

USTM Newsletter

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

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Seasonal Fruit Fest : A Delicious Celebration of Nature's Sweetest Treats



A deliciously juicy Seasonal Fruit Fest was organized at the Biodiversity Park on 20th June 2025. This vibrant event was specially curated for the faculty members of the University as part of a post-examination activity, providing them with a moment of relaxation and celebration before the commencement of their vacations.

Organized under the esteemed guidance of Hon'ble Chancellor Mahbubul Hoque, the event was graced by several distinguished guests, including Padma Shri Sarbeswar Sahariya, Advisor RK Sharma, and Dr. RK Sharma, Principal of IAMC, along with the enthusiastic participation of all faculty members of the University.

USTM Student Formulates an Organic Perfume



Archi Phukan, from the Department of Botany, under the mentorship of Dr. Mautushi Das, Associate Professor, Department of Botany has successfully formulated a unique, organic perfume on 17th June, 2025.

Guided by her mentor, she explored the abundant perfumed biodiversity of the Northeast, captured the delightfully rejuvenating earthly undertones, tangy citric fragrance, and light flowery fresh aroma of the landscape, resonating with the lively ethos and aromatic sweetness of Northeast India, reflecting both cultural heritage and environmental consciousness.

With botany students and researchers collaborating hand-in-hand to develop natural, sustainable innovation, a perfume such as this tells the story of Assam's botanical wealth with the regionally sourced ingredients of citrus species, flowers, and aromatic herbs that are indigenous to the Dibrugarh region, including wild-growing fragrant plants traditionally used in folk practices.

99th AIU Vice Chancellors' Meet



Vice Chancellor of USTM, Prof. G.D. Sharma, participated in the 99th Annual Meet and National Conference of Vice Chancellors, hosted by Amity University, on 23-24 June 2025.

He chaired a key session on "Catering to Diversity and Inclusivity on Campuses", where he emphasized translating policy into action, highlighting USTM's "I Can I Will Academy" as a model for youth empowerment through employability training.

Attended by nearly 240 Vice Chancellors, the conference focused on the theme "Envisioning Future Higher Education: The Pivotal Role of India." The event was inaugurated by Hon'ble Vice President of India Shri Jagdeep Dhankhar and concluded with the Valedictory Session, graced by Hon'ble Governor of Uttar Pradesh, Smt. Anandiben Patel.

Career Guidance Workshop at Tripura University



USTM organized an inspiring Career Planning Workshop at Tripura University, Agartala, Tripura, themed "Career Opportunities in the Context of NEP-2020," where the engrossing session empowered young minds on 27th June, 2025.

The presence of Padmashree Prof. Arunoday Saha, former VC of Tripura University and Former Chairman of the Higher Education Council (Govt. of Tripura) added great value to the event.

Along with him, USTM's Hon'ble VC Prof. G.D. Sharma, Prof. Badal Kumar Datta, Hon'ble VC (I/C) Tripura University, Prof. Salim Shah, from the Department of Economics, and Dr. Surajit Bhattacharjee from the Department of Molecular Biology of Tripura University shared some wonderful insights with the participants, ensuring a motivational move to charter career plans. The session ended with an interactive open session where participants shared their valuable queries.

Press Meet announcing 50 special seats for students of Tripura



A press meet was organized in Agartala on 26th June by the University of Science & Technology Meghalaya (USTM) to announce a major initiative for the students of Tripura.

During the meeting, USTM officially declared 50 special scholarship seats for students from Tripura in various undergraduate and postgraduate programs.

This initiative reflects USTM's commitment to promote higher education and regional inclusion.

USTM Collaborates for Career Guidance Program in Umsning



A large-scale Career Guidance and Counselling Program was organized at Balawan College Hall, Umsning, by Seng Samla & Cultural Sports Club Syadrit in collaboration with USTM on 6th June, 2025. The event attracted over 1,000 students from across the region, offering insights into academic pathways, career opportunities, skill development, and scholarships. Chancellor Mahbubul Hoque graced the event as special invitee, inspiring students with his vision and assuring wider outreach of such initiatives. Distinguished guests included Dr. Celestine Lyngdoh (MLA), Dr. Ricky Andrew J Syngkon (MP), and Shri Banrikus Nongstang (MDC), who motivated the youth with encouraging messages and personal stories. Resource persons from USTM, Prof. Amit Choudhury, Sri Debasish Saha, and Sri Nurmahmud Ali, delivered powerful sessions on topics ranging from course selection and the NEP to employability skills. The session concluded with an engaging Q&A and certificate distribution, leaving students empowered and inspired to shape their futures.

USTM Extends Model Village Initiative to Nongspung A

As part of its ongoing academic-community partnership, the USTM continues its commitment to rural empowerment and sustainable development. After its successful initiatives in Jorbil, which is being developed as a model village, USTM was invited by the residents of Nongspung A to collaborate in transforming their area into a smart model village.

