzzy C Median Algorithm For Web Log Big Data	Dr Rashel Sarkar	International Journal On "Technical And Physical Problems Of Engineering"	2077-3528
19	Influence Of Social Media And Communication On Brand Equity	Mr Abhijit Brahma	Caraiveti	2456-9690
20	Demystifying The Nexus Between Ownership Structure And Performance: A Study Of The Emerging Market. Study of The Emerging Market.	Dr Nilanjan Mazumdar	Corporate & Business Strategy Review	2708-9924
21	Rural Urban Divide In Technology Uses Of Consumer In Banking Industrt: A Study In Assam	Dr Kamaleshwar Boro	Towards Excellence	0974-035x
22	Destination Service Quality, Tourist Satisfaction And Revisit Intention: The Moderating Role Of Income And Occupation Of Tourist	Dr Kamaleshwar Boro	Journal Of Tourism, Hospitality & Culinary Arts (Jthca) Journal Of Tourism, Hospitality & Culinary Arts (Jthca)	1985-8914
23	Impact Of Modular Approach To Blended Learning (Mabl) As Study Tools On Academic Achievement Among Masters Level Students: An Experimental Study.	Dr. Mithu Deb	Journal Of The Oriental Institute	0030-5324
24	Socio Economic Determinants Influencing Consumer Choice On Retail Formats	Dr. Abdur Rashid	Journal Of Management And Entrepreneurship	2229-5348
25	An Analysis On The Potentiality Of Argo-Based Industries In Northeast India	Mr. Shofiur Rahman	Journal Of The Asiatic Society Of Mumbai	Issn : 0972-0766
26	Perception Regarding Health Insurance Among The People Of Guwahati City, Assam”	Mr. Shofiur Rahman	Journal Of The Asiatic Society Of Mumbai	0972-0766

27	Application Of Distinct Multi Criteria Decision Analysis Techniques In The Manufacturing Sector: A Comprehensive Review	Dr. Nilanjan Mazumdar	Materials Today: Proceedings	2214-7853
28	Tourism Aspects Of Nagaland: An Empirical Analysis	Dr Santa Kar Dr Sujit Sikidar	Econophysics, Sociophysics & Other Multidisciplinary Sciences Journal (ESMSJ)	2247 – 2479
29	Role Of Local Government In Developing Green Marketing : An Enviromental Management Perspective	Ms . Priyanka Mahanta	Madhya Bharti	0974-0066
30	Academia Adapting To E-Learning: A Survey On Indian Engineering Educational Institute	Dr Bhairab Sarma	Indian Journal Of Education Technology	2581-8325
31	Medical Image Analysis Of Knee Osteoarthritis Using Modified Deep Cnn	Dr Rashel Sarkar	Journal Of Survey In Fisheries Sciences	2368-7487
32	Tomato Leaf Disease Recognition-A Critical Review	Dr Rashel Sarkar	Journal Of Data Acquisition And Processing	1004-9037
33	Implementation Of Role Based Access Control And Dynamic Load Balancing In Model Analysis And Auditing Services	Daisy Sharmah , Dr. Atowar Ul Islam	Scandinavian Journal Of Information Systems	0905-0167
34	Ethnic Tourism As Source Of Income Opportunities And Self-Reliant To Propel Aatma Nirbhar Bharat	Dr. Jhorna Sharma	Journal Of Management And Entrepreneurship	2229-5348
35	Prospects Of Employment Of Women In Silk Handloom Industry Of Assam With Special Reference To The Woman Weavers In Kamrup District	Dr. Nirmala Devi	Madhya Pradesh Journal Of Social Sciences	0973-855x
36	A Novel Energy-Efficient Routing Algorithm Design And Simulation	Mazharul Islam, Dratowar Ul Islam	Journal Of Data Acquisition And Processing	1004-9037
37	Artificial Intelligence Based Object Observation By Using Camera In Aeronautical Security Surveillance System (Casss)"	Dr.Velumani P.S.	"Hangkong Cailiao Xuebao/Journal Of Aeronautical Materials"-	1005-5053
38	Medical Image Analysis Of Knee Osteoarthritis Using Modified Deep Cnn	Dr Rashel Sarkar	Journal Of Survey In Fisheries Sciences	2368-7487

39	Understanding Textile Industries Of Sualkuchi And Problems In The Way Of Organized Retailing Way Of Organized Retailing	Dr.Swati Baishya,	Madhya Bharti - Humanities And Social Sciences	0974-0066
40	A Review On Influence Of Branding In Selection Of Auto Vehiclesby Customers	Barasha Bhuyan Dr. Parbin Sultana	Biogecko	2230-5807
41	Effectiveness Of Blended Modular Approach In The Academic Achievement Of Students At Post Graduate Level	Dr Mithu Deb	Satraachee	2348-8425
42	The Entrepreneurial Propensity: A Study On The Adivasi Entrepreneurs In Assam	Binita Topno	Journal Of Rural Development	0970-3357
43	Consumer Perception Towards Health Insurance Policies After Covid-19 Pandemic	Dr Parbin Sultana	The European Chemical Bulletin	2063-5346
44	An Empirical Study Of Covid-19 Vaccination Management Through The Implementation Of Digital Services	Dr Parbin Sultana	International Journal Of Food And Nutritional Sciences	2320-7876
45	Ethnic Advertising Practices In Assamese Language Television Channels	Subash Limboo	Biogecko	2230-5807
46	A Study On Investment Pattern Of People In Guwahati City,Assam.	Hari Mall Thakuri	Lampyrid	2041-4900
47	A Study On Customer Perception Towards Electric Vehicles In Kamrup Metro.	Barasha Bhuyan	Lampyrid	2041-4901
48	Public Health Care Management: A Critical Study Over The Level Of Satisfaction Of Select Users	Prof. Sujit Sikidar	Journal Of Coastal Life Medicine	2309-5288

LIST OF PATENT GRANTED

Sl No	Name of The Patenter	Patent Number	Title of The Patent
1	Dr. Velumani P S	2.02211E+11	Lora ADHOC Network Based Outdoor Wireless Communication System
2	Dr. Rashel Sarkar	2.02231E+11	Stock Market Prediction Using Artificial Neural Networks In Python.

3	Dr. Rashel Sarkar	2.02231E+11	Artificial Intelligence And Deep Learning Based Driverless Cars To Reduce The Road Accident, Death Race Using Python
4	Dr. Swati Baishya Ms. Jyoti Hatiboruah Ms. Kirtikauzir	2.02241E+11	Effect Of Revenue Generation On Tax Auditing And Investigation In Developing Economies
5	Ms. Priyanka Mahanta	2.02221E+11	A System For Evaluating Role Of Hr Practices In Employee Engagement And Retention.
6	Dr. Velumani P S	2.02241E+11	Brand Preference Customer Satisfaction And Loyalty Towards Smartphones Among College Students
7	Dr. Velumani P S	2.02221E+11	Machine Learning Architecture For News Reporting Texts In Social Networks For Detection Of Fake News
8	Dr. Nilanjan Mazumdar	2.02241E+11	Role of AI And Blockchains In Making Various Segments Of The Financial Sector Automated And Decentralized
9	Dr. Rashel Sarker	2.02241E+11	Exact Prediction And Consumption Of Residential Electricity Power Cost Hours, Daily, Weekly, Monthly Using Artificial Intelligence Neural Technology And Machine Learning Models And Deep Learning Techniques
10	Dr. Rashel Sarker	2.02211E+11	Cloud Based Iot Smart And Accurate Traffic Monitoring System In Real Time Applications For Developed Countries To Reduce Traffic Related Issues
11	Mr. Abhijit Brahma	2.02241E+11	A System For Evaluating Effect Of Leveraging The Right Technology For Global Customer Relationship Management.
12	Mr. Abhijit Brahma Priyanka Mahanta	2.02211E+11	An Artificial Intelligence – Based System With Big Data Analytics And Predictive Data Modelling For Automating The Stock Trading With Minimized Risk Of Market Exposure
13	Dr. Rashmi Baruah	2.02211E+11	A System For Evaluating The Role Of Emotional Intelligence And Work Life Balance In Job Stress And Method Thereof
14	Ms. Sangeeta Borkakoty Dr Atowar Ul Islam	2.02231E+11	An Efficient IOT Based Smart Bio Toilet Management System For Smart City Guwahati, Assam
15	Dr Atowar Ul Islam	2.02211E+11	Method For Transmitting Data Between Popularity Of Trees And Arrays Using Machine Learning
16	Dr Atowarul Islam Ms Sangeeta Borkakoty	2.02211E+11	Enumerating And Manipulating TREE Data For Tagging Trees Using Machine Learning

17	Mr Abhijit Brahma	2.02211E+11	An Artificial Intelligence- Based System And Online Web Application Based Games For Social Psychology Perspective And Assistance On The Barriers To Effective Communication And Teamwork"
18	Dr. Atowar Ul Islam	2.02231E+11	Internet Of Things In Advanced Manufacturing
19	Dr. Bhairab Sarma Daisy Kalita Gaurav Kumar Bhargav	2.02231E+11	Development Of A Smart Tokenizer For Natural Language Processing
20	Dr. Rashel Sarker	2.02231E+11	Artificial Intelligence Techniques And Big Data Analytics Based Digital Document Fraud Detection System Using Internet Of Things (IOT) Enabled Machine Learning Things In Finance And Economic Industry
21	Dr. Rashel Sarker	2.02231E+11	Financial Fraud Apps Detection By Using Data Mining Optimization Techniques With Machine Learning
22	Dr. Atowar Ul Islam Ms Sangeeta Borkakoty	2.02241E+11	Vibrational Structural Monitoring System Based On Internet Of Things
23	Ms. Priyanka Mahanta	2.02241E+11	A System For Providing Mediating Effect Of Emotional Intelligence In Work Life Balance In Corporate World
24	Dr. Nilanjan Mazumder	2.02241E+11	Digital Marketing Techniques Using Artificial Intelligence, Blockchain And IOT And Method Thereof
25	Dr. Rashel Sarker	2.02211E+11	Artificial Intelligence And Deep Learning Algorithms To Detect And Prevent Malware In Cyber Security
26	Dr. Velumani P S	2.02231E+11	Intelligence Classification And Routing Of Computer Text Using Ai Transfer Learning
27	Dr. Nilanjan Mazumdar	2.02221E+11	An Artificial Intelligence Based System In Human Resource Management Functions
28	Dr. Atowar Ul Islam	2.02221E+11	Medical Imaging Analysis For Predicting A Diagnosis Of A Neurobehavioral Disorder.
29	Dr. Nilanjan Mazumdar	2.02211E+11	A System For Avoiding Fraud Financial Losses In Multiple Payment Platforms Using Artificial Intelligence & Machine Learning And Method Thereof
30	Dr. Atowar Ul Islam	2.02241E+11	Method For Converting A Three Dimensional Lidar Dataset To A Projection Shape, And A Multichannel Two Dimensional Image For Performing Segmentation.
31	Dr. Atowar Ul Islam	2.02241E+11	Method For Converting A Three Dimensional Lidar Dataset To Projection Shape And A Multichannel Two Dimensional Image For Performing Segmentation.

32	Dr. Atowar Ul Islam	2.02321E+11	The Method For Performing Image Processing For Correcting Frame To Frame Image Changes.
33	Dr. Atowar Ul Islam	2.02311E+11	An Artificial Intelligence Based Air Pollution Prediction And Monitoring System
34	Dr. Atowar Ul Islam	2.02341E+11	AI Based Control System Of A Vehicle Drive Unit
35	Dr. Velumani P S	2.02341E+11	Iot Based Sensor Array Technique For Sailing Vessels Motion Monitoring
36	Dr. Atowar Ul Islam	2.02341E+11	A Method Of English Phonetic Teaching Auxiliary Tool And Industry Application.
37	Dr. Velumani P S	2.02321E+11	Camera Based Manned Underwater Robot For Ship Propeller Monitoring And Maintenance
38	Dr. Velumani P S	2.02321E+11	Embedded IOT Based Inlet And Outlet Flue Gas Monitoring System For Carbonator Units Of Cement Plant
39	Dr. Rashel Sarkar	6268246	Intelligent Sensor Based Biodegradable Waste Collection
40	Dr. Velumani P S	2.02331E+11	Wireless Network System Of Machine Vision Based Buoys In Sea For Pirate Boat Identification
41	Dr. Velumani P S	2.02331E+11	Iot & Cloud Computing Based Hull Mounted Mercury Detector In Sea Water For Fishing Boats
42	Dr. Velumani P S	2.02331E+11	Cloud Computing And Image Processing Based Public Screens For Basic Medical Diagnostics
43	Dr. Velumani P S	2.02331E+11	Machine Vision And Multiple Sensor Data Fusion Based Robotic Vehicle For Injection Administration
44	Dr. Velumani P S	2.02331E+11	Camera Based Solar Drone For Flora Identification System Employing Ensemble Machine Learning
45	Dr Atowar Ul Islam	2.02341E+11	IOT Based Method And Device For Obtaining Electronic Transaction Certificate And Storage Medium
46	Dr. Atowar Ul Islam	386120-001	Unmanned Aerial Vehicle For Ambulance

LIST OF BOOK/ BOOK CHAPTER PUBLISHED

Sl No	Name of The Teacher	Title of The Book/Chapters Published	Name of The Publisher
1	Dr. Nilanjan Mazumdar	Computational Intelligence In Communications And Business Analytics	Springer Nature
2	Ms. Priyanka Mahanta Mr. Abhijit Brahma	Contemporary Research In Management	Bharati Publisher

3	Dr. Atowar Ul Islam	Research Direction Towards Iot-Based Machine Learning-Driven Health Monitoring Systems: A Survey	Springer
4	Dr Rashel Sarkar	Futuristic Trends In Computing Technologies And Data Sciences: Cloud Computing And Load Balancing In The Cloud Computing	Bharati Publisher
5	Daisy Sharmah Dr. Kanak Chandra Bora	Futuristic Trends In Artificial Intelligence	Selfy Page Developers Pvt.Ltd
6	Dr Rashel Sarkar	Futuristic Trends In Computing Technologies And Data Sciences: Cloud Computing And Load Balancing In The Cloud Computing	Selfy Page Developers Pvt.Ltd
7	Dr. Jhorna Sharma	Skill Enhancement Course	Banalata
8	Sukriti Das Dr. Nilanjan Mazumdar Mr. Biplab Kr. Dey	Contemporary Issues In Corporate Management	Bharati Publisher
9	Sukriti Das Jyoti Hatibaruah	Edu-Preneurship	Iterative International Publishers (Iip)
10	Mr. Abhijit Brahma Ms. Kritika Uzir Dr. Rashmi Baruah Ms. Priyanka Mahanta	Sustainable Innovation In Managment	Mittal Publications New Delhi
11	Ms Jyoti Hatiboruah	Promotion Of Handicraft Tourism In North East India	IIM Shillong
12	Dr. Jhorna Sharma	Skill Enhancement Course	Banalata
13	Dr. Sujata Choudhury	Large River Dams: Impacts & Issues	Good Writers Publishing
14	Dr. Sujata Choudhury	An Enquiry Into Ethno Economic Relevance Of Mayang's Eminent Black Magic (Edited Book)	Good Writers Publishing
15	Dr. Sujit Sikidar Md. Abdur Rashid	Entrepreneurship A Mission And A Livelihood	Sunmarg Publishers & Distributors
16	Dr Rashel Sarkar	Artificial Intelligence: Modern Perspective And Practices	
17	Atowar Ul Islam	Computational Vision And Bio-Inspired Computing Research Direction Towards IOT-Based Machine Learning-Driven Health Monitoring Systems: A Survey	Springer, Singapore
18	Dr. Kamaleswar Boro	Research Methodology	Good Writer Publication
19	Ms Sangeeta Borkakoty And Dr Kanak Ch Borah	Holistic Research Perspectives Vol9 International Proceedings	Nfed Publisher
20	Dr Atowar Ul Islam	Holistic Research Perspectives Vol9 International Proceedings	IEEE
21	Dr Bhairab Sarma		IEEE
22	Dr Atowar Ul Islam	Holistic Research Perspectives Vol9 International Proceedings	IEEE

23	Dr Nilanjan Mazumdar	Sentiment Analysis Of Movie Review Using Hybrid Optimization With Convolutional Neural Network In English Language	IEEE
24	Dr. Sujata Choudhury Dr. Mahsina Rahman	Covid 19 And Indian Economy Impacts And Rebound	Good Writers
25	Dr. Jhorna Sharma	Enviromental Studies	Banalata
26	Dr Velumani P. S.	Artificial Intelligence With Python	Deccan International Academic Publishers
27	Ms Sangeeta Borkakoty Dr Atowar Ul Islam	The New Era Of Computing: Emerging Trends And Technologies	Amazon
28	Dr Sujit Sikidar Dr Abdur Rashid	Dossier Of Economics Business And Management	Global Publishing House India.
29	Ms. Priyanka Mahanta Mr. Abhijit Brahma	Local Governance And Management In North East India	Mittal Publications
30	Dr Velumani P.S.	Advanced Computer Networks -Concepts & Application	Deccan International Academic Publisher
31	Dr. Md. Abdur Rashid	A Critical Assessment Of Joseph Schumpeter's Theory Of Entrepreneurship (Entrepreneurship A Mission And A Livelihood)	Sunmarg Publishers & Distributors, New Delhi
32	Dr. Md. Abdur Rashid	A Perceptual Study On Entrepreneurial Motivation, And Challenges Of Green Entrepreneurs With Special Reference To Post Graduates(Entrepreneurship A Mission And A Livelihood)	Sunmarg Publishers & Distributors, New Delhi
33	Subash Limbu	A Study On The Adoption Of Upi Payment System In Shillong(Dossier Of Economics, Business And Management)	Global Publishing House India, Visakhapatnam
34	Md. Abdur Rashid	Financial Literacy Level Among The Tribal People: Evidence From Ri-Bhoi District, Meghalaya(Dossier Of Economics, Business And Management)	Global Publishing House India, Visakhapatnam
35	Md. Abdur Rashid	A Study On Economics Of Arecanut Production In Garo Hills, Meghalaya(Dossier Of Economics, Business And Management)	Global Publishing House India, Visakhapatnam
36	Mithu Deb Sujit Sikidar	De-Dollarisation And Settlement Of Trade Bills Through An Alternative(Dossier Of Economics, Business And Management)	Global Publishing House India, Visakhapatnam
37	Md. Abdur Rashid	Occupational Health Epidemiology: A Comparative Study of Health Among Manufacturing Industrial Workers In India And Assam(Dossier of Economics, Business & Management)	Global Publishing House India, Visakhapatnam

38	Ashifuddin Ahmed Saikia	Role Of Nabard In Financing And Promoting Famer Producer Organisations In India	Global Publishing House India, Visakhapatnam
39	Hari Mall Thakuri	An Analysis Of Sector Wise Contribution To Gdp In India	Global Publishing House India, Visakhapatnam
40	Md. Abdur Rashid	Influence Of Biases On Investment Decisions	New Century Publications, New Delhi
41	Hari Mall Thakuri, Subash Limbu, Md. Abdur Rashid	A Study Of Behavioural Biases In Investment Decisions	New Century Publications, New Delhi
42	Barasha Bhuyan	A Study On The Influence Of Digitalization In The Automobile Industry And Transformation In Behavior Of Customers Of Automobile Industry Due To Covid 19	Global Publishing House India, Visakhapatnam
43	Md. Abdur Rashid	A Study On Managing Household Finance Of Middle Class During The Covid-19	Global Publishing House India, Visakhapatnam
44	Dr Rashmi Baruah	Work Life Balance Of Emplpyoees In Manufacturing Sector: A Study Of Progressive Fertichem Pvt Ltd, Jagiroad .(Dossier Of Economics , Business And Management)	Global Publishing House, Orissa, India

LIST OF CONSULTANCY PROJECTS

Sl No	Name of The Scheme/Project/ Endowments/ Chairs	Name of The Principal Investigator/ Co Investigator (If Applicable)	Name of The Funding Agency	Type	Funds Provided (Inr In Lakhs)
1	IOT (Internet of Things) Based Monitoring of Fermentation Process Parameters In Tea Industry	Palash Mukul Das	DST-NGIEDC	GOVT	2.5
2	IOT Based Cattle Silent Heat Detection System	Rishiparna Choudhury Priyanka Sarma Dr. Monalisa Bora	DST-NGIEDC	GOVT	2.5
3	Smart Iv Infusion Monitoring System	Sangeeta Borkakoty Daisy Kalita	DST-NGIEDC	GOVT	2.5

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name of Teacher Who Attended	Title of The Program	Duration
1	Mr. Asifuddin Ahmed Saikia	Online weeklong FDP on Assessment and Evaluation	26-09-2022 to 30-09-2022
2	Mr. Asifuddin Ahmed Saikia	Online weeklong FDP on Academic writing and publication	01-11-2022 to 07-11-2022
3	Mr. Asifuddin Ahmed Saikia	Professional Development Programme on Implementation of NEP 2020 for university and College Teachers	21-12-2022 to 31-12-2022
4	Dr. Mithu Deb	Online weeklong FDP on Assessment and Evaluation	26-09-2022 to 30-09-2022
5	Dr. Mithu Deb	Professional Development Programme on Implementation of NEP 2020 for university and College Teachers	27-10-2022 to 05-11-2022
6	Binita Topno	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
7	Dr. Rashmi R. Baruah	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
8	Hari Mall Thakuri	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
9	Dr. Sahnaj Rahmatulla Laskar	1) Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
10	Dr. Sahnaj Rahmatulla Laskar	2) UGC Sponsored Faculty Induction Programme	09-01-2023 to 06-02-2023
11	Bhaswati Adhikary	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
12	Bhaswati Adhikary	Online Weeklong FDP on ICT Tools for Effective Teaching & Learning	22-03-2023 to 28-03-2023
13	Dr. Shahnaz Ali	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
14	Abhijit Brahma	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
15	Rohit Sharma	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02-05-2023.
16	Dr. Atowar Ul Islam	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2024

17	Ms Daisy Kalita	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2025
18	Ms.Daisy Sarmah	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2026
19	Dr. Mahsina Rahman	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2027
20	Ms. Sangeeta Bokakoty	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2028
21	Ms. Priyanka Sarma	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2030
22	Dr. Geetika Kalita	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2031
23	Md. Abdur Rashid	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2032

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ORGANISED BY SCHOOL

Sl No	Name of The Workshop/ Seminar	Date
1	Workshop on Research Methodology: Enhancements in research paper writing	05-08-2022 to 05-08-2022
2	Workshop on Role of Skill Development in Higher Education	05-08-2022 to 05-08-2022
3	International conference on innovation in Management Science and Technology	05-08-2022 to 06-08-2022
4	Workshop on Skill development "AI for All"	03-09-2022 to 03-09-2022
5	Workshop on Acquiring Skill in Computerised Accounting	30-09-2022 to 30-09-2022
6	Workshop on Skills for Professional Success in managerial Roles	09-09-2022 to 09-09-2022
7	Workshop on Developing Entrepreneurial Skills in Students	22-09-2022 to 22-09-2022
8	Workshop On Channelising Entrepreneurial Opportunities for A Faster Economic Growth In Northeast India	30-09-2022 to 30-09-2022
9	Skill development workshop on Hybrid multi cloud Architecture and Industry 4.0	29-10-2022 to 29-10-2022
10	Workshop on Entrepreneurship and Start-ups	2-11-2022 to 2-11-2022
11	Workshop on Tech Career: Goal and Philosophy	03-11-2022 to 03-11-2022

12	Competition Management in an Entrepreneurship Environment	09-11-2022 to 09-11-2022
13	Workshop on “Entrepreneurship in Farming”	14-11-2022 to 14-11-2022
14	Workshop on Individualizing Skill Learning Accounts in a Globalizing World”	26-11-2022 to 26-11-2022
15	Workshop on “Sustainability in Job Life”	27-12-2022 to 27-12-2022
16	A Workshop on Web development boot camp: Learn to build and deploy web application	27-01-2023 to 27-01-2023
17	Workshop on Scaling up Innovative ideas into Cooperative Structure & Entrepreneurship	27-01-2023 to 27-01-2023
18	Workshop on "On Job Training Program for Skill Enhancement in software Project Development	04-03-2023 to 04-03-2023
19	A Skill development workshop on introduction to Robotics and its Application	05-03-2023 to 05-03-2023
20	Workshop on Impact of Micro Agricultural practices in modern economy- Rooftop Garden	26-04-2023 to 26-04-2023
21	Workshop on Artificial Intelligence in Mobile Robotics	19-05-2023 to 19-05-2023
22	Skill development workshop on Full Stack web development	20-05-2023 to 20-05-2023
23	Industry Academia Workshop on “Smart and Quality Engineering for a better World”	15-09-2022 to 15-09-2022
24	Workshop on Telecommunication & Quality Services	15-05-2023 to 15-05-2023
25	Application of Machine Learning in Quality Engineering	14-11-2022 to 14-11-2022
26	Campus to Corporate: Ensuring Quality Deployment for Career Growth	04-01-2023 to 04-01-2023

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher	Name of Conference/ Workshop Attended For Which Financial Support Provided	Name of The Professional Body For Which Membership Fee is Provided
1	Dr. Sujata Choudhury	Indian Association for the study Population 43rd Annual conference of the IASP	
2	Mrs. Sangeeta Borkakoty	International Conference on Research innovation & Challenges	
3	Dr. Bhairab sarma	International conference on Emerging Trends in Mathematical Sciences & Computing	

4	Dr. Bhaswati Adhikary	1) Online weeklong Faculty Development Program on Implementation of NEP 2) 6th National Conference on Sustainable Development Goals: A Multidisciplinary Ingress 3) 6th International Scientific conference on Business and Economics	
5	Dr. Atowar ul Islam		
6	Mr. Subash Limbu		Indian Commerce Association
7	Jyoti Hatibarooah	IMRC international Marketing Conference	
8	Jyoti Hatibarooah		North East India commerce & Management Association

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

Sl No	Name of Full Time Teachers Receiving Awards From State Level, National Level, International Level	Name of The Award, Fellowship, Received From Government Or Government Recognised Bodies	Name Of The Awarding Agency
1	Dr Kanak Bora	International Seminar Grant	SERB
2	Dr Bhairab Sharma	Seminar Grant	AMTRON
3	Dr Rashmi Baruah	Aquaculture Entrepreneurship Seminar Grant	SAFAL
4	Dr Rashmi Baruah	Workshop Grant	BOB
5	Ms Priyanka Mahanta	Savitribai Jyoti Rao Phule Single Giri Child Fellowship 2022-23	UGC



PROF QOUMRUL HOQUE SCHOOL OF EDUCATION

Dedicated in the name of Prof. Quomrul Hoque, the renowned academician, educationist from Barak Valley whose untimely death created an indelible void in the education scenario of North East, Prof. Qoumrul Hoque School of Education at USTM was introduced in the year 2014. Prof. Qoumrul Hoque had laid down his life for the cause of education, his relentless struggle against all prejudiced notions that did not let people of the rural areas, especially the minority section, to be enlightened, educated, is noteworthy. He was a Lecturer of Nabin Chandra College, Badarpur and the Founder of a number of institutions including one B.Ed. College, Degree College and Junior College, who died in a conspiracy in September 1998. The University of Science and Technology Meghalaya had realized the importance of trained teachers and NE Region specifically needs a bunch of trained teachers who will guide our future generation. Prof. Qoumrul Hoque School of Education is an attempt to fulfill this vacuum. It had introduced two years B. ED course which is recognized by the National Council for Teacher Education, Eastern Regional Committee, Bhubaneswar), having an intake capacity of hundred students. Also, the school offers Ph.D. in Education under the adept guidance of expert educationists.

The department focuses over the research, including Primary education, Secondary education, Higher education, Teacher education, Psycho social, Educational achievement of learners, educational adjustment of students, Occupational aspiration of learners.

Departments

➤ Education

LIST OF FACULTY MEMBER

Sl No	Name	Designation
1	Dr. Gayatree Goswami	Professor
2	Dr. Kunja Kusum Kakati	Professor
3	Omar Hussain Mehdi	Professor
4	Dr. Saru Joshi	Associate Professor
5	Dr. Jerina Begum	Associate Professor
6	Dr. Rumpa Das	Assistant Professor
7	Ms. Sarmistha Choudhury	Assistant Professor
8	Mrs. Ali Bordoloi	Assistant Professor
9	Ms. Punita B. Deori	Assistant Professor
10	Ms. Himi Saikia	Assistant Professor
11	Ms. Rokono Rudupra	Assistant Professor
12	Md. Aynul Bari	Assistant Professor
13	Ms. Debashree Das	Assistant Professor
14	Ms. Mridusmita Neog	Assistant Professor
15	Dr. Bechan Singh	Assistant Professor
16	Dr. Zulfiqar Ullah Siddiqui	Assistant Professor

LIST OF PAPER PUBLICATION

Sl No	Title Of Paper	Name of The Author/S	Name of Journal	ISSN
1	Economic Issues Confronted By Bodo Women And Education	Dr. Saru Joshi	Kanpur Philosophers	2348-8301

2	Metacognitive Awareness Among University Teachers	Dr. Fariza Saidin Tajbina Yasin Dr. Sudeshna Nath	Juni Khyat	2278-4632
3	Preventive Method Of Education And Its Reverse Effects	Prof. K. Kusum Kakati	Journal Of Positive School Psychology	2717-7564
4	Re Evaluating The Pre-Historic Cultural Sequences And Finds In Manipur Based On The Available Sources	Dr. Saru Joshi	Kanpur Philosophers	2348-8301
5	Guidance Needs Of Secondary School Students: Gender Perspective	Prof. Gayatree Goswamee Sarmistha Choudhury	Juni Khyat	2278-4632
6	Experiential Learning In Schools: A Study In Guwahati City, Assam	Dr Saru Joshi	Juni Khyat	2278-4632
7	In-Service Teacher Training And Quality Improvement: Perception Of Teachers	Ali Bordoloi, Dr. Amit Choudhury	A Quarterly Refereed Journal Of Dialogues On Education	2278-2435
8	A Study On Utilization Of Ict Facility In School Administration In Secondary School Of Assam With Special Reference To Kamrup District	Prof. Jonali Chetia	Journal Of Positive School Psychology	4525-4535
9	In-Service Teacher Training And Quality Improvement: Perception Of Teachers	Ali Bordoloi	A Quarterly Refereed Journal Of Dialogues On Education	2278-2435
10	Quality Assurance And Accreditation Of Secondary Schools: Perception Of School Heads.	Ms. Ali Bordoloi	Bharatiya Shiksha Shodh Patrika	0970-7603
11	Utilization Of Information And Communication Technology (Ict) By Teacher In Secondary Schools Of Assam With Special Reference To Kamrup District	Prof. Gayatree Goswamee	Telematique	1856-4194
12	From Digital Divide To Digital Inequality: A Step Towards Digital Inclusion NEP 2020	Ms. Punita Borpujari Deori Prof. Thogiram Gogoi	PHALANX	2320-7698
13	Experiences And Issues Of The Elderly People Living In The Old Age Homes – A Study In The Greater Guwahati Area.	Dr. Sudeshna Nath Sarmistha Choudhury	PHALANX	2320-7698
14	Yoga Education And Mental Health Of Students.	Prof. Gayatree Goswamee Ms Sarmistha Choudhury	Journal Of The Oriental Institute	0030-5324
15	Discrimination Faced By Men And Women In Meghalaya: A Study Of Garo Hills District	Dr Saru Joshi	Kanpur Philosophers,	2348-8301
16	Challenges & Barriers Of Ict Integration In Teacher Education Institute	Dr Rumpa Das	Rabindra Bharati Journal Of Philosophy	0973-0087

17	A Reflection On Mental Health Challenges Among LGBTQIA+: A Review Study	Debashree Das	Education And Society शिक्षण आशण समाज	2278-6864
----	---	---------------	---	-----------

LIST OF BOOK/ BOOK CHAPTER PUBLISHED

Sl No	Name of The Teacher	Title of The Book/Chapters Published	Isbn Number of The Proceeding	Name of The Publisher
1	Dr. Saru Joshi	Challenged Children in School and Inclusive Education	9786204984773	Lambert Academic Publishing
2	Punita B. Deori	Neuro Pedagogy: A New Way to Teaching (A New Era of Educational Psychology "Multi-Disciplinary Edited Book")	978-93-91791-12-4	

LIST OF CONSULTANCY PROJECTS

Sl No	Name of The Scheme/Project/ Endowments/ Chairs	Name of The Principal Investigator/ Co Investigator (If Applicable)	Name of The Funding Agency	Type (Govt/Non-Govt)	Funds Provided (Inr In Lakhs)
1	Experiential Learning in Meghalaya: A Case Study of Ri-Bhoi District	Dr Saru Joshi	ICSSR (Major Research Project Scheme)	Govt	10
2	Capex And Seed Money to Introduce Fashion Technology		Meghalaya State Skill Development Society	Govt	4.81
3	Research Methodology Course		ICSSR	Govt	5.5

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name of Teacher	Name of Conference/ Workshop Attended For Which Financial Support Provided
1	Dr. Jerina Begum	4th APSPA International Conference on Sustainable Development Goal
2	Ms Punita B Deori	4th APSPA International Conference on Sustainable Development Goal

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

SI No	Name of The Workshop/ Seminar	Date
1	Skill Development for tools of career assessment and progression	31-10-2022 to 31-10-2022
2	Quality Assurance in teaching practices for Social Science Teacher of CBSE Affiliated Schools of Guwahati	29-10-2022 to 29-10-2022
3	Quality Education through Multidisciplinary and Holistic Approach	10-11-2022 to 10-11-2022
4	Quality Practices for Alcoholism and Drug Abuse Prevention in Social Education	11-01-2023 to 11-01-2023
5	MOOC's and digital initiative in higher education by government of India for quality online education	11-02-2023 to 11-02-2023
6	Prevalence of Value Education for Quality Education	03-05-2023 to 03-05-2023

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

SI No	Name of Teachers	Name of The Award	Name of The Awarding Agency
1	Dr Jerina Begum	International Research Awards on Science Technology and Management	VDGOOD Professional Association, Tamil Nadu



SCHOOL OF PHARMACEUTICAL SCIENCES

The school 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.

The School of Pharmaceutical Sciences, USTM offers research opportunities including the areas like Pharmacology and Toxicology, Pharmacognosy, Pharmaceutical Chemistry, Pharmaceutics, Pharmaceutical Analysis, Drug discovery, Neurosciences, Metabolic disorders, Molecular Biology, Microbiology, Pharmaceutical formulation, Pharmacology and toxicological studies, Herbal Technology.

Departments

➤ Pharmacy

LIST OF FACULTY MEMBER

SI No	Name	Designation
1	Dr. Pallab Kalita	Associate Professor
2	Dr. Sudarshana Borah	Associate Professor
3	Mr. Aditya Bora	Assistant Professor
4	Mr. Kamal Lochan Barman	Assistant Professor
5	Ms. Bhanita Das	Assistant Professor
6	Mr. Gaurav Kumar Bhargav	Assistant Professor
7	Mr. Rofiqul Islam	Assistant Professor
8	Mr. Pyrkhatlang Myrboh	Assistant Professor
9	Ms. Jayita Das	Assistant Professor
10	Abdul Kadir Jilani	Assistant Professor
11	Sm Abdul Aziz Barbhuiya	Assistant Professor
12	Rudra Prasad Adhikari	Assistant Professor
13	Nasrina Abdin	Assistant Professor
14	Ms. Mayble Mary Lyngkhoi	Assistant Professor
15	Kaynaz Hussain	Assistant Professor
16	Prasanta Deka	Assistant Professor
17	Arjina Mondal	Assistant Professor
18	Mohibul Ahmed	Assistant Professor
19	Trishna Mani Nath	Assistant Professor

LIST OF PAPER PUBLICATION

SI No	Title of Paper	Name of The Authors	Name of Journal	ISSN
1	Histological Findings Of Lasia Spinosa Extract In Arthritis Model	Dr. Sudarshana Borah Bhanita Das Kamal Lochan Barman Dr. Pallab Kalita Aditya Bora Innocent Sutnga	Asian Journal Of Biological And Life Sciences	2278-5957

2	Role Of Vitamin D In Targeting Cancer And Cancer Stem Cell Populations And Its Therapeutic Implications	Dr. Sudarshana Borah Kamallochan Barman Bhanita Das	Medical Oncology	1357-0560
3	Hptlc Finger Print Analysis And In Vitro Cytotoxicity Study Against A549 Cell Line For Methanol And Chloroform Extract Of Bark Of Erythrina Stricta Roxb	Abdul Aziz Barbhuiya	Research Journal Of Pharmacy And Technology	0974-3618
4	Methanolic Extract Of Entada Phaseoloides Inhibits Colorectal Carcinoma Cells Proliferation Of Ht-29 Cell By Modulating Mitochondria-Mediated Apoptotic Pathway	Abdul Aziz Barbhuiya	Research Journal Of Pharmacy And Technology	0974-3618
5	The Pharmacognostic Profiling Of Traditionally Used Medicinal Plants Of Northeast India And Evaluation Of Their In-Vitro Anti-Oxidant And Anti- Inflammatory Potential	Abdul Aziz Barbhuiya	Research Journal Of Pharmacy And Technology	0974-3618
6	Obesity And Its Pathological Aspects	Gaurav K Bhargav Dr Pallab Kalita	Journal Of University Of Shanghai For Science And Technology	1007-6735
7	Sesame Seeds: A Promising Anti-Diabetic Agent	Dr Pallab Kalita	International Journal Of Pharmaceutical Sciences And Research	0975-8232
8	Development Of Polyherbal Anti-Dandruff Formulation: An Approach To Green Cosmetics	Dr. Pallab Kalita	Journal Of Pharmaceutical Negative Results	0976-9234
9	Mitochondrial Dysfunction And Oxidative Strain In Alzheimer's Disease And Parkinson's Disease	Dr. Sudarshana Borah	Plos One	1932-6203

LIST OF PATENT GRANTED

Sl No	Name of The Patenter	Patent Number	Title of The Patent
1	Dr. Pallab Kalita	2.02022e+11	A Novel Herbal Formulation For The Prevention And Management Of Cardiovascular Disorder
2	Dr. Pallab Kalita	2.02241e+11	Anti-Fungal Cream Formulation And Evaluation With Nulembo Nucifera And Azadiracta Indica Leaves Extract.
3	Rofiquel Islam	2.02241e+11	Designingan Automated Iot Based High Density Quick Response Inhalers For Chronic Inflammatory Lung Disease

4	Rofiqul Islam	2.02241e+11	Systematic Approach To Study The Early Detection, Prediction And Diagnosis Of The Brain Stroke Through Six Sigma Methodologies
5	Dr. Sudarshana Borah	2.02022e+11	A System To Prepare And Study A Therapeutic Drug For Dementia And Other Neurological Disorders
6	Dr. Kamaleswar Boro	2.02241e+11	Framework For Service Quality Management To Ensure Customer Satisfaction In Modern Virtual Enterprises
7	Dr. Sudarshana Borah Kamallochan Barman Bhanita Das	2.02221e+11	A Biot Assembly With Wireless Communication And A Smart User Interface Having Xml Protocols
8	Dr. Sudarshana Borah Kamallochan Barman Bhanita Das	2.02211e+11	Developing The Next Generation Of Drug Delivery Technologies Using Nanoscale: Medicine To Agriculture
9	Rofiqul Islam	2.02241e+11	Deep Learning Based Drug Discovery Technique To Analyze The Impact Of Existing Drugs For Luekemia And Paving Way For New Efficacion Drugs
10	Rofiqul Islam	2.02241e+11	Artificial Intelligence Based Approach To Analyze The Therapeutic Effect Of Drugs That Are Obtained From Marine In The Treatment Of Cancer
11	Dr. Pallab Kalita, Gaurav Kumar Bhargav Abdul Kadir Jilani	2.02231e+11	Zebrafish Assessment Parameters In Neurobiological Studies
12	Gaurav Kumar Bhargav	2.02211e+11	An Effective Healthcare Monitoring System Based On Iot And Machine Learning To Track An Old Age Patient's Vitals
13	Aditya Bora	2.02022e+11	Novel Formulation Of Silymarin For Treatment Of Hepatitis
14	Dr. Sudarshana Borah	2.02231e+11	Greening The Pharmacy Shelves Reducing The Environmental Impact Of Medicines Manufacture
15	Dr. Sudarshana Borah Dr Pallab Kalita	2.02221e+11	Computational Approaches In Modifying The Inhibition Of Toll Like Receptor In Alzheimer's Disease Prognosis Using
16	Dr. Pallab Kalita, Gaurav Kumar Bhargav	2.02231e+11	Free Radicle Analysis Of "Kolakhar" Obtained From Musa Balbisiana
17	Gaurav Kumar Bhargav Jayita Das Pyrkhatlang Myrboh	2.02211e+11	A System For Secure Home Automation Through Speech Via Google Assistant Based On Iot, MI & Cloud Technology
18	Rofiqul Islam	2.02211e+11	Artificial Intelligence Based Approach To Study The Impact Of Topical Nano Adjuvants For Eradication Of Skin Cancer
19	Rofiqul Islam	2.02211e+11	Artificial Intelligence Based Approach Integrated With Imaging Techniques For Diagnosing Liver Disease
20	Dr. Pallab Kalita Gaurav Kumar Bhargav	2.02231e+11	Epigallocatechin 3 Gallate Inhibits Inflammatoryme Diators In Transgenic Zebrafish Model
21	Gaurav Kumar Bhargav	2.02211e+11	An Ai Based System And Process For Providing Rapid, Precise, Cardiac Care.

22	Dr. Sudarshana Borah	2.02221e+11	Computational Approaches In Repurposing Anti-High Blood Pressure Drug, Prazobind That Alters The Inhibition Of Rock2 Receptor In Suppressing Amyloid-Beta Production In Alzheimer's Disease Treatment
23	Kamallochan Barman Jayita Das	2.02022e+11	Novel Mechanism For Management Of Hepatotoxicity Using Morin Dihydro Loaded Micro Particles
24	Dr. Sudarshana Borah Aditya Bora	2.02022e+11	An Apparatus For Preparing Antimicrobial Herbal Handwash
25	Dr. Sudarshana Borah	2.02231e+11	Computational Approach To Inhibiting Alzheimer's Kelch-Neh2 Complex Using Malus Domestica Peels
26	Dr. Pallab Kalita Gaurav Kumar Bhargav	2.02231e+11	Pharmacotherapeutic Polyphenols Used Against Cognitive Declination In Down Syndrome
27	Dr. Pallab Kalita	2.02221e+11	System To Assess And Identify The Casualty Of The Wound Tissue Using Artificial Intelligence
28	Abdul Kadir Jilani	2.02022e+11	Solid Dispersion Of An Antifungal Drug In Gel Formulation For Improving Bioavailability.
29	Nasrina Abidin	2.02241e+11	Treatment With GnRh Antagonist For Prostate Cancer
30	Mr Rudra Prasad Adhikari Gaurav K Bhargav	2.02331e+11	Supersonic Goggles With Arduino Nano For Blind People
31	Ms Bhanita Das	2.02022e+11	Treatment Of Multiple Sclerosis Through Structural Modifications Of P2×4 Receptor (German Patent)

LIST OF BOOK/ BOOK CHAPTER PUBLICATION

Sl No	Name of The Teacher	Title Of The Book/Chapters Published	ISBN	Name Of The Publisher
1	Dr. Sudarshana Borah	Environmental Pollution And Biodiversity	978-93-5757-092-3	Scientific International Publishing House
2	Ms Bhanita Das	Practical Book Of Medicinal Chemistry Iii		Books Clinic Publishing

LIST OF CONSULTANCY PROJECTS

Sl No	Name of The Scheme/Project/ Endowments/ Chairs	Name of The Principal Investigator/ Co Investigator	Name of The Funding Agency	Type	Funds (Inr In Lakhs)
1	Designing Of A Water-Resistant Sustained Release Monoherbal Formulation For Anti-Aging Benefits	Kamallochan Barman Ms. Bhanita Das	DST- NGIEDC	Govt	2.5

2	Preparation And Standardization Of Immunostimulant (Formulation) From Bamboo Leaves Available In North-Eastern Region Of India	Dr Pallab Kalita Mr. Aditya Bora	DST- NGIEDC	Govt	2.5
3	Dietoecutical For The Famine Neighbourhood	Dr. Sudarshana Borah Dr. Pallab Kalita	DST- NGIEDC	Govt	2.5
4	Preparation And Standardization Of Chicken Flavoured Deworming Cookies For Dogs	Gaurav Kumar Bhargav Dr. Pallab Kalita	DST- NGIEDC	Govt	2.5

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name of Teacher Who Attended	Title of The Program	Duration
1	Abdul Kadir Jilani	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
2		Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
3	Mr. Aditya Bora	Online Weeklong Faculty Development Program on Academic Writing and Publication	10-05-2023 to 16-05-2033

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher	Name Of Conference/ Workshop Attended
1	Sm Abdul Aziz Borbhuiya	International Biosource conclave & Ethnopharmacology Congress

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

Sl No	Name Of The Workshop/ Seminar	Date
1	Importance of quality blood transfusion and its current perspectives in NER	19 -12- 2022 to 19 -12- 2022
2	Quality Pharmacy practices on Phytochemistry and its pharmacological implementation	19-12-2022 to 19-12-2022
3	Importance of quality blood transfusion and its current perspectives in NER	01-08-2022 to 01-08-2022

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

SI No	Name of Full Time Teachers	Name of The Award	Name of The Awarding Agency
1	Dr Pallab Kalita	Swachhta Sarathi Fellowship 2022	Office Of The Principal Scientific Adviser, Govt of India
2	Dr Sudarshana Borah	Womens Scientist Award	Indian Pharmacy Graduates Association
3	Dr Sudarshana Borah	Neuroscience Research Fellowship	Trialect Support, Thousand Oaks
4	Dr Pallab Kalita	Bentham Ambassador	Bentham Science
5	Dr Sudarshana Borah	Bentham Ambassador	Bentham Science
6	Dr Pallab Kalita	Certificate Of Appreciation	Unesco Association, Guwahati

SCHOOL OF ALLIED MEDICAL SCIENCES

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

The courses offer in the areas like Outpatients, Orthopaedics, Neurological rehabilitation, Cardiac disorders, Pulmonary disorders, Postoperative care, Intensive care, Paediatrics, Women's health, Care of the elderly, Mental illness, Learning difficulties, Occupational health, Terminal illness, Sports and Fitness.