In response to this, a meeting was held at Nongspung A village school on 9th June, 2025, attended by local leaders including Mr. Anirban Roy, Headman George A Marak, Village Secretary Shaining Marak, along with community members and USTM officials.

Representing the university were Er. Debasish Saha (Director, IQAC & Operations), Dr. Papiya Dutta (HoD, Rural Development), Lalit Saikia (Assistant Professor & Joint Director, IQAC), Dr. Lilika K Zhimoni, and Gayatri Saikia (Assistant Professors, Rural Development). The team discussed strategies for sustainable livelihood, market access, and capacity-building to help bridge the rural-urban divide.



Harit Yoga 2025



In a beautiful celebration of wellness, the Department of Physiotherapy, in collaboration with the Yoga Centre and Sports Forum successfully organized 'Harit Yoga', the flagship event of International Day of Yoga 2025, on 13th June 2025 at Biodiversity Park.

The event was a powerful reminder of the strength in unity and the peace that comes from keeping the spirit of yoga alive.

International Day of Yoga 2025



The International Day of Yoga, titled "Yoga for One Earth One Health," rejuvenated the spirit of wellness, unity, and holistic living at USTM on 21st June, 2025. The IA Ayurvedic Medical College heralded International Day of Yoga with a vibrant morning session, highlighting that yoga is a gift from India to the world. Hon'ble Chancellor of USTM, Shri Mahbubul Hoque, Padmashree Prof. (Dr.) Sarbeswar Saharia, Pro VC of USTM, Prof. (Dr.) RK Sharma, Principal IAMC, Prof. (Dr.) Anil Kumar Sharma, along with faculty and students, were present.

The program commenced with the serene chanting of Yoga slokas, setting the tone for a day of mindfulness and physical well-being while dignitaries delivered stirring speeches and an insightful commentary on the vision behind the International Day of Yoga.

World Environment Day



USTM observed World Environment Day on 5th June, 2025, by launching a plantation drive and leading an awareness campaign titled "Embracing a Plastic-Free Pledge for a Sustainable Environment." Aligned with the global theme "Ending Global Plastic Pollution," the initiative emphasized that protecting the environment is not solely the responsibility of governments or organizations, but a shared duty of every individual to help build a cleaner, greener world.

Dr. R.K. Sharma, the Principal of IA Ayurvedic Medical College, addressed the rally at USTM with the participation of students and faculty members, raising awareness of the detrimental effects of pollution and encouraging planting endeavors.

On the eve of World Environment Day, the Department of Botany organized a plantation drive in the presence of Prof G.D. Sharma titled "Ek Ped Maa Ke Nam."

The School of Pharmaceutical Sciences, in collaboration with the NSS Cell of USTM, organized a plantation drive at Savio Higher Secondary School, rooted for a greener, plastic-free future at the campus of the school in Baridua, Ri Bhoi.

In celebration of World Environment Day 2025, the Department of Computer Science and Department of Physics of the University of Science & Technology Meghalaya (USTM) jointly organized an potent outreach program titled "Green Earth, Clean Future: Sow the Seeds of Sustainability" on 4th June 2025 at Jorbil Village, where student volunteers distributed saplings to the residents of Jorbil Village.

On the other hand, the Department of Chemistry, USTM, celebrated the day with an awareness program on "Embracing a Plastic-Free Pledge for a Sustainable Environment." The event educated village residents on the impact of plastic pollution and promoted sustainable practices.

Yoga for One Earth, One Health

As part of the Pre-Yoga Day celebration, an E-poster presentation was held at IA Ayurvedic Medical College on the theme "Yoga for One Earth, One Health" on 17th June, 2025.

Students shared creative and thoughtful posters that showed how yoga connects us to nature and supports a healthy life. It was an expressive step toward spreading awareness about the global significance of yoga.



World Blood Donor Day

World Blood Donor Day, the Blood Centre at PIMC, organized an in-house Blood Donation Camp to promote the spirit of giving and saving lives on June 14, 2025.

The event was honored by the presence of respected dignitaries, including Prof. (Dr.) H. K. Sharma (Medical Superintendent), Dr. Jogesh Sarma (Director of Health Education & Research), and several senior faculty members from the Departments of Pathology and Microbiology. An informative session was also held on the importance of blood donations. The session ended with as the voluntary donation.



Haemoglobin Estimation Camp



The Department of Physiotherapy organized a haemoglobin estimation camp for the university's housekeeping staff on 12th June, 2025. This initiative was part of the department's ongoing commitment to promoting preventive healthcare and community welfare. The event focused on assessing hemoglobin levels to identify potential cases of anemia, a common yet often overlooked condition among support staff.

Dr. Habibul Islam, Dean of Allied Medical Sciences, Dr. Pooja Chaudhuri, HOD, Department of Physiotherapy, Selebam Monjit, Assistant Professor, and Dr. Deepashree Deka, Assistant Professor, Department of Physiotherapy, were present at the screening camp, emphasizing hygiene, accuracy, and compassion in care delivery.