DEPARTMENTS

- Physiotherapy
- Yoga

LIST OF FACULTY MEMBERS

SI No	Name	Designation
1	Dr. H. Islam	Professor
2	Dr. Pooja Chaudhuri	Associate Professor
3	Dr. Pooja Saikia	Assistant Professor
4	Kashyap Kumar Baruah	Assistant Professor
5	Dr. Bhargab Anand Sarmah	Assistant Professor

6	Abdul Mannan Laskar	Assistant Professor
7	Dr. Pranjali Baishya	Assistant Professor
8	Dr. Deepashree Deka	Assistant Professor
9	Ms. Tohmina Tomonna	Assistant Professor
10	Mr. Seleibam Monojit Sen	Assistant Professor
11	Dr. Jahnabi Das	Assistant Professor
12	Dr. Daisymon Deka	Assistant Professor

LIST OF PAPER PUBLICATION

SI No	Title of Paper	Name of The Author/s	Name of Journal	ISSN
1	Smart Health Rehabilitation In Palliative Care During The Covid-19 Era	Dr Pooja Chaudhuri	International Journal Of Palliative Nursing	1357-6321
2	Analysis Of Raw Chicken Meat For Microbiological Quality	Kashyap Kumar Baruah	Journal Of Postharvest Technology	2348-4330

LIST OF PATENT GRANTED

SI No	Name Of The Patenter	Patent Number	Title Of The Patent
1	Dr. Pooja Chaudhuri	2.02211e+11	Image Registration And Recognition Of Brain Images Captured Using Multiple Modalities For Early Detection
2	Dr. Pooja Chaudhuri	2.02211e+11	Machine Learning And Artificial Intelligence Based On Feedback Systems For Educational Institutions
3	Dr. Pooja Chaudhuri	2.02211e+11	Women Entrepreneurshi P Challenges, Planning And Strategy For Sustainable Growth In India
4	Dr. Pooja Chaudhuri	2.02211e+11	Method And Process To Improve The Digital Education System
5	Dr. Pooja Chaudhuri	2.02211e+11	Iot Based Health Monitoring & Automated Predictive System To Confront Covid-19
6	Dr. Pooja Chaudhuri	2.02211e+11	Development Of An Iot Based Health Monitoring System For E Health
7	Dr. Pooja Chaudhuri	2.02211e+11	Iot Based Wearable Device To Monitor The Signs Of Quarantined Remote Patients Of Covid -19
8	Dr. Pooja Chaudhuri	2.02211e+11	Iot Based Patient Monitoring System Using Sensors To Detectanalyze And Monitor Two Primary Vital Signs

9	Dr. Pooja Chaudhuri	2.02211e+11	IoT Based Remote Patient Health Monitoring System
10	Dr. Pooja Chaudhuri	2.02211e+11	Machine Learning Model To Identify Fake News For Covid-19 In Health Care System
11	Dr. Pooja Chaudhuri	2.02211e+11	Detection Of Fake News Text Classification On Covid-19 Using Deep Learning Approaches
12	Dr. Pooja Chaudhuri	2.02211e+11	Detecting False Information In Medical And Health Care Domains
13	Dr. Pooja Chaudhuri	2.02211e+11	Detection Of False Medical Reports Generated By MRI Machine Of X-Ray Using Machine Learning Techniques
14	Dr. Pooja Chaudhuri	2.02211e+11	Healthcare Misinformation Detection And Fact-Checking: A Novel Approach
15	Pranjal Baishya Pooja Saikia	2.02231e+11	A Device For Preventing Abnormal Synergy Patterns

LIST OF CONSULTANCY PROJECTS

Sl No	Name of The Scheme/Project/ Endowments/ Chairs	Name of The Principal Investigator/ Co Investigator	Name of The Funding Agency	Type	Funds Provided (Inr In Lakhs)
1	Low-Cost Tilt Table For Patients	Dr Pooja Choudhuri	DST-NGIEDC	GOVT	2.5

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher Who Attended	Title Of The Program	Duration
1	Ms. Pooja Saikia	7 Days Online Faculty Development Program On Digital Pedagogy - A Way Forward	18-07-2022 To 24-07-2022
2	Dr. Pooja Chaudhuri	One Week Faculty Development Program On Amazon Web Services	22-08-2022 To 27-08-2022
3	Dr. Pooja Chaudhuri	7 Day National Level Online Faculty Development Program On Outcome Based Education	10-05-2023 To 17-05-2023
4	Dr. Deepashree Deka	Online Weeklong Faculty Development Program On Implementation Of Nep 2020 In Higher Education Institution	26-04-2023 To 02-05-2023.

CONFERENCES/WORKSHOP/SEMINARS/ WEBINARS ATTENDED BY FACULTY MEMBERS

Sl No	Name Of Teacher	Name Of Conference/ Workshop Attended For Which Financial Support Provided
1	Dr. Pooja Chaudhuri	1. Assam physiocon 2023 National Conference of Physiotherapy 2. Patient Safety and Quality improvement developing systems view
2	Dr. Deepashree Deka	1. Assam physiocon 2023 National Conference of Physiotherapy 2. Online weeklong faculty development programme on implementation of NEP 2020 in Higher Education Institution
3	Dr. Jahnabi Das	Assam physiocon 2023 National Conference of Physiotherapy
4	Dr. Pooja Saikia	Assam physiocon 2023 National Conference of Physiotherapy

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

Sl No	Name Of The Workshop/ Seminar	Date
1	Skill Development in recent treatment of Osteoarthritis	08-09- 2022 to 08-09-2022
2	Entrepreneurship Opportunities in Antenatal and Postnatal Care	15-10- 2022 to 15-10-2022
3	Readiness Skills on Placement	21-10- 2022 to 21-10-2022
4	Skill Development in the Management of Stroke	29-10-2022 to 29-10-2022
5	Workshop on First Aid and CPR Training in association with Health Safety Environment Foundation, Guwahati	31-03- 2023 to 31-03-2023

UNIVERSITY SCHOOL OF LAW & RESEARCH

The University School of Law and Research is an 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.

The program is devised for students who want to gain in-depth knowledge and advanced studies in the domain. The programs have been uniquely designed in such a manner which provides an exposure to research problems in the field of Law.

Departments

➤ Law

LIST OF FACULTY MEMBER

SI No	Name	Designation
1	Dr. Subhram Rajkhowa	Professor
2	Dr. Mridula Devi	Associate Professor
3	Dr. Baharul Islam	Associate Professor
4	Dr. Shahnaaz Rahman	Assistant Professor
5	Ms. Khanjana Hazarika	Assistant Professor
6	Ms. Marphy Hiloidhary	Assistant Professor
7	Ms. Barnali Deka	Assistant Professor
8	Md Abdul Wadud Sk	Assistant Professor
9	Mr. Yasser Iftikar Rahman	Assistant Professor
10	Ms. Manjeera Saikia	Assistant Professor
11	Ms. Sanjukta Gogoi	Assistant Professor
12	Ms. Nashrat Majid	Assistant Professor
13	Dr. Priyanka Neog	Assistant Professor
14	Jayasree Singh	Assistant Professor
15	Ayanthi Banerjee	Assistant Professor

LIST OF PAPER PUBLICATION

SI No	Title of Paper	Name of The Author/s	Name of Journal	ISSN
1	A Critical Analysis On Judicial Accountability Of Subordinate Courts In India	Dr. Baharul Islam	Journal of the Asiatic Society of Mumbai	0972-0766
2	Sexual Harassment Of Women At Workplace In India: An Analytical Study	Barnali Deka	Kanpur Philosophers	2348-8301
3	Violence Against Children In The Wake Of Covid Pandemic	Marphy Hiloidhary	Kanpur Philosophers	2348-8301
4	A Study Towards Recidivism Of Sex Offenders	Barnali Deka Marphy Chetia	PHALANX	2320-7698
5	A Socio-Legal Study On Changing Dimensions Of Environment Pollution Control In India	Dr. Baharul Islam	Niu International Journal of Human Rights	2394-0298
6	Rights And Social Security For Workers In Unorganized Sector In India; An Assessment	Dr. Baharul Islam	Journal Of Education Rabindra Bharati University	0972-7175
7	A Study Of Criminal Liability Corporations Under International Criminal Law	Md Abdul Wadud Sk.	ANWESAK	0378-4568
8	Bhopal Gas Leakage: A Dark Phage Of Corporate Criminal Liability In India	Dr. Mridula Devi	CPJ Law Journal	0976-3562
9	A Study On Biological Theories Of Female Deviance A Key Role To Female Criminality	Ms. Barnali Deka	PHALANX	2320-7698

10	A Study On Juvenile Justice With Regards To Pocso Act 2012	Ms Marphy Chetia	PHALANX	2320-7698
11	Examining Social Exclusion In India: A Legal Perspective	Dr Baharul Islam	Ijfans International Journal Of Food And Nutritional Sciences	2319-1775
12	Kebang Of Arunachal Pradesh: An In-Depth Analysis of Its Role In The Administration Of Justice And Socio-Political Dynamics	Dr Baharul Islam	Ijfans International Journal Of Food And Nutritional Sciences	2319-1775
13	Examining The Judicial Independence And Separation From Executive In Arunachal Pradesh: A Legal Analysis	Dr Baharul Islam	Ijfans International Journal Of Food And Nutritional Sciences	2319-1775
14	Stateless And Human Rights: Exploring The Global Citizenship Crisis	Md Abdul Wadud Sk.	Kanpur Philosophers	2348-8301

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name of Teacher Who Attended	Title of The Program	Duration
1	Ms. Khanjana Hazarika	Online weeklong FDP on Academic writing and publication	01-11-2022 to 07-11-2022
2	Mr. Abdul Wadud Sk	“Ethics and Values in Indian Knowledge System”	06-06-2023 to 12-06- 2023
3	Ms. Barnali Deka	“Ethics and Values in Indian Knowledge System”	06-06-2023 to 12-06- 2023
4	Dr. Baharul Islam	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
5	Dr. Priyanka Neog	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
6	Dr. Manjeera Saikia	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
7	Nashrat Majid	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
8	Sanjukta Gogoi	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
9	Mr. Yasser Iftikar Rahman	Ethics and Values in Indian Knowledge System	06-06-2023 to 12-06- 2023
10	Dr. Daisymon Deka	Art of Writing Research Paper	22-05-2023 to 27-05-2023

CONFERENCES/WORKSHOP/SEMINARS/WEBINARS ORGANIZED BY THE SCHOOL

Sl No	Name Of The Workshop/ Seminar	Date
1	National Seminer On Intellectual Property Rights: Mapping Innovation Culture In	30-01-2023 to

	India	30-01-2023
2	Workshop On Quality Research On International Human Rights Law In Contemporary Era	09-01-2023 to 09-01-2023
3	Quality In Legal Education In The 21st Century	8- 09-22 to 8- 09-22
4	One Day National Workshop On Research Methodology On Quality Report Writing	22-10-2022 to 22-10-2022

NATIONAL/INTERNATIONAL AWARDS/RECOGNITION RECIEVED BY FACULTY MEMBERS

Sl No	Name of Full-Time Teachers Receiving Awards From State Level, National Level, International Level	Name of The Award, Fellowship, Received From Government or Government Recognised Bodies	Name of The Awarding Agency
1	Dr Mridula Devi	Presidential Award	Akhil Bharatiya Maarwari Juva Manch

SCHOOL OF LANGUAGE & CULTURE

The “School of Language & Culture” focuses on the promotion of the indigenous language and culture of the region. Initially the school is starting with the Masters programme in Khasi and Assamese under the two departments. It is an established truth that culture provides the environment in which languages are developed. As the entire North East is a mosaic of culture and languages, it is our solemn duty to preserve and develop its rich heritage along with the development of its people in academic as well as economic front. With the help of this particular School of study, USTM has the clear intention of communicating the values, beliefs and customs by knowing each other’s language and culture. With this aim in mind, the University is also planning to start capsule courses for the non-Khasis to learn Khasi, Non-Assamese to learn Assamese, Non-Garos to learn Garo etc. This will surely help in creating better understanding between the communities for a harmonious Society.

Departments

- Khasi
- Garo
- Assamese
- Hindi

LIST OF FACULTY MEMBER

Sl No	Name	Designation
1	Ibajanai Wanniang	Assistant Professore
2	Wandashisha Rymbai	Assistant Professore
3	Dusyansar Mawlong	Assistant Professore
4	Meghalin Sangma	Assistant Professore
5	Nambarin K Sangma	Assistant Professore

FDP/FIP/FAP/SDP ATTENDED BY FACULTY MEMBERS

Sl No	Name of Teacher Who Attended	Title of The Program	Duration
1	Ibajanai Wanniang	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023
2	Dusyansar Mawlong	Online Weeklong Faculty Development program on Implementation of NEP 2020 in Higher Education Institution	26-04-2023 to 02 -05- 2023

CENTRE FOR CAREER GUIDANCE (CCG)

The Career Guidance and Counselling Operations at the USTM has been an integral part of its academic vision and implementation. Since its inception, the University has sought to incorporate the best practices and agendas to realize the dual objective of providing necessary direction and training to enhance and secure the future of its students and at the same time, provide necessary counselling to the students as an enabling and assistive factor to make the right choices based on right aptitude, right assessment and right profiling.

Vision: The Center for Career Guidance provides relevant academic and career information to enable students to make informed decisions along the way. Our focus is to provide learning/training opportunities in the areas of academic, career and personal development and to prepare students to meet their future challenges. All students feel prepared to forge their own unique paths in which their values, interests and work align.

Mission: To empower students to develop the insights, experience and connections to pursue personally meaningful careers throughout their lives.

Objectives: The Center for Guidance Cell has been established in the college to provide guidance to achieve following objectives: -

- To provide guidance to the students on various options available in the course of their study
- To identifying and developing students' abilities and interests.
- To develop positive attitude and behavior in order to meet the required challenges.
- To create awareness among the students for their future Profession.
- To provide information to the students on the scope and relevance of any area irrespective of their field of interest.
- To recognize their strength and overcome the weaknesses.

The outcome is a robust symbiotic system that secures and thrives on the active support and participation of all the stakeholders to ensure the spirit of Kaizen i.e. constant improvement. The following units under this centre function in their respective focus areas

Counselling and Guidance Cell – Counselling Activities which include pre-admission counselling and post-admission counselling for academic progression and career related guidance.

Training and Placement Division – T&P activities include pre placement training, placement opportunity creation, coordination with employers and arranging campus placement drives.

University Finishing School – UFS focus is primarily on personality development and orientation of the students to enable them face the challenging world of employment.

ACTIVITY CALENDER

COUNSELLING AND GUIDANCE CELL (CGC) CAREER COUNSELLING SESSIONS:

Sl.No	Title of the Session	Resource Person	Department
1	Professional resume & portfolio writing	MR Nurmuhamud Ali	Business Administration
2	A winning resume and portfolio	MR Nurmuhamud Ali	Economics
3	Flight to a bright career	MR Nurmahmud Ali	Zoology
4	Career counseling for better professional future	MR Sankhadeep Roy	Computer Science & Electronics
5	Build the foundation of your career	MR Nurmahmud Ali	Sociology
6	Scope on agro entrepreneurship	Dr. Papiya Dutta	Rural Development
7	Mould your career as entrepreneur	Dr. Amit Choudhury	Chemistry
8	Flight to a bright career	MR Nurmahmud Ali	Physics
9	How to build your career	MR Abdul Wadood	Political Science
10	A resume that stands out	MR Nurmuhamud Ali	Botany
11	Preparing you for tomorrow	MR Nurmahmud Ali	Commerce
12	Preparation on competitive examinations	MR Pranjal Pratim Dihingia	Pharmaceutical Sciences
13	Highway to a bright career	MR Nurmahmud Ali	Political Science
14	Preparation for civil services examination	MR Shekhar Saikia, MR Bhaskar Deka	Applied Biology
15	Career paths: explore and define	MR Sudhanshu Kumar	Earth Science
16	First step for cracking an interview	MR Nurmahmud Ali	PQH School of Education
17	Resume for cracking an interview	MR Nurmahmud Ali	English
18	Career avenues in library & information sciences	MR Sudhanshu Kumar	Library & Information Sciences
19	Career goals: resume and portfolios	MR Nurmahmud Ali	Library & Information Sciences
20	Career choices after English literature	Dr. Garima Kalita	English
21	How to prepare for competitive exam	MR Sudhanshu Kumar	Mathematics

22	Placement awareness & job readiness	MRs NaMRata Talukdar	Commerce
23	Sustainability in job life	MRs NaMRata Talukdar	Computer Science & Electronics
24	Job readiness tHRoUGh campus placement awareness	MRs NaMRata Talukdar	Mathematics
25	Soft skills and its effect in day to day lifestyle	MRs NaMRata Talukdar	Library And Information Science
26	Soft skills and its effect in day to day lifestyle	Mrs Namrata Talukdar	Mathematics
27	Resume writing: its purpose and objectives	Md. Nurmahmud Ali	Applied Biology
28	Resume making & techniques	Md. Nurmahmud Ali	University School of Law & Research
29	Career planning: learn & grow	Mr Nurmahmud Ali	Economics
30	The road to success- strategies to build a successful career	Ms JayasHRee Deka	Chemistry
31	Evolving perception & self- made personality	Mr Nurmahmud Ali	Business Administration
32	Placement awareness & professional resume making	Mr Nurmahmud Ali	University School of Law & Research
33	Drafting a ideal resume	Ms. Mercy Borah	Applied Biology
34	Unlocking your potential: building a strong foundation for personal growth	Ms. Mercy Borah	Physiotherapy
35	Mastering the skills to stand out and succeed in job interview	MR Nurmahmud Ali	BA Administration and Governance

WORKSHOPS

Sl.No	Title of The Workshop	Resource Person	Department
1	How to crack interview	Rtn. Tarun Chandra Bordoloi Rtn.Swapan Jyoti Sarma Rtn.Atanu Kumar Chowdhury	All UG/PG
2	Confidence Building and Decision Making THRoUGh Interpersonal Skills	Dr. Jovial Kalita	All UG/PG
3	Importance of Soft Skills In Work Place	Dr. Jovial Kalita	All UG/PG
4	Effective Utilization of Verbal and non verbal Communication	Dr. Jovial Kalita	All UG/PG
5	Kinesics and Proxemics Communication	Dr. Jovial Kalita	All UG/PG

UNIVERSITY FINISHING SCHOOL (UFS) PROFESSIONAL SKILLS TRAINING SESSIONS:

Sl. No	Title of the Session	Resource Person	Department
1	Interview skills & strategies of effective interview	Mr Nurmahmud Ali	Rural Development

2	Significance of personality development	Ms JayasHRee Deka	English
3	Strategies to crack interview	Ms JayasHRee Deka	Political Science
4	Corporate grooming & behaviour	Ms JayasHRee Deka	Pharmacy
5	Effective communication skills: a catalyst for professional growth	Ms JayasHRee Deka	Zoology
6	The roadmap to a successful career	Ms JayasHRee Deka	Zoology
7	The right skills to ace an interview	Ms JayasHRee Deka	Physics
8	Make your resume stand out	Ms JayasHRee Deka	Physiotherapy
9	“Invest in a successful future: take the quality path”	Ms JayasHRee Deka	Commerce
10	Building a perfect resume	Mr Nurmahmud Ali	Earth Science
11	Resume writing	Ms JayasHRee Deka	Computer Science & Electronics
12	Developing a career plan & setting goals for personal growth	Ms JayasHRee Deka	Psychology
13	Fostering personal & professional growth	Ms JayasHRee Deka	Library And Information Science
14	Mastering the art of resume writing	Ms. JayasHRee Deka	Commerce

TRAINING AND PLACEMENT DIVISION (TPD)

SOFT SKILLS TRAINING SESSIONS:

Sl. No	Date	Title of the Session	Resource Person	Department
1.	05 November 2022	Readiness for campus placement	Mrs. Namrata Talukdar	Social Work
2.	10 November 2022	Group discussion procedure & technique	Mrs. Namrata Talukdar	Business Administration
3.	05 December 2022	Skill enhancement for campus recruitment drive	Mrs. Namrata Talukdar	Computer Science & Electronics
4.	13 December 2022	Preparation for campus placement drive	Ms. Bidisha Lahon	Applied Biology
5.	20 December 2022	Behavioral and communication skills	Mrs. Namrata Talukdar	B.A. Administration and Governance
6.	17 January 2023	The art of public speaking and speech deliverance for enhancing employability	Mrs. Namrata Talukdar	Economics
7.	24 January 2023	Goal setting- a systematic way of life	Mrs. Namrata Talukdar	Computer Science & Electronics
8.	30 January 2023	Dress code ethics: a better way of presenting yourself	Mrs. Namrata Talukdar	Business Administration

WORKSHOPS

Sl.No	Date	Title of The Workshop	Resource Person	Department
1	10 February 2023	Enrichment of employability for the UG students	Ms. Monisha Dutta Consultant Trainer	BSW/BCom/BBA
2	02 May 2023	Building a positive mindset as motivation for success	Shri A K Vashist, DIG Of NE Zone	BBA/MBA/B.Sc Physics/M.Sc Physics/BCA/MCA/B.Pharm/D.Pharm
3	09 May 2023	Workshop on data science	Nihar Kashyap, Programmer Analyst, Arun Hazarika, Digital Marketing Specialist, Tech Variable	BCA/MCA/B Tech CSE
4	Saturday, May 20, 2023	Registration of students on national career service	Ms. Manisha Gareri, Young Professional, National Career Services	All Meghalaya students of USTM
5	Saturday, May 29, 2023	Full stack web development	Mr Deepneel Majumdar, Master Trainer, Connecting Dreams Foundation	BCA/MCA/B Tech CSE
6	08 June 2023	Bridging the gap between academia and industry	MR Jiten Gogoi, Technical Manager (Cloudops) & MR Jeetjyoti Medhi, Lead Se (Cloudops), Zaloni	BCA/MCA/B Tech CSE AND EEE
7	09 June 2023	Banking for the weakest links: reaching at the bottom of the pyramid	Dr. Pinky Dutta, Faculty IIBM	BBA/MBA



CAREER COUNSELLING SESSIONS

Professional Resume & Portfolio Writing
26 May, 2022
Department of Business Administration



A Winning Resume and Portfolio
27 May, 2022
Department of Economics



Flight to a Bright Career
27 May, 2022
Department of Zoology



Career Counseling for Better Professional Future
28 May, 2022
Department of Computer Science & Electronics



Build the Foundation of Your Career
30 May, 2022
Department of Sociology



Scope on Agro Entrepreneurship
Date: 30 May, 2022
Department of Rural Development



Mould your career as Entrepreneur
Date: 31 May, 2022
Department of Chemistry



Flight to a Bright Career

Date: 31 May, 2022

Department of Physics



How to build your career

Date: 1 June, 2022

Department of Political Science



A Resume that Stands Out

Date: 2 June, 2022

Department of Botany



Preparing you for Tomorrow

Date: 3 June, 2022

Department of Commerce



Preparation on competitive examinations

Date: 3 June, 2022

Department of Pharmaceutical Sciences



Highway to a Bright Career

Date: 4 June, 2022

Department of Political Science



Preparation for Civil Services Examination

Date: 4 June, 2022

Department of Applied Biology



Career paths: Explore and Define
Date: 6 June, 2022
Department of Earth Science



First step for cracking an Interview
Date: 6 June, 2022
PQH School of Education



Resume for cracking an Interview
Date: 6 June, 2022
Department of English



Career Avenues in Library & Information Sciences
Date: 7 June, 2022
Department of Library and Information Science



Career Goals: Resume and Portfolios
Date: 9 June, 2022
Department of Library and Information Science



Career Choices after English Literature
Date: 10 June, 2022
Department of English



How to Prepare for Competitive Exam
Date: 13 June, 2022
Department of Mathematics



Placement awareness & job readiness
Date: 2 November, 2022
Department of Commerce



Sustainability in Job Life
Date: 5 December, 2022
Department of Computer Science & Electronics



Job Readiness through Campus Placement Awareness
Date: 15 December, 2022
Department of Mathematics



Soft Skills and Its Effect in Day-to-day Lifestyle
Date: 16 December, 2022
Department of Library & Information Science



Soft Skills and Its Effect in Day-to-day Lifestyle
Date: 16 December, 2022
Department of Mathematics



Resume Writing: It's Purpose and Objectives
Date: 7 February, 2023
Department of Applied Biology



WORKSHOPS

How to Crack the interview
Date: 14 June, 2022



Confidence Building and Decision Making
through Interpersonal Skills
Date: 28 June, 2022



Importance of Soft Skills in Work Place
Date: 28 June, 2022



Effective Utilization of Verbal and
nonverbal Communication
Date: 29 June, 2022



Kinesics and Proxemics Communication
Date: 28 June, 2022



University Finishing School

PROFESSIONAL SKILLS TRAINING SESSIONS:

Interview skills & Strategies of Effective Interview

Date: 22 February, 2023

Department of Rural Development



Significance of Personality Development

Date: 2 March, 2023

Department of English



Strategies to crack interview

Date: 3 March, 2023

Department of Political Science



Corporate Grooming & Behaviour

Date: 10 March, 2023

Department of Pharmaceutical Science



Effective Communication Skills: A Catalyst for Professional Growth

Date: 27 March, 2023

Department of Zoology



Career Counseling: The Roadmap to a Successful Career

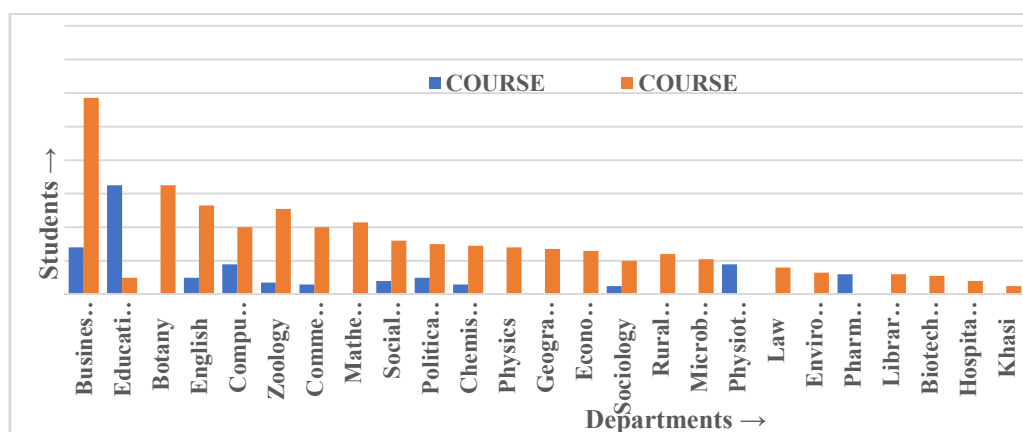
Date: 3 April, 2023

Department of Zoology

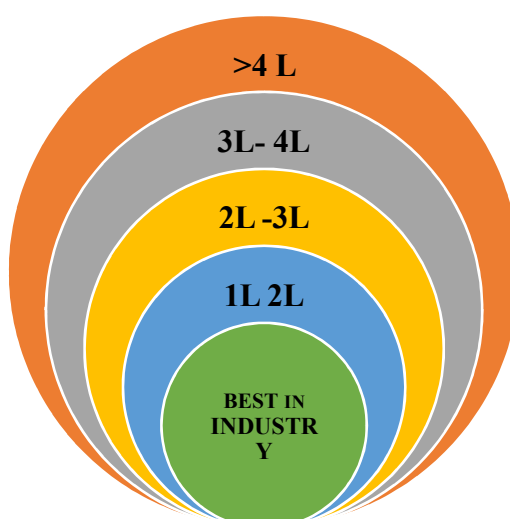


Training & Placement Division

EVENTS CONDUCTED BY THIS DIVISON



placement obtained by students from various departments (Course wise)



placement obtained by students from various departments
(Package wise)

SOME GLIPSES OF EVENTS

Name of the Company- Samsung
Date: 29 July 2022
All UG/PG



Name of the Company- Vantage Circle
Date: 10 August 2022
BBA/MBA/Any UG



Name of the Company- Extra marks
Date: 1 September 2022
MBA/BBA/M.Com/B.Tech



Tech Variable Pvt. Ltd.
Date: 9 September 2022
B.Tech CSE/BCA/BSc IT/MCA



Teleperformance Global Services Pvt. Ltd
Date: 17 October 2022
Any UG/PG



Bandhan Bank
Date: 3 November 2022
MBA/BBA



ADP INDIA (Global HR shared Services)
Date: 18 November 2022
BBA/B.Com/B.Sc/BCA/BSW



Aditya Birla Fashion & Retail
Date: 28 November 2022
MBA/B.Com



ICICI Prudential
Date: 25 January 2023
MBA



ICICI Bank
Date: 17 February 2023
MBA



Piramal Finance
Date: 21 February 2023
Any Graduate



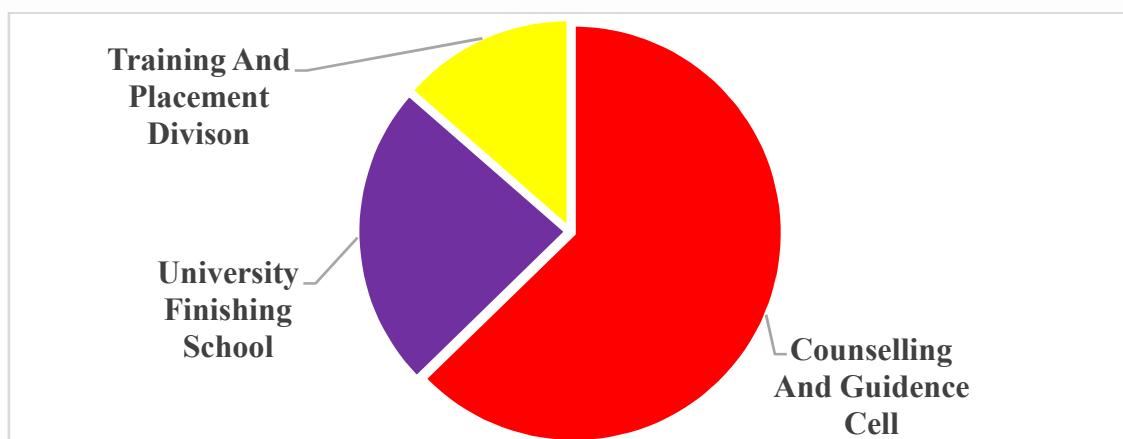
Bajaj Allianz Life Insurance Co. Ltd.
Date: 3 March 2023
MBA/M.Com/MA Economics



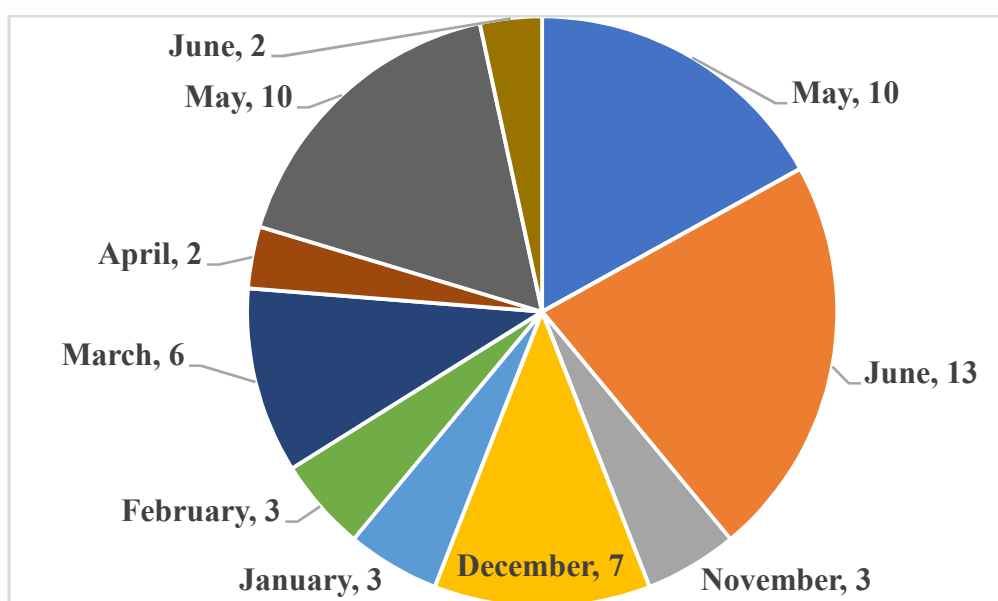
Marico
Date: 15 March 2023
B.Sc Chemistry/M.Sc
Chemistry/Biotechnology/Microbiology/MB
A



Exhibiting the Career Counselling and Training Sessions conducted under the three Divisions of Centre for Career Guidance in the year 2022-2023. These sessions aimed to equip participants with essential skills required in the job market. These sessions were designed to help students explore their career options, set goals, and make informed decisions about their professional paths.



Breakdown of the number of Counselling and Training sessions conducted by Centre for Career Guidance month-wise in the year 2022-2023. The sessions continued throughout the year, with each month featuring a specific number of counselling sessions, skill development workshops, and vocational training programs tailored to meet the evolving needs of the students.



PRESS RELEASE



STATE

USTM observes Commendation Day for recruited students



Assam CM
with The top

Assam Police

confronting with the top brass of the Asahi Press, including the Editor and the Managing Secretary, Horio and Nakajima, at the Asahi's Marunouchi headquarters. The main reason for the confrontation was the Chief Editor's strongly advocated policy of removing the dead wood from the newspaper's editorial desks, those with no ideas and with changes of allegiance against them. It was the force into a competitive and active enterprise. "A robust and energetic editor is the heart with a high state of fitness with no room for the dead weight," Horio said. "The editor must be a person of action, not a person of words."

GED School, Vice-Chancellor of the PK-12, Pre-V.C. in R.R. Sharma, Advisor. USIM also has more than 1000 students in the Central Academic as USIM. Addressing the newly placed students, Chancellor M. Hingorani said that selecting a good organization to work with is very important. In this context, Normalized N5, Director, Training & Placement Extension, USIM, said, "We had 56 recruits and assisted 100 more in the pipeline. A few prominent companies which joined our campus are TCS,

**Governor
Dharohar**

old temple. He was a successful pioneer of Shinnon culture. He was the President of Sri Bharataraibha Dargah, Sri Mahasabha for four decades and during this long tenure, he provided new impetus to the Malabar and his selfless service and dedication. He said that his

Life Insurance, Marine Insurance & many more." He stated that 450 students have got placed in corporate recruitment drive in this academic session. Shah Jahan Ahsan, who did BBA and was placed in a global HR company, ALP, said, "I feel grateful for the opportunities this university has provided me. From internships to industrial visits, I have gained practical insights into the corporate world. I would like to express my sincere gratitude to the Training & Placement

attends Divas



and culture. The Governor also said that Sethi was a devotee of softline social services. He contributed every moment of his life to charity and welfare of others. He was also the pioneer in establishing the name of women and youth power. He termed Mahila



TOP COMPANIES

**EXTRA
MARKS**

pickyourtrail

BRANDAXIS

**Tech
Variable**

BYJU'S

WE ASSIST
Insurance Claims Specialist

Teleperformance

ICICI Bank

**Piramal
Finance**

kotak life

BAJAJ | Allianz

**GARGYA
TOYOTA**

marico

**Narayana
Health**

**TATA
CONSULTANCY
SERVICES**
tcs

BALIPARA FOUNDATION

ARENESS

FEDERAL BANK

कृषक खलन रक्षणम्



**SUN
PHARMA**

Berger
Paint your imagination

Dutign



**The Goat Trust
TGT**

RHSS
Rainbow Home of Seven Sisters

SeSTA
SEVEN SISTERS DEVELOPMENT ASSISTANCE



SIMS
Sri International Model School

**integra
VENTURES**





CENTER FOR COMPETITIVE EXAMINATIONS

As one of the leading private Universities in North-Eastern India, USTM aims to provide guidance for all Public Service Commission Examinations and other competitive Govt. job recruitment examinations to bridge the gap between potential candidates and the guidance that they lack.

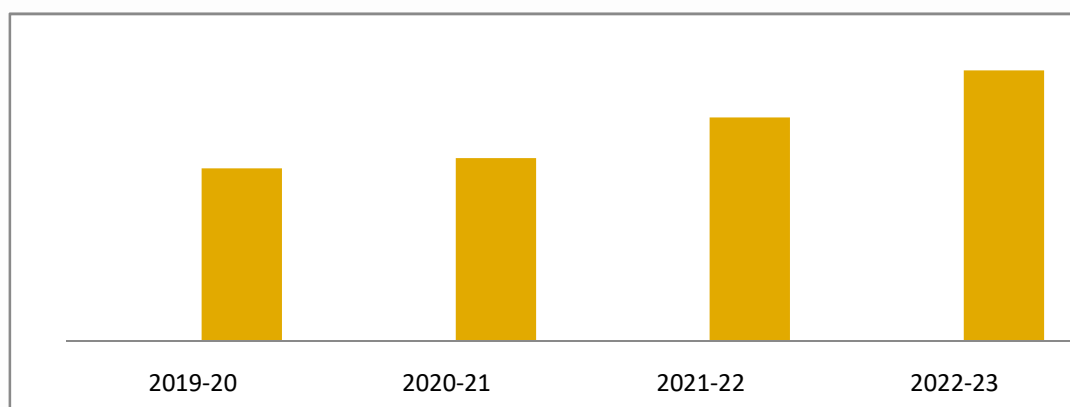
The Center for Competitive Exams (CCE), USTM emphasizes on inducing an atmosphere of competitiveness among the participants and aids the young minds to BE COMPETITIVE, CREATIVE & POSITIVE.

Center for Competitive Exams, USTM provides coaching classes for multiple state-level as well as national level competitive examinations not only to its own students but also to various job aspirants through the following four platforms –

1. **BA ADMINISTRATION AND GOVERNANCE**
2. **ALLIED SERVICES CELL**
3. **VISION 50 – An outreach initiative of USTM**

BA ADMINISTRATION AND 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.



ALLIED SERVICES CELL

Throughout the year, coaching sessions are arranged for USTM students as well as for various job aspirants from across the North East India for various competitive Central / State Govt. job recruitment examinations such as Bank PO, SSC and other officer level examinations. The participants are also provided training for Personal Interview as well as Group Discussion sessions which are needed at the time of interview.

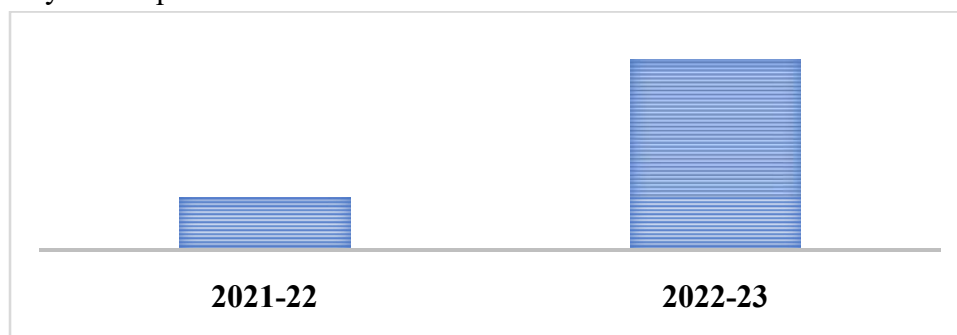


VISION 50 – An outreach initiative of USTM

Vision 50 Academy is empowered with exceptional Mentors who have mentored thousands of students across the nation to crack NEET, JEE & Civil Service examinations. Attracted by the Vision behind Vision 50 Academy, they chose to continue their journey of producing successful students with us leaving the best institutions in the country.

Vision 50 academy is a Brainchild of ERDF, the same foundation behind the first ‘A’ accredited private university of Northeast India - University of Science and Technology Meghalaya. Vision 50 academy came into existence with a simple vision, i.e., to help the students of the northeast achieve excellence in various competitive examinations.

Vision 50 Academy has a special focus on the competitive exam aspirants of northeast India, especially the meritorious and economically backward students who are otherwise deprived of the facility to compete for their dreams.



ACTIVITIES

Sl No	Activities and Programmes	Resource Person
1.	One Day Workshop on How to Crack Civil Services Examinations	Sri. N.K Vaid Director, VAIDS ICS DELHI
2.	One Day Workshop on How to Prepare for UPSC CSE	Sri. Pradeep Kumar IPS, Government of Assam
3.	One Day Interactive Session on Strategy to Crack Civil Service Examinations	Prof. D.P. Agrawal Former Chairman, UPSC
4.	Seminar On the Occasion of National Civil Services Day	Mr. Anand Mishra IPS, Govt. Of Assam
5.	Inter-Departmental Essay Competition on The Occasion of Founders Day	Pranjal Pratim Dihingia Joint Director, CCE, USTM
6.	Awareness Program on Civil Service Examinations Amongst the School Students	Pranjal Pratim Dihingia Joint Director, CCE, USTM
7.	School Awareness Program on Civil Service Examinations at Badarpur	CCE Team
8.	Seminar of Various Competitive Examinations	Pranjal Pratim Dihingia

	Conducted in Collaboration with Department of Commerce	Joint Director, CCE, USTM
9.	Seminar of Various Competitive Examinations Conducted in Collaboration USLR	Pranjal Pratim Dihingia Joint Director, CCE, USTM
10.	Guidance For Competitive Examinations Conducted In Collaboration with Department of Commerce	Pranjal Pratim Dihingia Joint Director, CCE, USTM
11.	Seminar Of Various Competitive Examinations Conducted in Collaboration with School Of Technology And Management	Pranjal Pratim Dihingia Joint Director, CCE, USTM

CENTER FOR INNOVATION INCUBATION AND ENTREPRENEURSHIP

EVENTS CONDUCTED BY THIS DIVISON

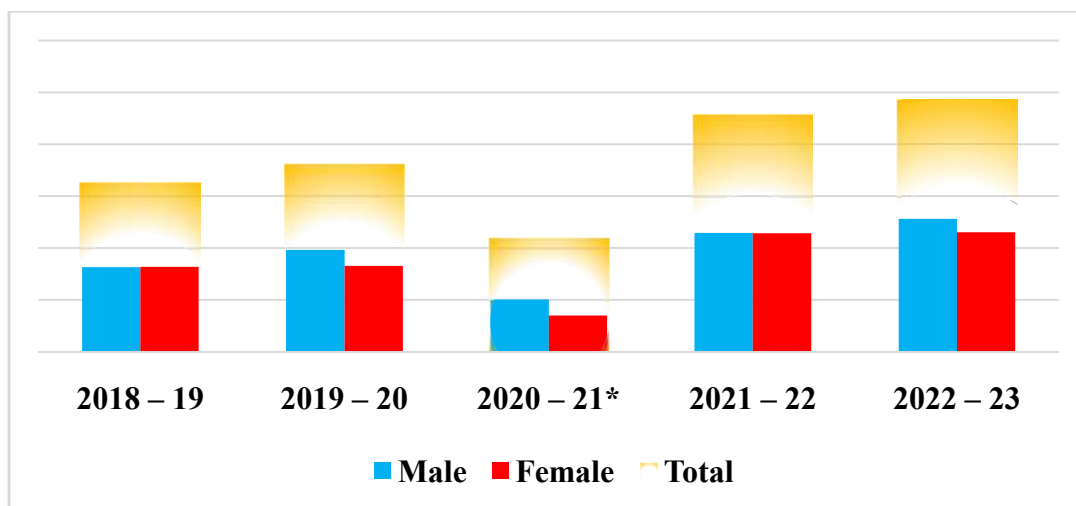


Entrepreneurship Awareness Camp (EAC)

Entrepreneurship Awareness Camp has been focused on sensitising the students of what services CIIE offers and aimed towards providing basic entrepreneurship training. Discussion on business ideas, problem identification, schemes and incentives offered by different agencies. This program is being conducted in different departments of USTM every year starting from 2017 till 2023 where the newly admitted students including both Under-Graduate and Post-Graduate students are sensitised in the realm of Entrepreneurship. Yearly participation of students in the Awareness Camp are shown in the Table below:

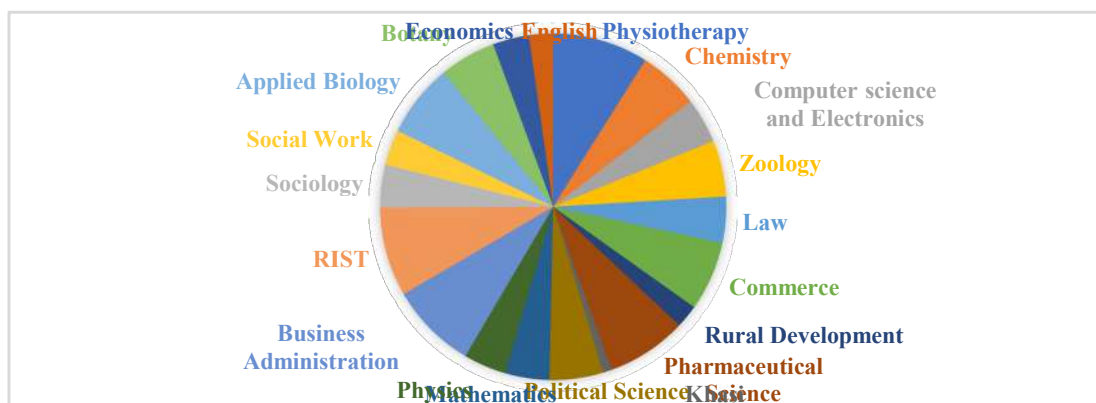
Year	Male	Female	Total
2018 – 19	326	327	653
2019 – 20	393	331	724
2020 – 21*	201	139	440
2021 – 22	458	457	915
2022 – 23	512	461	973
TOTAL	1890	1715	3705

*COVID – 19 outbreak



For the year 2022 – 23, a total of 973 students took part among which 512 were male and 461 were female and the detailed students' breakdown per department has been highlighted in the Table below:

Department	Male	Female	Total
Physiotherapy	46	41	87
Chemistry	28	27	55
Computer science and Electronics	24	17	41
Zoology	21	30	51
Law	29	13	42
Commerce	42	21	63
Rural Development	0	21	21
Pharmaceutical Science	41	32	73
Khasi	0	8	8
Political Science	22	27	49
Mathematics	17	23	40
Physics	19	20	39
Business Administration	41	38	79
RIST	59	22	81
Sociology	22	17	39
Social Work	18	14	32
Applied Biology	33	34	67
Botany	23	28	51
Economics	19	14	33
English	8	14	22
TOTAL	512	461	973



PHOTOES



Department of Zoology



Department of Rural Development



Department of Rural Development



University of Law & Research



Department of Business Administration



Department of Political Science



Department of Chemistry

Following these sessions interested students have come up to the center for further discussions on innovation and entrepreneurship. The details have been illustrated in the next section under brainstorming sessions.

BRAINSTORMING SESSIONS

Collaborative conversations with the interested students have been conducted and is still undergoing. In this regard, the students and their respective mentors have been informed and trained about different events and schemes available for innovation and entrepreneurship. Further, the ideation phase for different innovative ideas have been facilitated.

Additionally, the robotics club has been initiated to help interested students hone their technical skills and aid towards development of innovative ideas for prospective entrepreneurial activities.



Brainstorming Session with NGIEDC Students



Brainstorming Session with NGIEDC Mentors

PROJECT PROTOTYPE DEVELOPMENT

For each year, students are involved in developing a prototype for their proposed innovative idea from different disciplines *viz.* Pharmaceutical Science, Food Technology, Microbiology, Biotechnology, Mechanical Engineering, Computer Science, Physiotherapy, etc. Each students' group are allotted with a mentor specialized in that respective field. From 2017 – 23, the Center has developed 87 numbers of prototypes and the breakdown is shown in the Table below:

YEAR	PROTOTYPE
2018 – 19	10
2019 – 20	15
2020 – 21	20
2021 – 22	22
2022 – 23	20
TOTAL	87

A total of 20 numbers of prototype development has been initiated for the year 2022-23 under NGIEDC – USTM, the details of which are as follows:

Development and commercialization of “fruit bar” from fruits, available in North East India



Valorization of Betalnut Husk Available in Meghalaya, India



Designing of a water-resistant sustained release mono-herbal formulation for anti-ageing benefits



Green conversion of low value wastes into highly sought after rhamnolipid biosurfactant



Development of Ethno-medicinal Plant Based Insect Repellent Spray for Livestock



Converting Organic Waste Into High Value Products



Solar Powered Incinerator for Solid Waste Disposal



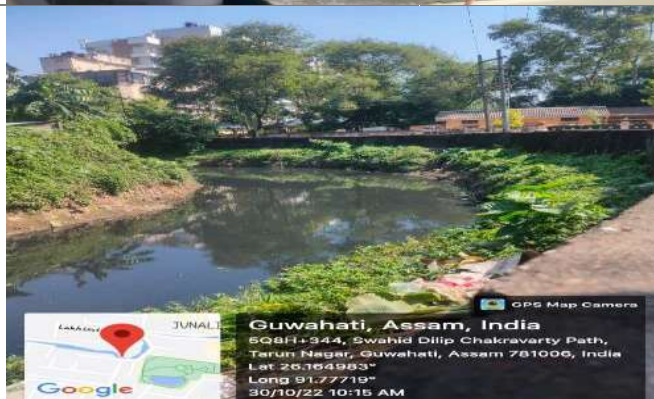
IoT (Internet of Things) Based Monitoring of Fermentation process parameters in Tea Industry.



Preparation and standardization of immune stimulant (formulation) from bamboo leaves available in NORTH-EASTERN region of India.



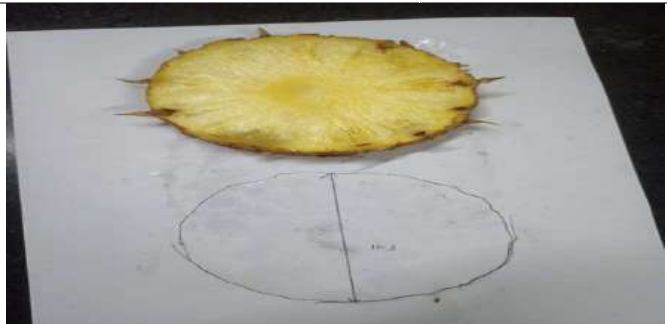
Mapping of Bharalu-Bahini river threshold points in Guwahati City and Design of a prototype of solid waste management mechanism in the City drainage system



Integrated Farming System Techniques for Sustainable Development



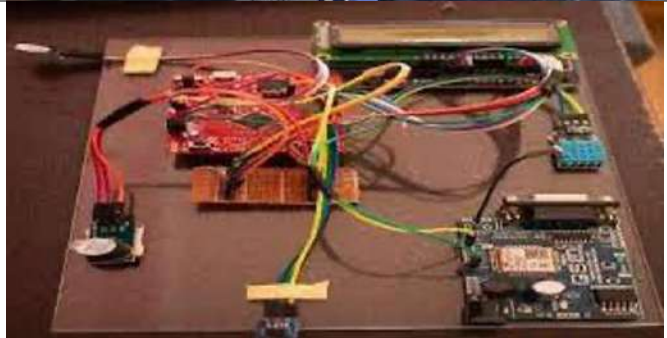
Development of Automatic Pineapple
Peeler and Cutter for Small Scale
Entrepreneurs



Anti-aging food supplement with fat
burning properties



IoT Based Cattle Silent Heat Detection
System



Dietoceuticals for the Famine
Neighbourhood



Combined Effects of Antibiotics and
Nutrients in Dog Biscuits for Treating
Bacterial Infections



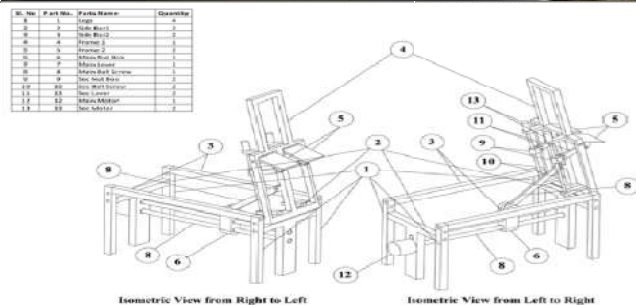
Soil Toxicity detector



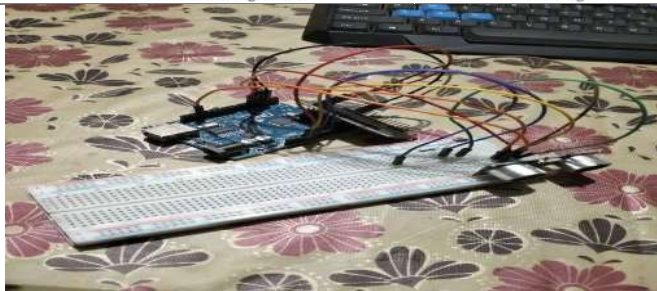
Preparation And Standardization Of Chicken Flavoured Deworming Cookies For Dogs



Low-Cost Tilt Table For Patients



Smart IV Infusion Monitoring System



START-UP

3 of our Student Prototype Teams has got their stratups registered and few more is under the process. The details of the registered Startuos are mentioned below:

Tosinindra Private Limited (CIN: U74999AS2018PTC018912)	Highlights of the Company/Start-up (Please include the following); Product: Non-conventional energy solutions (Solar powered processes) Investment: Rs. 1,00,000/- Employment generated: 5 Commercialized or not: Yes
Ennovate LLP (application still in process)	Highlights of the Company/Start-up (Please include the following); Product: Smart home appliances Investment: Rs. 1,00,000/- Employment generated: 10 expected to be employed within 1 year Commercialized or not: Under process

Poshe LLP (application still in process)	Highlights of the Company/Start-up (Please include the following); Product: Herbal tea and drinks Investment: Rs. 1,00,000/- Employment generated: 10 expected to be employed within 1 year Commercialized or not: Under process
--	--

ASPIRATIONAL DISTRICT PROGRAM

The program emphasizes the involvement of local communities and encourages innovative solutions to address the identified challenges. It also promotes decision-making and monitoring of key performance indicators to track progress and identify areas for improvement. The Aspirational District Program has witnessed the implementation of numerous projects and initiatives aimed at improving the quality of life for residents. These include initiatives to enhance infrastructure, provide access to quality education, facilitate skill development and entrepreneurship, improve sanitation and hygiene, and promote digital literacy.

CIIE organised this program in the year 2018 - 19 in 4 district of 4 different states viz. Chandel District of Manipur, Kiphire District of Nagaland, Namsai District of Arunachal Pradesh and West Sikkim District of Sikkim. A total of 656 numbers of participants took part in it and the breakdown of the same is shown in the table below:

District	Male	Female	Total
Chandel	78	88	166
Kiphire	70	73	143
Namsai	71	63	134
West Sikkim	87	126	213
TOTAL	306	350	656



Fig: Chandel District



Fig: Kiphire District



Fig: Namsai District



Fig: West Sikkim District

EVENTS ATTENDED

Global Entrepreneurship Summit – IIT Kharagpur



ANWESHAN Students' Research Convention



NEDFI visit by students



STUDENTS ACTIVITY CENTRE (SAC)

The USTM Students Activity Centre is constituted with a group of selected students in the year 2014 with an aim to make the students participate in the development of the Institute and develop their career, personality and organizational skills through interactive programs with the faculty, administration and society. The selected portfolio holders are the student leaders participate in the planning and assist the administration and faculties to organize/conduct various events and rallies. They also assist administration with events for the local community such as planation drives, welfare activities, blood donations campaigns, etc. Student council members bring ideas, requests, and feedback to the meetings and a democratic process is used to give students a voice and make decisions. Students who participate in student councils, under the supervision of Director Students Affairs, learn about the democratic process, civic responsibility, leadership, problem solving, and teamwork. The key points of this Centre are listed as

- ▶ Students Forum
- ▶ Cultural Forum
- ▶ Sports Forum
- ▶ Quiz Club
- ▶ Debate Club
- ▶ Event Management Forum
- ▶ USTM Alumni Association (USTMAA)
- ▶ Help First Team (HFT)

MAULANA AZAD CENTRAL LIBRARY

The Central Library of the University of Science and Technology, Meghalaya (USTM), consecrated in the name of Maulana Azad Central Library came into being in the year 2011. The Library sets the goal of a world class library by integrating information sources and services across disciplines in one umbrella by building a sound and comprehensive collection of both print and electronic resources on all branches of knowledge with a robust hi-tech infrastructural facilities and to redesign and revamp the systems and services in efficient, effective , and dynamic ways tailoring to meet the myriad information needs of students, research scholars, and faculty members of the university pin-pointedly, exhaustively and expeditiously anytime during library hours for promoting academic excellence. The Library is named as Maulana Azad Cental Library after the name of Abul Kalam Azad, the first education minister of independent India, the man who introduced national education system with free primary education and modern institutions of higher education. Maulana Azad is also credited with the establishment of the Institute for national importance like Indian Institute of Technology (IIT) and the foundation of the University Grant Commission (UGC), an important institution to supervise the Universities. Maulana Azad Central Library supports the teaching, research and extension programs of the university. All students, faculty members and research scholars and employees of the university are entitled to make use of the library facilities on taking library membership. The Library having a collection of more than eighty thousand volume of books on Applied Sciences, Biological Sciences, Business Sciences, Education, Engineering and Technology, Social Sciences and Humanities, offers library services through its various sections. The Library has now been catering to needs of more than 5000 students, research scholars, faculty members, administrative and non teaching staff of the university. With the developments in Information and Communication Technologies, the behavioral characteristics of the library users have been changing rapidly and the library is trying its best to adapt with the technological advancement by digitization of the library. The identity of all books and the library users are fully bar-coded and all Library house-keeping operations like, acquisition, cataloguing, circulation and periodicals services have been automated with the help of Koha.



Table: Number of books and journals (Department wise)

SL No	Department Name	Books	Journals
1	Business Administration	7383	3
2	B. Ed (PQHSE)	5828	1
3	Competitive Exam	5338	0
4	Pharmaceutical Sciences	4451	1
5	English	4321	1
6	Law	3863	1
7	Chemistry	3665	1
8	Zoology	3064	1
9	Biotechnology	3020	1
10	Computer Science & Electronics	2872	2
11	Physics	2710	1
12	Economics	2653	1
13	Sociology	2576	1
14	Botany	2521	1
15	Mathematics	1999	3
16	Physiotherapy	1938	1
17	Political Science	1836	2
18	Commerce	1715	2
19	Geography (Earth Sciences)	1684	2
20	Social Work	1619	1
21	Environmental Sciences	1036	1
22	Psychology	923	1
23	BA Administration and Governance	668	2
24	Library and Information Sciences	537	2
25	Food Science & Technology (Applied Biology)	450	4
26	Rural Development	424	1
27	Miscellaneous/ Research Methodology	354	0
28	Microbiology	350	2
29	Education	287	1
30	Khasi	229	0
31	Assamese	208	0
32	Medical Laboratory Technician	84	1
33	Garo	55	0
34	Yoga	30	0
35	IA Ayurvedic Medical College	4086	1
36	Regional Institute of Science & Technology	23046	2

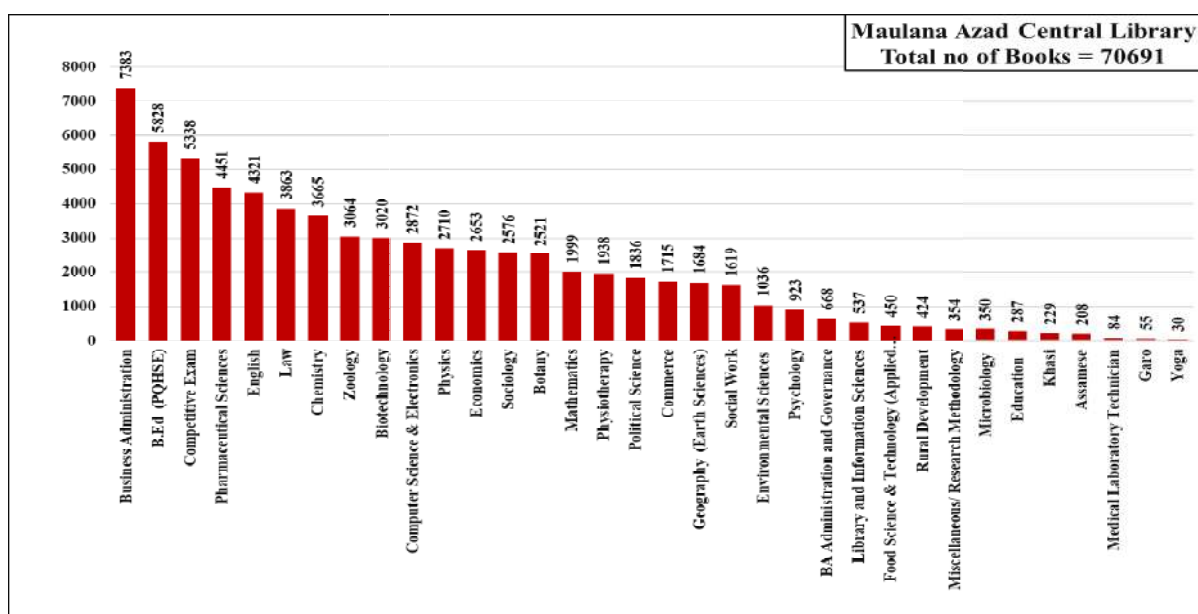
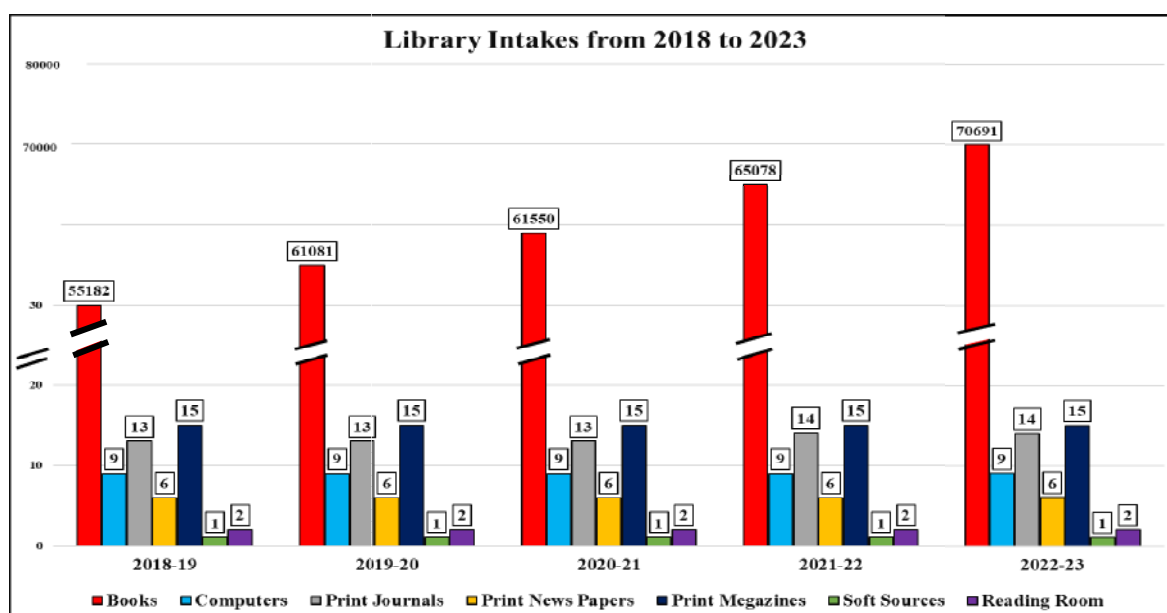


Table: Library Intake From 2018-2023

Resources	2018-19	2019-20	2020-21	2021-22	2022-23
Books	55182	61081	61550	65078	70691
Computers	9	9	9	9	9
Print Journals	13	13	13	14	14
Print News Papers	6	6	6	6	6
Print Magazines	15	15	15	15	15
Soft Sources	IBM SPSS	IBM SPSS	IBM SPSS	IBM SPSS	IBM SPSS
Reading Room	2 Seating Capacity=85	2 Seating Capacity=85	2 Seating Capacity=85	2	2

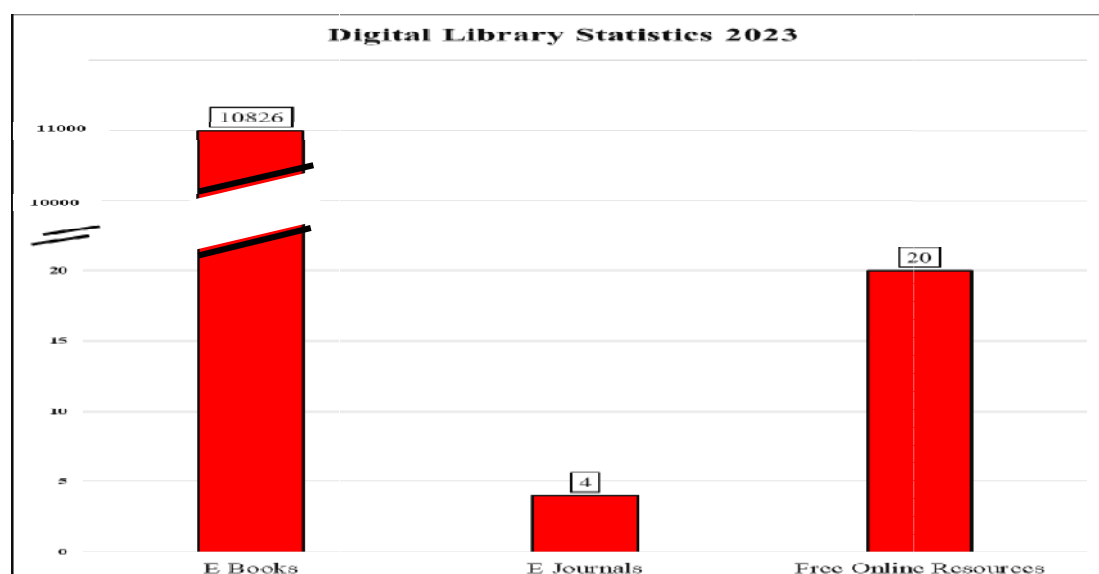
Total Vol of Books = 70691 (MACL)

Total Title = 22750 (MACL)



Digital Library

E-Learning Websites



Departmental Library

Sl No	Department	Location
1	Physics	Block C
2	Business Administration	Block C
3	Computer Science & Electronics	Block C
4	Applied Biology	Block E
5	Botany	Block F
6	PQHSE	Block G
7	Commerce	Block G
8	Economics	Block G
9	Rural Development	Block G
10	Social Work	Block G
11	Sociology	Block G
12	English	Block G
13	Chemistry	Block H
14	Earth Science	Block H
15	Library and Information Sciences	Block H
16	Mathematics	Block H
17	Khasi	Block H
18	Assamese	Block H
19	Zoology	Block I
20	Physiotherapy	Block J
21	Pharmaceutical Sciences	Block K
22	Political Science	Block K
23	Law	Block L
24	BA Administration and Governance	Block L

CULTURAL FORUM

University of Science and Technology, Meghalaya (USTM) has a very beautiful and excellent cultural environment. Students from different states show different cultures which make it a better place indeed. On that note the Cultural Forum of USTM has been formed (May, 2014) which champions culture and creativity and beyond. It aims to encourage cultural enterprise, promote cultural literacy and provide cultural leadership. Cultural forum is also a framework for analyzing how the culture and its various facets affect student community as well as the society. It plays a vital role in organizing cultural events namely North East Graduate Congress, Varsity Week, Rashtriya Ekta Divas, Freshman Social & talent Hunt, Annual Social/alumni Gathering. Besides this, members of the forum constantly help and assist others in organizing events such as Independence Day, Republic day celebrations, significant days of Meghalaya and Assam, Christmas, Bihu celebrations etc.



SPOTLIGHT OF INDOOR ACTIVITIES

Starting from music, dance to theatre, Cultural Forum encourages its students to actively engage in countless of cultural events whether taking place on or off campus. Cultural activities are much more beneficial than they seem. These activities play a vital role in shaping the passion and interest of the students, apart from the academics.



Inter Departmental Mehendi Competition on 19th November, 2022 Competition was held among the students of USTM where nearly 40 students have taken active participation.

Inter Department Speech Competition on Founders day
1st December, 2022



Bhupendra Sangeet Competition on 5th November, 2022



Western Vocal Solo Competition on 21st November, 2022



Children's Day Celebration on 14th November, 2022



Celebration of the Birth Anniversary of
Dr. Bhupen Hazarika on 8th September, 2022



Pre- Diwali Celebration on 22nd October, 2022



Cultural Showcase on 26th September, 2022



Topper's Felicitation: 2022- Assam on 5th July, 2022



International Seminar on Advances in Entrepreneurial Botany on 28th October 2022



Photo Album Competition on 1st December, 2022



Republic day Celebration on 26th January, 2023



Saraswati Puja Celebration on 26th January, 2023



Parakram Divas on 23rd January, 2023

SPOTLIGHT OF OUTDOOR ACTIVITIES

Yuva Pratibha- 36th Inter-University North-East Zone Youth Festival
organized by the University of Science and Technology Meghalaya (USTM) under the Aegis of
the Association of Indian Universities New Delhi (AIU)



It was held from 4th to 8th January 2023 where total 15 Universities have taken part in the festival and there were total 28 events that took place at different venues in the campus for 5day long concluding with a Valedictory Session where Dr. Baljit Singh Sekhon, Joint Secretary, Youth Affairs and Sports AIU were present as a Chief Guest.

47th All India Sociological Conference



A Cultural Program was organized on 20th Dec, 2022 by the Cultural Forum, USTM for 47th All India Sociological Conference by the department of Sociology at the University of Science and Technology Meghalaya where near about 200 students of USTM have showcased their talents through their performances- songs, dance, poetry etc.

Foundation and Laying Ceremony of Medical College and Hospital



A Cultural Showcase has been organized on 3rd October 2022 on the occasion of the Foundation and Laying Ceremony of Medical College and Hospital in the University of Science and Technology Meghalaya. The guest who witnessed the Cultural Program was Madam Rhonda Vetere, Technology Industry Expert and Chief Minister of Meghalaya Conrad Sangma. Students of Cultural Forum have showcased the 8 states of North East India along with various festivals of India.

Rastriya Ekta Divas



A Rastriya Ekta Divas has been celebrated on 31st October 2022 in the University of Science and Technology Meghalaya which is known as National Unity Day. On this day students of USTM belonging from different tribes and traditions have come together to deliver their unity through their performances.

Celebration of 76th Independence Day Azadi Ka Amrit Mahotsav



A Cultural program has been organized on 15th August 2022 on the occasion of India's 76th Independence Day and celebrating Azadi ka Amrit Mahotsav in the University of Science and Technology Meghalaya. The guest who witnessed the Cultural Program was Dr. Abdulaziz Al Musallam, Chairman of Sharjah Institute for Heritage, UAE. USTM celebrated the event with the Cultural Program on showcasing the Cultural Diversity of North East India, Folk Dances of Assam, Manipuri Classical Dance, Patriotic Songs and dances, etc.

USTM Media Conclave- 2022



A USTM Media Awards has been organized on 9th July 22, where the USTM Media Achiever Award-2022 has been given to 5 topmost journalists and USTM Media Excellence Award- 2022 to 2 Smt Anuradha Sarma Pujari, Editor, Sadin and Pranay Bordoloi, Editor in chief, Da News Plus. On that event, the students of cultural forum have presented a Welcome song which is the theme song of the University and the program ended with National Anthem sung by all present in the Auditorium.

Achiever's Award 2022



Achiever's Award 2022 was organized on 19th Dec, 2022 by Pratidin Times in the University of Science and Technology Meghalaya where the Former President of India Shri Ramnath Kovind and Chief Minister of Assam were invited as the Guest of Honor. In the occasion of welcoming the delegates, Cultural forum has organized an 8 states cultural welcome by showcasing their traditions and playing their own instruments.

Asia Pacific Peace Research Association (Appra) International Conference 2022



The Asia Pacific Peace Research Association (APPR) in collaboration with University of Science and Technology Meghalaya has organized its International Conference 2022 on the theme "Redefining Peace Towards a Just, Non-Violent, and Sustainable Future of the World" on 10th Oct to 12th Oct 2022.

Prag Prerona Awards 2023



On the occasion of Prag Prerona Awards 2023 a cultural program was organized in the Central Auditorium USTM, where Padma Shri Dr Kavita Krishnamurthy, popular Bollywood playback and Classical singer, being felicitated by Honorable Chancellor, USTM.

Spotlight of Outdoor Activities



CENTRAL ACTIVITY



Workshop on Intellectual property rights



Seminar on Rehabilitation of Individuals with multiple disabilities



National Seminar to modern approaches to research methodology



Mobile legal house conducted by USLR at CJM court



Human rights in contemporary era



Role of IQAC: workshop with principals of 30 UGC affiliated colleges of Assam



99 students qualified NET-GATE: Fee to be refunded under pay-back policy

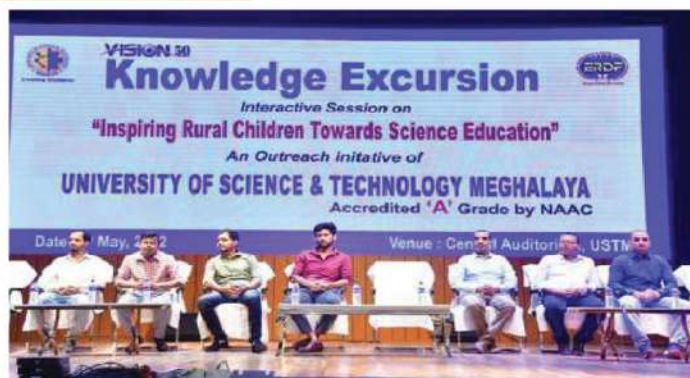


Prevention of Wildlife-crime: Workshop by USTM and Aaranyak

CENTRAL ACTIVITY



Workshop on skill-development in Mathematical application



Knowledge Excursion to promote rural talent



Guwahati Bhaona Samaroh-2022



National seminar on Business Sustainability



Workshop on Research Ethics



Workshop on Quality Paradigm



USTM donates quality furniture to Gov school at Kahilipara



Meghalaya Chemistry Olympiad-2022

CENTRAL ACTIVITY



Workshop on skill-development in Mathematical application



Knowledge Excursion to promote rural talent



Flood relief by USTM



National seminar on minority rights and gender justice in India



Advanced research centre (ARC) inaugurated at USTM



5 day long exhibition on Plasma Physics



HS toppers are felicitated by USTM

CENTRAL ACTIVITY



**Rhonda Vetere to represent USTM as
Global Ambassador**



Hands on training programme on LMS-MOODLE



Teachers Day talk



**National Seminar on Quality in Legal Education
in the 21st Century**



Plantation Drive on Jorbil Village



**Asteroid Detection workshop under
ISRO's SPACE programme**



Faculty members are awarded for their research works

CENTRAL ACTIVITY



97th National Conference of Vice-Chancellors-2023 inaugurated at USTM by the former president of India



47th All India Sociological Conference hosted



Foundation of PA Sangma International Medical college & hospital laid



International workshop sustainability and climate change in the water space of NE



36th AIU Inter-University NE Youth Festival YUVA PRATIVA



International seminar on Entrepreneurial Botany and sustainable development



International conference by APPRA, IPSA & USTM

CENTRAL ACHIEVEMENT



**USTM receives Education Eminence award
2022-Best private university of NE**



**USTM vice chancellor takes charges
as AIU vice-president**



UNESCO Community Excellence award to USTM



**United Nations RC declared USTM
"Centre of Excellence"**

OTHER ACHIEVEMENT



Arohan Surya Sikha Award

On 7th February 2023, the Hon'ble Chancellor Shri M Hoque accepted the "Arohan Surya Sikha Award" for outstanding contribution in the field of education from the hands of Hon'ble Ministers of Assam Shri. Bimal C. Bora and Shri. Jogen Mohan. The award was conferred by the Arohan Foundation at a program titled Sanskritik Samaroh held at PWD Convention Centre, Dispur, Guwahati.

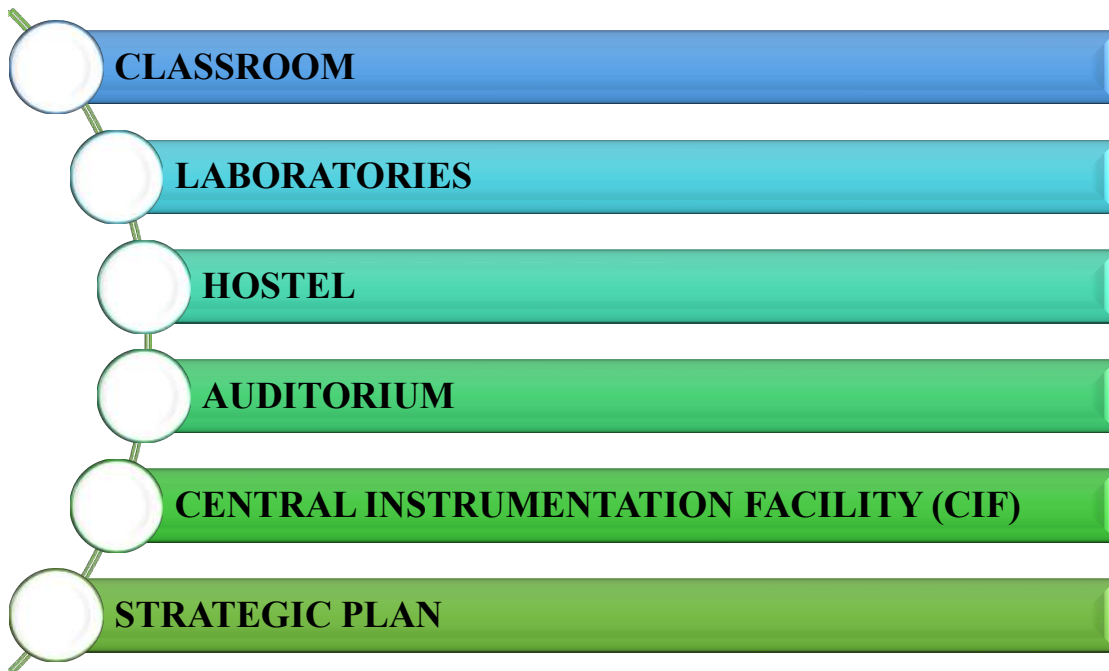


USTM VC awarded Diamond Leader of Asia

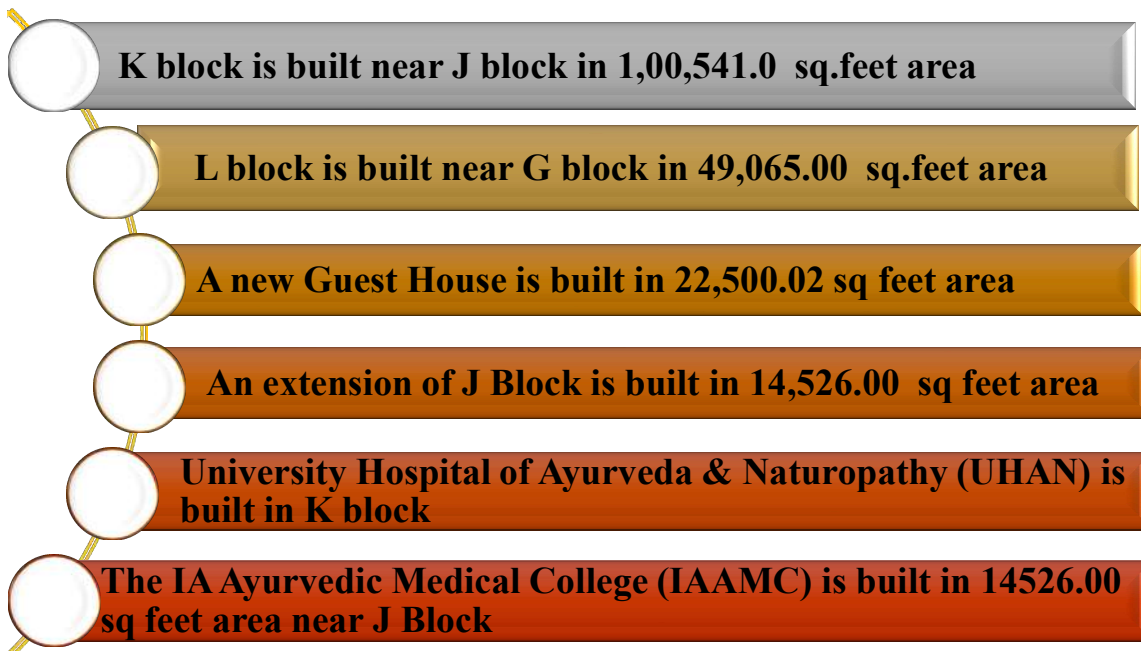


Prof G D Sharma received Education Excellency Award

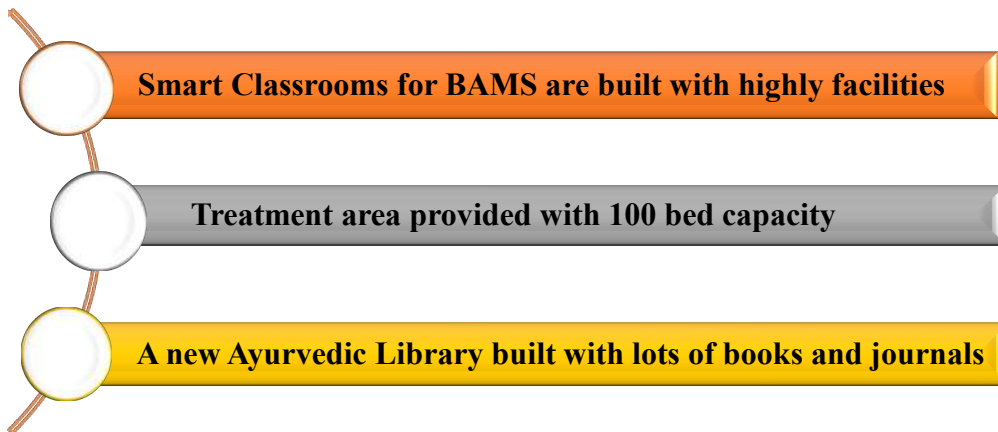
INFRASTRUCTURE



INFRASTRUCTURE CREATED



OTHER UPGRADATION



STRATEGIC PLAN IN BRIEF

USTM has accordingly identified three stages of its growth trajectory as Silver, Bronze and Gold with progressive development and up scaling of goals and priorities.



A key feature of our priority in the second growth stage of Mission Bronze is to carry out cutting edge research into medical and scientific breakthroughs and innovations. Accordingly, we have envisaged that well before the institutional deadline of 2025, our mission to establish a cutting-edge medical facility and institution shall be realised gradually from 2021 onwards with gradual development and culmination by 2025.



Master Plan



Proposed Hospital Block

VISION FOR DIGITAL TRANSFORMATION

We have already incorporated and adopted best practices such as Learning Management Systems, MOOCs and E-education to a considerable degree through capacity building of human and infrastructural resources.



Through proper articulation, stakeholders' involvement and collective, convergent action, our vision of emerging as a world class institution through unveiling excellence is a milestone waiting to be unveiled through our pursuit of excellence and innovation.



SCHOLARSHIP

Table: Average percentage of students benefited by scholarships, free ships, etc. provided by the institution, Government and non-government agencies (NGOs)

Name of the scheme	Number of students benefited by government scheme	
	Number of students	Amount in INR
Institution Scholarship	876	Rs. 3,32,70,000
GOV Scholarship	823	Rs. 81,14,090
Non-GOV Scholarship	250	Rs. 10,00,000
Total	1949	Rs. 4,23,84,090

Graph: Average percentage of students benefited by scholarships, free ships, etc. provided by the institution, Government and non-government agencies (NGOs)

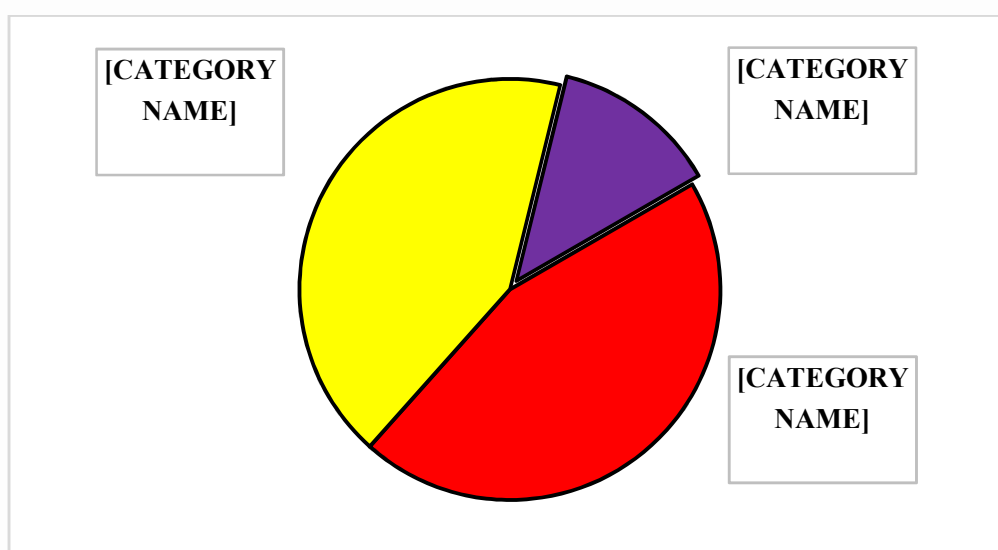


Table: Average percentage of students benefited by scholarships, free ships, etc. provided by Government agencies

Name of the scheme	Number of students benefited by government scheme	
	Number of students	Amount in INR
UGC Scholarship (Ishan Uday-Spl. Scholarship Scheme for North Eastern Region)	15	
UGC Scholarship (PG Indira Gandhi Scholarship for Single Girl Child)	7	
PG Scholarship Scheme for Sc St Students for Persuing Professional Courses	4	
PG Scholarship for University Rank Holders (Ist And IInd Rank Holders)	1	
Arunachal Pradesh State Stipend Scheme	7	
Post Matric Scholarship for Students with Disabilities	1	
PM Yashasvi Post Matric Scholarship for OBC Students Manipur	3	
Post Matric Scholarship for ST Students-Manipur	5	
Post Matric Scholarship for SC Students - Assam	3	
Post Matric Scholarship to OBC Students - Assam	60	
Post Matric Scholarship to ST Students - Assam	21	
Post matric Scholarship for OBC Students Tripura	1	
Financial Support to the Students of NER for Higher Professional Courses (NEC Merit Scholarship)	9	
Umbrella Scheme for Education of St Children - Post Matric Scholarship (Pms) for ST Students- Tripura	45	
Centrally Sponsored Post Matric Scholarship for SC Students Manipur	2	
Umbrella Scheme for Education of St Children - Post Matric Scholarship (Pms) for St Students- Meghalaya	352	
Umbrella Scheme for Education of St Children -Post Matric Scholarship (Pms) For St Students Arunachal Pradesh	263	
Prime Minister's Scholarship Scheme for Central Armed Police Forces and Assam Rifles	1	
National Fellowship & Scholarship for Higher Education of ST Students, MINISTRY OF TRIBAL AFFAIRS (NFST)	14	4991000
National Fellowship for Scheduled Caste Students Fellowship (NFSC)	1	312000
Savitribai Jyotirao Phule Single Girl Fellowship (SJPSGF)	1	384050
UGC Net JRF	4	1647040
ICSSR- Doctoral Fellowship	3	780000
TOTAL	823	8114090

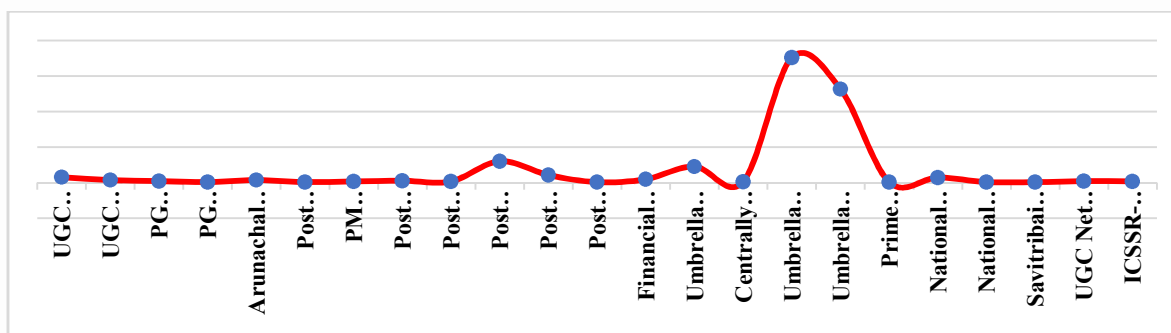
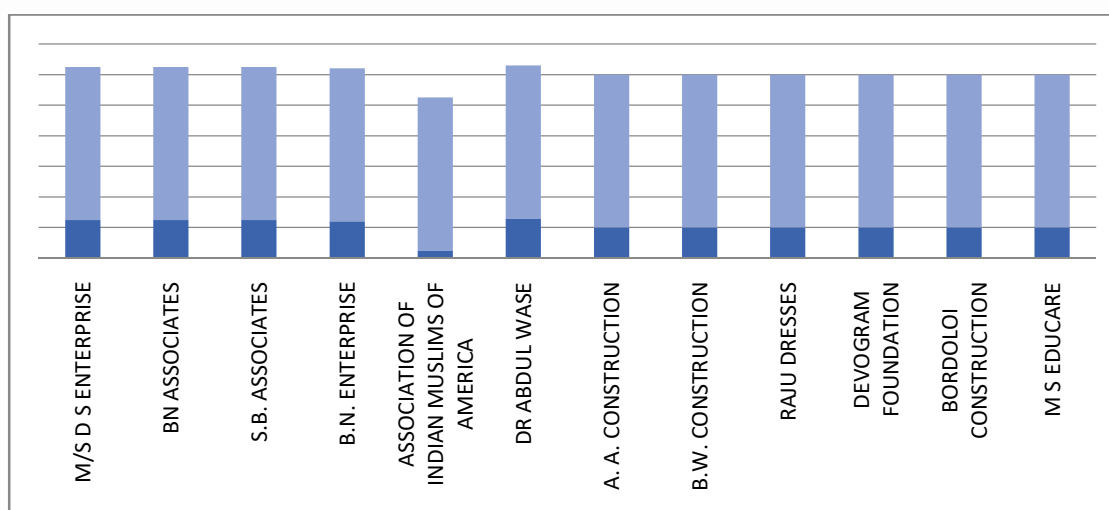


Table: Average percentage of students benefited by scholarships, free ships, etc. provided by non-government agencies (NGOs)

Name of the NGO/ agency	Number of students
M/S D S Enterprise	25
BN Associates	25
S.B. Associates	25
B.N. Enterprise	24
Association of Indian Muslims of America	5
Dr Abdul Wase	26
A. A. Construction	20
B.W. Construction	20
Raju Dresses	20
Devogram Foundation	20
Bordoloi Construction	20
M S Educare	20
Total	250



ACTIVITY BT NATIONAL SERVICE SCHEME

USTM NSS Cell:

National Service Scheme is a community service-oriented forum of USTM. There are 11 units in University and each NSS unit of USTM observes and organizes various programmes on all International and National Importance days like World Water Day, Tobacco Control Day, Yoga Day, World Human Rights Day, Peace Day, National Voters Day, Environment Day, AIDS Awareness, Rose Day (for Cancer Patient), Women's Day, so on. The unit takes up various local, state and central government's social programs like Go Green- plantation of trees, Voters Awareness and enrolment, Swachh Bharath campaign, Blood Donation Camps and so on. NSS organizes various awareness rallies against ill effects of Drugs, Alcohol, AIDS among youngsters etc. The unit also works by adopting village/slums and few local communities to bring awareness on sanitary issues and environmental sustainability. Students of NSS assist government agencies by taking part in various surveys they conduct and immerse with rural India.

LIST OF NATIONAL AND INTERNATIONAL DAYS / WEEKS TO BE OBSERVED BY ALL THE NSS UNITS OF THE UNIVERSITY

Sr. No.	Event	Date
1	National Youth Day	12th January to 19 th January
2	Republic Day	26th January
3	International Women Day	8th March
4	World Health Day	7th April
5	Anti – Terrorism Day	21st May
6	World No Tobacco Day	31st May
7	World Environment Day	5th June
8	International Literacy Week	8 th -14 th July
9	World Population Day	11th July
10	Independence Day	15th August
11	Sadh bhavana Day	20th August
12	International Literacy Day	8th September
13	International Peace Day	15th September
14	NSS Day	24th September
15	National Blood Donation Day	1st October
16	Communal Harmony Day and Gandhi Jayanti	2nd October
17	National Integration Day	19th November
18	World AIDS Day	1st December
19	World Human Rights Day	10th December

Activity Gallery



Activity Gallery



Activity Gallery



AUDIT REPORT

AUDIT REPORT (FINANCE)

AUDIT REPORT ON THE ACCOUNTS OF THE UNIVERSITY OF SCIENCE AND TECHNOLOGY MEGHALAYA (USTM) FOR THE YEAR ENDED 31ST MARCH 2023.

1. We have audited the attached balanced sheet of USTM as at 31st March 2023 and the Income & Expenditure Account/ Receipts & Payment Account for the year ended on the date. These Financial Statements are the responsibility of the institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. The audit report contains the comments on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms. Audit observations on financial transactions with regards to compliance with the law, rules and regulations and efficiency-cum-performance aspects etc., if any, are reported through Inspection reports/ CAG's audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. **Based on our audit, we report that:**
 - i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - ii. The balance sheet and income & expenditure accounts/ receipts & payment account dealt with by this report have been drawn up in the format prescribed by the ministry of education, Govt. of India.
 - iii. In our opinion, proper books of accounts and other relevant records have been maintained by the university in so far as it appears from our examination of such books.
 - iv. We further report that→

GRANTS-IN-AID

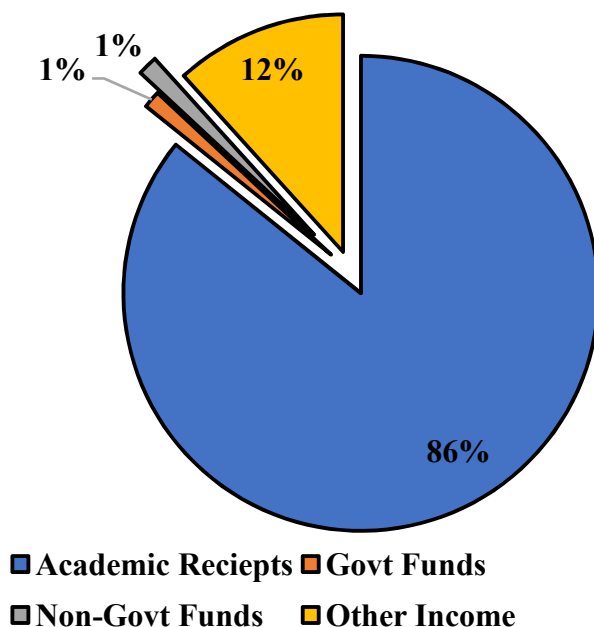
During the financial year 2022-23, USTM received a total income of around Rs. 97.7 crore. The academic income includes Admission fee, hostel fee, registration fee etc. is around Rs. 83.8 crore.

Apart from the above, separate grants were also received from government and some non-government funds. A total amount of Rs. 1.14 crore is received from government fund. Further some non-government funds include some research projects funds, maintenance grants and infrastructure development grants, which helps to received a total amount of around Rs. 1.32 crore.

There are some other income sources for the university like bank interest, consultancy & training revenue, rent, Auditorium rent, staff transportation, discount, interest on FD etc. are generated an amount of Rs. 11.4 crore.

REVISION OF ACCOUNTS

The annual account of the institute was revised and submitted on 14.09.2023. The impact of revision is that the income and expenditure amount is stable on the amount of Rs. 97.7 crore.



Income accounts

COMMENTS ON ACCOUNTS

• BALANCE SHEET (ASSETS)

As per Ministry of Education's notification dated 25th October, 2018, it was advised not to show the negative balance. Included in Annx 4 are current assets receivable amounting to Rs. 23.4 crore. Fixed assets and investments correspond their places in the amount Rs. 72.1 crore and Rs. 9.98 crore respectively.

• BALANCE SHEET (LIABILITIES)

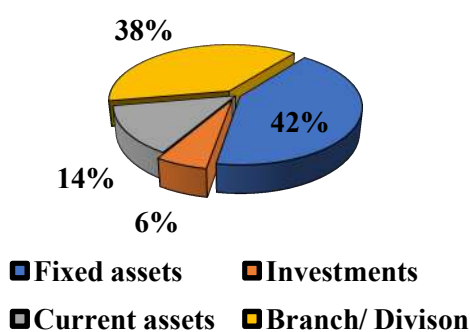
Liabilities receivable includes capital accounts representing development, endowment, general fund and surplus transferred from I/E A/C are amounting to 132.8 crore. Loan and borrowings amounting to 8.9 crore. The amount of 29.4 crore is shown to spent in current liabilities includes community bank, employee salary payable, sundry creditors, amenity security deposit, consultancy fee and caution deposit respectively.

MANAGEMENT LETTER

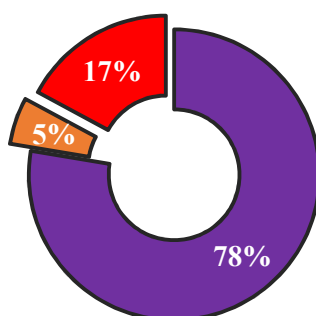
Deficiencies which have not been included in the Audit report have been brought to the notice of the institute through a management letter issued separately for remedial/ corrective action.

- We report that the balance sheet and income & expenditure account/ receipt & payment account dealt with by this report are in agreement with the books of accounts.

- In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read with the accounting policies and notes on accounts and subject to the mentioned in Annx to this Audit report, give a true and fair view in conformity with accounting principles generally accepted in India.
- In so far as it relates to the balance sheet, of the state of affairs of the USTM as at 31 March 2023.
- In so far as it relates to Income & Expenditure account of the deficit for the year ended on that date.



Balance sheet (Assets)



Balance sheet (Liabilities)

AUDIT REPORT (GREEN)

Land use / Land cover is result of combined activities of physical and human activities. Land use and Land cover change detection is essential for understanding of physical environment, ecological process, soil erosion, deforestation and also helpful in planning purposes. The landscape of USTM is hilly in nature. Various academic departments, hostels, auditorium come up at the barren hills while the large portion is left as natural green cover.

Built up environment

A peaceful environment is an improvement in recent times by conserving surrounding green cover.

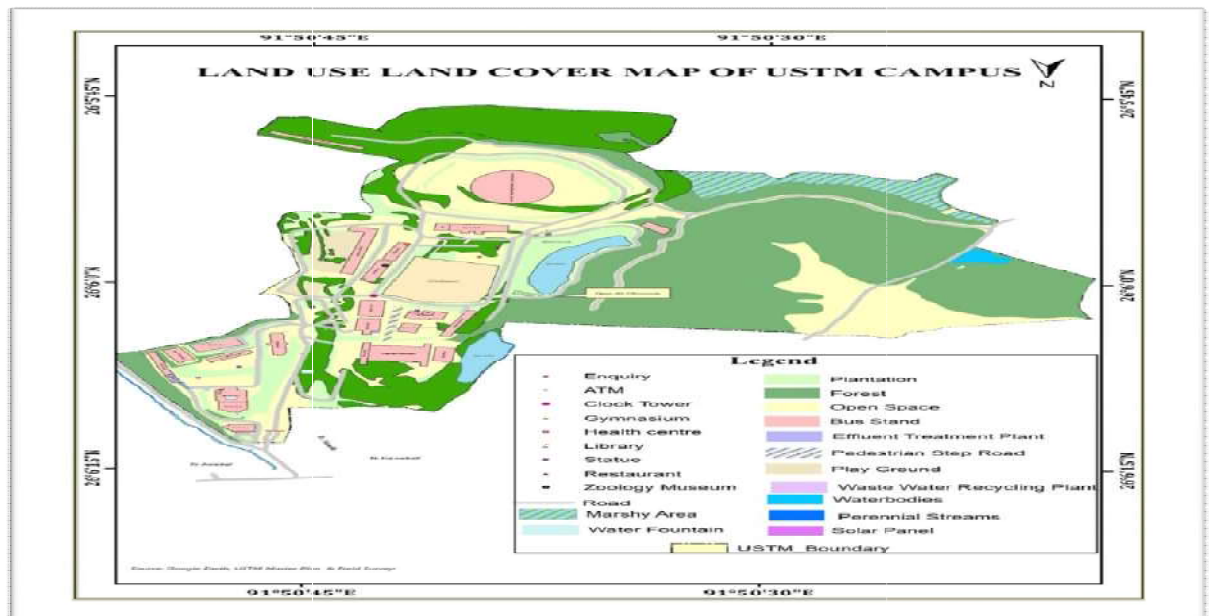
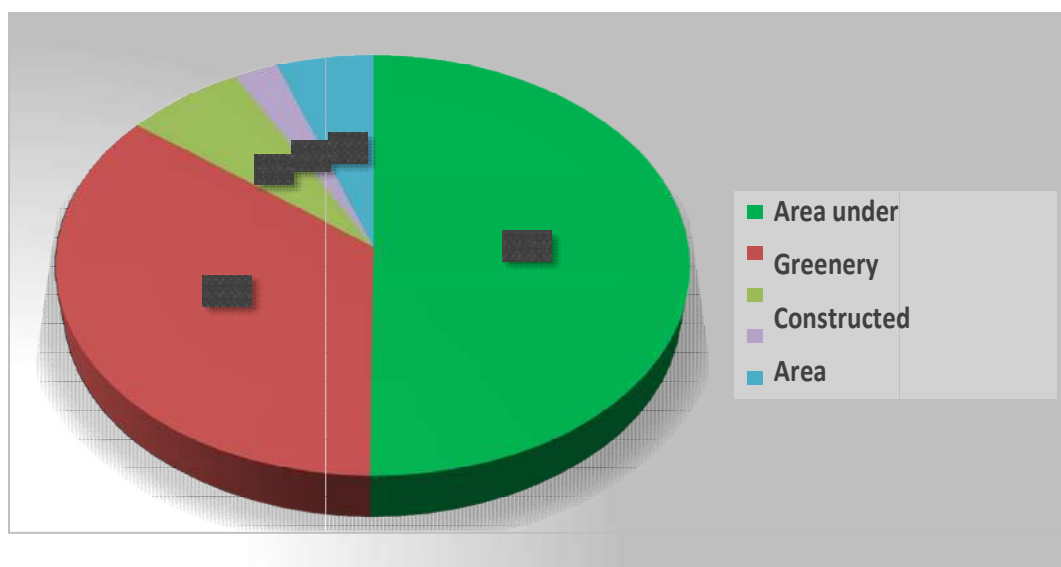


Figure 1: Detail LULC components of USTM Campus, Meghalaya, India



Environment

Noise level



Central Pollution Control Board has laid down the permissible noise level in India for different areas. In industrial areas, the permissible limit is 75 dB for daytime and 70 dB at night. In commercial areas, it is 65 dB and 55 dB while in residential areas it is 55 dB and 45 dB during daytime and night respectively.

Water Quality Status



There are natural water bodies in the university campus. Overall view of the water bodies is good and support aquatic birds and other organisms. Major threat to water quality in the water bodies are sediments from construction work and/ or cutting of hills for development purpose.

Turbidity

Turbidity is a measure of clarity of a liquid. It is an optical characteristic of water and is an expression of the amount of light that is scattered. Turbidity makes water cloudy or opaque.



Turbidity of water in ponds of USTM campus was estimated using a Secchi Disc in Nephelometric Turbidity Unit.

Biodiversity

As a part of the action towards the conservation of biodiversity and to promote a green campus, various assessments are being made to reinforce the biodiversity wealth within the campus, starting with the construction of Botanical Garden, Green house, Nursery, Biodiversity Park and also proper documentation of existing plant species (Figure. 1A & 1B).



Figure 1: A) Biodiversity Park and B). Plantation drives within the University Campus

Floral Diversity in Campus

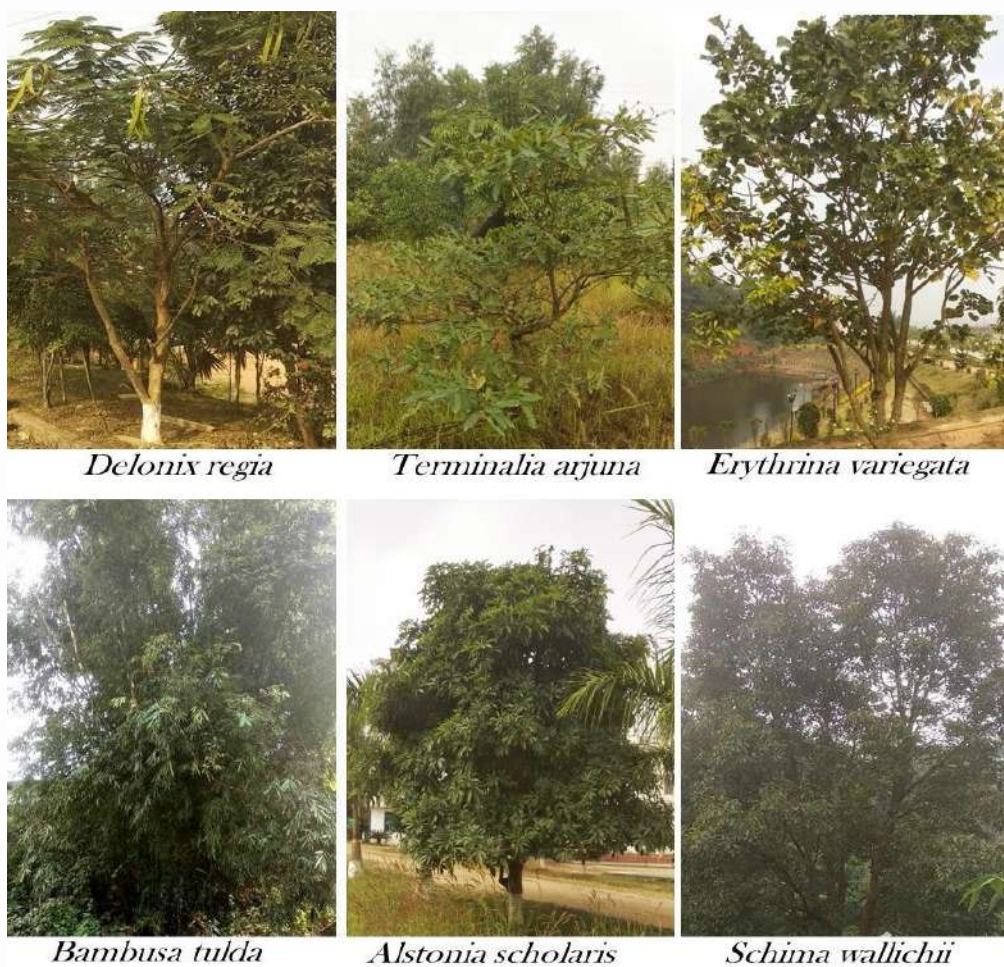


Figure 2: Few important Tree species found within the USTM campus



Ricinus communis



Ixora coccinea



Setaria viridis



Yucca filamentosa



Cycas revoluta



Livistona japonica



Hevea brasiliensis



Costus speciosus



M. malabathricum

Figure 3: Few important herb, shrub and ornamental species found within the USTM campus



Aquilaria malaccensis (Agarwood tree)



Clusia rosea (Autograph Plant)



Dendrolobium umbellatum (Golden horse plant)



Terminalia mantaly (Madagascar plant)



Dicranopleris linearis (False Staghorn fern)



Plumeria alba (Temple tree)

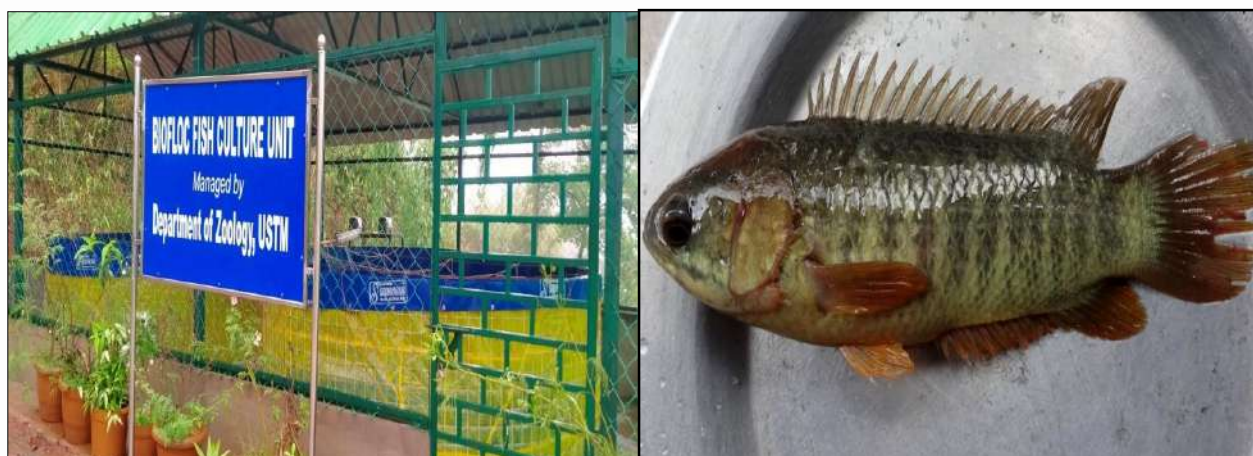


Figure 4: (A) Establishment of Bio Floc facility at the USTM campus,
(B) Yield of biofloc – *Anabas testudineus*

Energy and Electricity

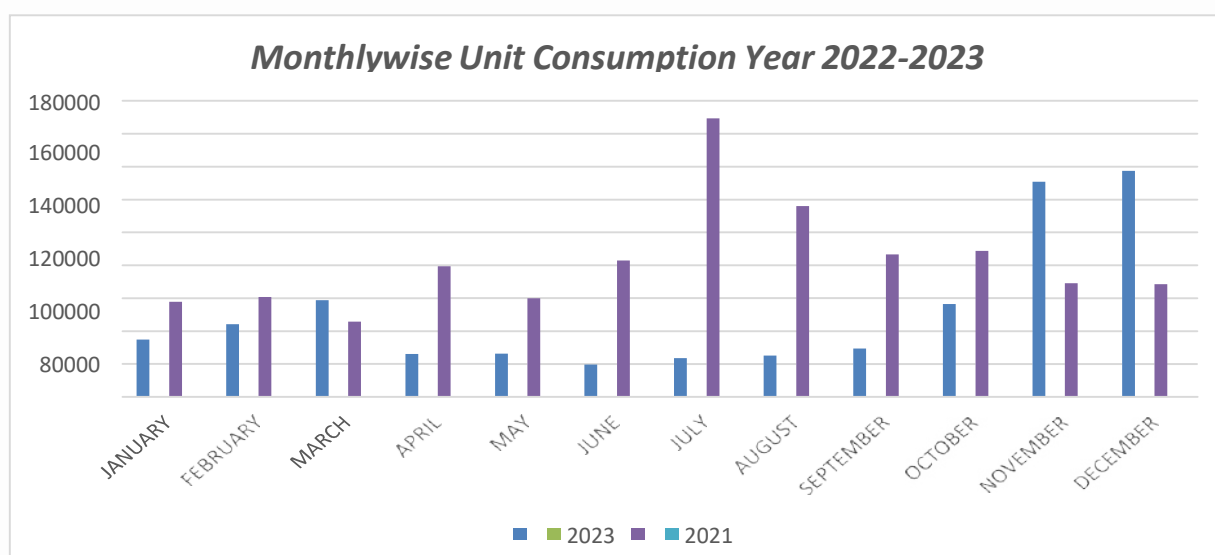


Figure : Month wise unit consumption in 2022 & 2023

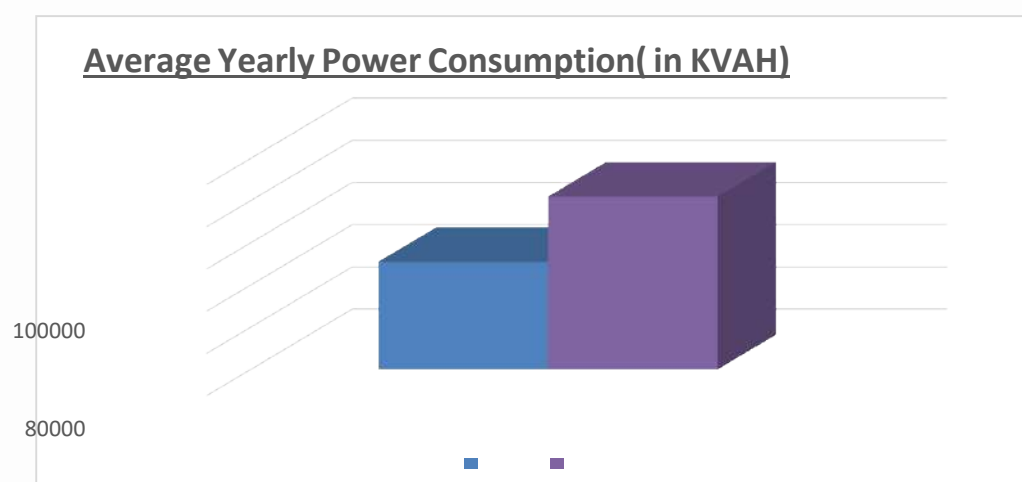


Figure : Average monthly power consumption in 2022 & 2023

8TH CONVOCATION

Summary of Students Eligible for Degrees/Diploma

The Eighth Convocation of the University of Science and Technology Meghalaya (USTM) has been held successfully here today in the presence of a galaxy of Vice Chancellors, heads of institutions and dignitaries. Altogether 1305 graduates were awarded degrees, out of which 15 scholars were awarded PhD degrees, 775 students were awarded Post Graduate degrees and 515 students were awarded Undergraduate degrees. Honorary Doctorate of Science (D.Sc.) was conferred upon Dr. N. N. Dutta, Founder and Chancellor, Assam Down Town University while Padma Shri Manas Chaudhuri, former Editor of The Shillong Times and former Education Minister of Meghalaya received Honorary D.Litt. degree from the Governor of Meghalaya at the Convocation. The convocation was presided over by Shri Satya Pal Malik, Governor of Meghalaya & Visitor, USTM.



*Shri Satya Pal Malik, Governor of Meghalaya along with other dignitaries
at the 8th Convocation of USTM*

Education Minister of Meghalaya, Lahkmen Rymbui, and a host of Vice Chancellors graced the occasion as Guests of Honour. The distinguished dignitaries present in the Convocation include, Dr. B. J. Rao, VC, University of Hyderabad; Dr. N. Lokendra Singh, VC, Manipur University; Dr. R. M. Pant, VC, Assam University, Silchar, apart from Shri Mahbulul Hoque, Chancellor and Prof GD Sharma, VC, USTM.



*Dr NN Dutta receiving Honorary D.Sc. degree from the Governor of Meghalaya at the
8th Convocation of USTM*



Padma Shri Manas Chaudhuri receiving Honorary D.Litt. degree from the Governor of Meghalaya at the 8th Convocation of USTM

In his Convocation Address, Prof B. J. Rao, Vice Chancellor of University of Hyderabad said, “A degree is no longer a passage to certain employment. There is a need to add new skills with latest technologies. Innovation and creativity are the keywords of our times”. He urged the students to realize their responsibilities towards the Country and the Society at large.

Addressing the gathering, Meghalaya Governor Shri Satya Pal Malik said, “The university is an outcome of its founder Mahbubul Hoque’s vision to change lives of the people of the region by empowering them with education”. He congratulated all the awardees including Padmashri Manas Chaudhuri and Dr NN Dutta, the recipients of the Hon. D.Litt & D. Sc. and thanked USTM for giving recognition of great works done by the awardees.

The Chancellor of USTM Shri Mahbubul Hoque welcomed all for their participation and said, “We aspire to become a world class university and appeal to all the stakeholders to join us in our endeavor to transform this university into a world class institution and participate in the nation-building process”. He also expressed his gratefulness to the Government of Meghalaya for its help in the creation of USTM.



A view of awardees with the Meghalaya Governor and other dignitaries at the Central Auditorium of USTM

Earlier, the University report was presented by the Vice Chancellor of USTM Prof G. D. Sharma. This was followed by award of degrees and gold medals. Dr APJ Abdul Kalam Best PG Student award went to Ms Ajungla Kundang, MA Rural Development and PA Sangma Best UG student

award went to Ms Yashodhara Goswami, B. Sc. Biotechnology. Apart from this, 24 gold medals were awarded to the best Post Graduates of the respective departments while 21 gold medals were given away to the best undergraduate students from different departments.

Dr. N. N. Dutta, the recipient of the Hon D.Sc. degree has enormous contribution in the field of Healthcare & Research Sector & Academic Administration specially in establishing higher educational institutions in the North East. Padma Shri Manas Chaudhuri is well known for his immense contribution in the field of Literature, News-Media, Political Reforms and Social Transformation.

The Convocation began with the grand and elegant Academic Procession which was participated by the Registrar of the University, Academic Council members, members of Board of Governors, Deans of different schools, Heads of different Departments and the Award recipients. The Convocation came to close with administration of oath and the signing of the National Anthem.

UG Odd Semester Result Summary 2022-23

Sl. No.	Programme	No of Appeared Student	No. of Pass Student	Academic Probation	Pass Percentage
1	UG First Semester December 2022	893	649	244	72.68%
2	UG Third Semester December 2022	787	595	192	75.60%
3	UG Fifth Semester December 2022	562	446	116	79.36%
4	UG Seventh Semester December 2022	116	96	20	82.76%
5	UG Ninth Semester December 2022	19	12	7	63%
Total		2377	1798	579	75.64%

PG Odd Semester Result Summary 2022-23

Sl. No.	Programme	No of Appeared Student	No. of Pass Student	Academic Probation	Pass Percentage
1	PG First Semester December 2022	893	741	152	82.98%
2	PG Third Semester December 2022	919	817	102	88.90%
3	LLM First Semester December 2022	44	38	6	86.36%
Total		1856	1596	260	85.99%

A. Overall Odd Semester Result Summary 2022-23

Sl. No.	Programme	No Of Appeared Student	No. Of Pass Student	Academic Probation	Pass Percentage
1	UG	2377	1798	579	75.64%
2	PG	1856	1596	260	85.99%
Total		4233	3394	839	80.18%

UG Even Semester Result Summary 2022-23

Sl. No.	Programme	No of Appeared Student	No. of Pass Student	Academic Probation	Pass Percentage
1	UG Second Semester June 2023	846	609	237	71.99%
2	UG Fourth Semester June 2023	742	554	188	74.66%
3	UG Sixth Semester June 2023	544	477	67	87.68%
4	UG Eighth Semester June 2023	109	90	19	82.57%
5	UG Tenth Semester June 2023	19	17	2	89.47%
	Total	2260	1747	513	77.30%

PG Even Semester Result Summary 2022-23

Sl. No.	Programme	No of Appeared Student	No. of Pass Student	Academic Probation	Pass Percentage
1	PG Second Semester June 2023	875	724	151	82.74%
2	PG Fourth Semester June 2023	910	862	48	94.73%
3	LLM Second Semester June 2023	44	42	2	95.45%
	Total	1829	1628	201	89.01%

Overall Even Semester Result Summary June 2022-23

Sl. No.	Type of Programme	No of Appeared Student	No. of Pass Student	Academic Probation	Pass Percentage
1	UG	2260	1747	513	77.30%
2	PG	1829	1628	201	89.01%
	Total	4089	3375	714	82.54%

Final Year Passed Out Students in 2022-23

Programme	Number of Students Appeared	Number of Students Passed	Pass Percentage
B.Sc. Chemistry	13	12	92.31%
B.Sc. Physics	7	7	100%
B.Sc. Biotechnology	24	23	95.83%
B.Sc. Microbiology	24	23	95.83%
B.Sc. Food Sc. & Tech.	9	9	100%
B.Sc. Botany	11	11	100%
B.Sc. Zoology	32	31	96.88%
BBA	45	44	97.78%
B.Com. (Hons.)	26	26	100%
BCA	44	42	95.45%
BA Political Science	31	30	96.77%

BAAG	16	16	100%
BA English	34	23	67.65%
BA Sociology	35	34	97.14%
BSW	15	15	100%
BA Psychology	11	11	100%
B.Ed. (2021-Batch)	94	93	98.94%
BA LLB (Hons.) (2018-Batch)	19	16	84.21%
LLB (Hons.)	12	12	100%
B.Physiotherapy (2018-Batch)	69	68	99%
B.Pharm. (2019-Batch)	58	57	98.28%
D.Pharm. (2020-Batch)	54	51	94%
M.Sc. Chemistry	40	39	97.50%
M.Sc. Physics	34	34	100%
M.Sc. Mathematics	48	47	97.92%
M.Sc. Environmental Science	15	14	93%
MA Geography	37	34	91.89%
M.Sc. Biotechnology	15	12	80.00%
M.Sc. Microbiology	25	25	100%
M.Sc. Botany	71	71	100%
M.Sc. Zoology	92	89	96.74%
MBA	119	118	99.16%
Master of Hospital Admin.	14	13	92.86%
M.Com.	45	45	100%
MA Economics	35	34	97.14%
MCA	42	39	92.86%
MA Khasi	14	14	100%
MA Political Science	49	49	100%
MA English	73	71	97.26%
MA Rural Development	34	33	97.06%
MLISc.	13	13	100%
MA Sociology	32	32	100%
MSW	40	40	100%
MA Education	25	24	96.00%
LLM (2022-Batch)	44	44	100%
LLM (2021-Batch)	35	34	97.14%
Total	1674	1622	96.89%

Final Year Pass Percentage Summery: 2023

Description	Number of students Appeared	Number of students Passed	Pass percentage
Under Graduate	683	654	95.75%
Post Graduate	991	968	97.68%
Total	1674	1622	96.89%

University Gold Medal/Programme Wise List: 2023

UG Gold Medal List

S/N	Courses	Roll No.	Enrollment No.	Student Name
1	LLB	2020/LLB/0001	LLB/2020/0000060	Lipavi Yeptthomi
2	B.Sc. Chemistry	2020/BCH/0012	UG/2020/0003316	Afreen Hussain
3	B.Sc. Physics	2020/BSP/0006	UG/2020/0003301	Atiqur Rahman
4	BPT	2018/BPT/0024	UG/2018/0001641	Juri Deka
5	B.Pharm.	2019/BPH/0059	UG/2019/0002643	Samima Nasrin Rahman
6	D.Pharm.	2020/DPH/0040	DIP/2020/0000039	Dhritimoni Baishya
7	B.Sc. Biotechnology	2020/BBT/0025	UG/2020/0003357	Manisha Kalita
8	B.Sc. Microbiology	2020/BSM/0011	UG/2020/0003220	Nisha Seth
9	B.Sc. Food Sc. & Tech.	2020/BFST/0001	UG/2020/0003183	Rezasun Newaj Choudhury
10	B.Sc. Botany	2020/BSB/0007	UG/2020/0003292	Fardin Kabir
11	B.Sc. Zoology	2020/BSZ/0035	UG/2020/0003362	Khandakar Muntakim Alam
12	BA Psychology	2020/BPY/0018	UG/2020/0003418	Sagarika Talukdar
13	B.Ed.	2021/BED/0077	BED/2021/0000757	Marla Dkhar
14	BCA	2020/BCA/0060	UG/2020/0003458	Patrick Kharmujai
15	BBA	2020/BBA/0024	UG/2020/0002816	Neelakhshee Sen
16	B.Com.(Hons)	2020/BCM/0025	UG/2020/0003021	Humaira Abul Faiz
17	BA Political Science	2020/BAP/0024	UG/2020/0003029	Syeda Arifeen Nezar
18	BAAG (Pol Sc.)	2020/BAS/0007	UG/2020/0003246	Rabeclyne S Kharbyngar
19	BA English	2020/BEN/0005	UG/2020/0002795	Mridukamal Das
20	BA Sociology	2020/BSO/0027	UG/2020/0003111	Moitrayee Ghosh
21	BSW	2020/BSW/0018	UG/2020/0003464	Shatabdee Saikia
22	BA LLB	2018/BLB/0018	UG/2018/0001990	Hasna Hena

PG Gold Medal List

S/N	Courses	Roll No.	Enrollment No.	Student Name
1	MA Political Science	2021/MAP/0016	PG/2021/0007284	Kughali G Assumi
2	M.Sc. Chemistry	2021/MSD/0010	PG/2021/0007484	Inzamam Ul Hoque
3	M.Sc. Mathematics	2021/MSM/0045	PG/2021/0007914	Juliyet Sarma
4	M.Sc. Physics	2021/MSP/0032	PG/2021/0007998	Mahmudul Hassan
5	MA Geography	2021/MGE/0048	PG/2021/0008082	Karabi Debbarma
6	M.Sc. Environmental Sc.	2021/MEV/0006	PG/2021/0007536	Shabana Akhter
7	M.Sc. Biotechnology	2021/MBT/0011	PG/2021/0007670	Sanathoihi Sharma

8	M.Sc. Microbiology	2021/MMB/0005	PG/2021/0007420	Arpita Talukdar
9	M.Sc. Botany	2021/MSB/0016	PG/2021/0007427	Habiba Yasmin
10	M.Sc. Zoology	2021/MSZ/0003	PG/2021/0007260	Afsana Khatun
11	MA Education	2021/MAE/0016	PG/2021/0007682	Akhonuo Linyu
12	MCA	2021/MCA/0033	PG/2021/0007810	Thimpu Sengyung
13	MBA	2021/MBA/0084	PG/2021/0007535	Sharon Chetia
14	Master of Hospital Admin.	2021/MHA/0002	PG/2021/0007120	Neha Kumari
15	M.Com.	2021/MCM/0041	PG/2021/0007883	Nargish Sultana
16	MA Economics	2021/MEC/0028	PG/2021/0007758	Emon Baruah
17	MA English	2021/MEN/0050	PG/2021/0007782	Mehnaz Suhana
18	MA Rural Development	2021/MRD/0021	PG/2021/0007293	Jhuma Khatun
19	MLISc.	2021/MLS/0012	PG/2021/0007783	Suman Kumari Prasad
20	MA Sociology	2021/MSO/0015	PG/2021/0007630	Ankita Sharma
21	MSW	2021/MSW/0022	PG/2021/0007594	Sahnaj Begum
22	MA Khasi	2021/MKH/0007	PG/2021/0007576	Monisha Ramsiej
23	LLM-2021 Batch	2021/LLM/0014	LLM/2021/0000014	Farhan Begum
24	LLM-2022 Batch	2022/LLM/0006	LLM/2022/0000048	Nafisa Altaf Bora

Visitor's Best Student Award

Sl. No.	Course	Roll No.	Enroll. No.	Student Name
1	LLB	2020/LLB/0001	LLB/2020/0000060	Lipavi Yeptthomi

Chancellor's Best Student Award

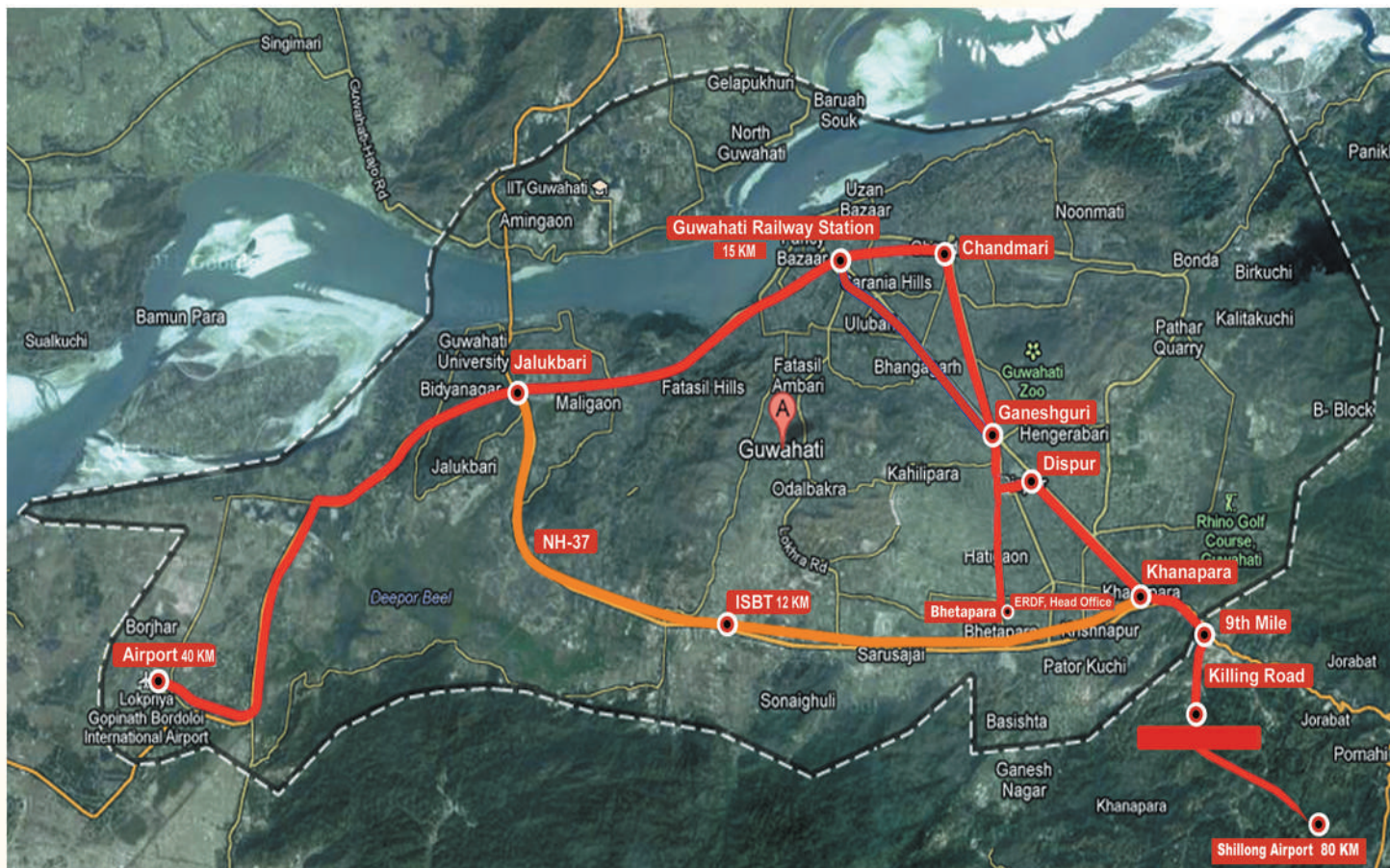
Sl. No.	Course	Roll No.	Enroll. No.	Student Name
1	MA Political Science	2021/MAP/0016	PG/2021/0007284	Kughali G Assumi

Dr. APJ Abdul Kalam Best Post Graduate Student Award

Sl. No.	Course	Roll No.	Enroll. No.	Student Name
1	MA Rural Development	2021/MRD/0021	PG/2021/0007293	Jhuma Khatun

P.A. Sangma Best Under Graduate Student Award

Sl. No.	Course	Roll No.	Enroll. No.	Student Name
1	B.Sc. Physics	2020/BSP/0006	UG/2020/0003301	Atiqur Rahman



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 .



Campus

Techno City, Khanapara, Kling Road
Baridua, 9th Mile, Ri-Bhoi, Meghalaya-793101
Ph. 9508 444 000 / 70025 08978
E-mail : ustm2011@gmail.com
Web : www.ustm.ac.in

City Office

ERD FOUNDATION
ERDF Bhawan, Lalmati Road
Bhetapara, Guwahati-28
Ph. 069139-01600
E-mail : erdf05@gmail.com