Academic and Administrative Audit



USTM meticulously conducted an Academic and Administrative Audit on 26th & 27th June 2025 as part of its continuous efforts to enhance quality in education and governance.

Seminar on Gender Mainstreaming in Governance

A stimulating National Seminar, themed on "Gender Mainstreaming in Governance of Northeast India," sponsored by ICSSR, organized by the Research Project Team of USTM, was inaugurated on 20th June, 2025. The illuminating event was graced by renowned journalist, social activist, and writer Dr. Patricia Mukhim, Prof. Sambit Mallick from IIT Guwahati, Dr. R.K. Sharma, Advisor, USTM, Prof. Thogiram Gogoi, Dean, School of Social Sciences and Humanities, along with esteemed faculty members, research scholars, and students.



The seminar, centered on the theme "Women Leadership and Gender Mainstreaming in Governance of North-East India" featured the presentation of several significant research papers addressing gender equity, policy implementation, and governance models in the region.

The Seminar concluded with the valedictory session on 21st June, 2025. Dr. Biswajit Mahapatra from NEHU delivered the valedictory address, and Prof. Jyotiraj Pathak from Kumar Bhaskar Varma Sanskrit & Ancient Studies University, Nalbari, gave a special speech at the valedictory session.

Hands-on Training on Integrated Disease Surveillance Programme

An engaging training session on IDSP was successfully conducted at the PA Sangma International Medical College & Hospital on the USTM campus on 11th June, 2025. Senior Health Officials from the National Health Mission, Nongpoh, Meghalaya, trained our Nursing In-Charge, Laboratory Technician, and Data Entry Operator under the IDSP framework.



The session was enriched by expert guidance from Dr. Alisha J. Syiemlieh (District Surveillance Officer - DSO), Mr. Roshaw Ronghang (Epidemiologist), and Mr. Telbor Lingdoh (District Data Manager - DDM), who served as the key trainers for the program.

The program was graced by Vice Principal Dr. Swaroop Baruah, Director of Health Education & Research Dr. Jogesh Sarma, Senior Consultant from the Department of Paediatrics Dr. Iqbal Hussain Mazumdar, Hospital Administrator Dr. Githartha Roymedhi, along with other dedicated staff members.

Faculty Development Program on NEP 2020



The AIU-Academic Administration Development Centre, in collaboration with the Department of Business Administration, organized an illuminating development program for the faculty members of USTM titled "NEP 2020- Education Policy in Employment Opportunity" on 10th June, 2025.

Prof. Amit Choudhury, Dean of the School of Technology & Management, was the resource person for the session.

Faculty Development Program

A Faculty Development Programme jointly organized by the Academic & Administrative Development Centre and the Department of Chemistry, USTM, on 16th June, 2025.

The theme of the session was "Faculty Mentoring & Career Advancement."

Dr. Pranjal Saikia, Professor, Department of Applied Sciences, Guwahati University, served as the esteemed resource person for the event.



Exposure Program of Ideal Senior Secondary School, Manipur



A group of students from Ideal Senior Secondary School, Manipur, was hosted at USTM on 18th and 19th June, 2025. The young learners explored the scenic, green, beautiful university campus along with the state-of-the-art facilities and participated in an interactive session on career prospects, opportunities, and future avenues. A session on Career prospects was taken by Mr. Nurmahmud Ali, Director of Training & Placement, which filled the room with energy and fresh perspectives.

FACULTY ACHIEVEMENTS

Dr. Rejaul Karim Laskar's research was published in the Top Diplomacy Journal

The Hague Journal of Diplomacy, the world's leading journal in the field of diplomatic studies, has published a research paper by Dr. Rejaul Karim Laskar, Director of the Centre for Advanced International Studies, USTM, on 12th June, 2025.

Dr. Laskar's book has been reviewed in Volume 20, Number 2 (pp. 369–372) of the journal, published in June 2025. This distinction is widely regarded as one of the highest honours in diplomatic scholarship, reserved for works of exceptional academic merit and relevance.



Designed Patent for Early Cancer Diagnosis Registered

Sazedur Rahman Akanda, a faculty member of the School of Pharmaceutical Sciences has been granted a patent by the Indian Patent Office for his breakthrough invention titled "Intelligent Blood Plasma Protein Analyser for Early Cancer Diagnosis" on 13th June 2025. This cutting-edge innovation has generated significant anticipation for its potential to revolutionize early cancer detection and contribute to a healthier future.

Researchers in USTM Capture Ancient Wisdom with Burning Egg Trays



Dr. Lalit Saikia



Dr. Moutushi Das



Ms. Tanjima T Laskar

A study revived ancient traditional wisdom from Northeast India with their resurgence of burning egg trays to beat mosquitoes.

Dr. Lalit Saikia, Assistant Professor and Joint Director IQAC; Dr. Moutushi Das, Associate Professor; Ms. Tanjima Tarique Laskar (Corresponding Author), Assistant Professor successfully published their research about the age-old mosquito repellent practices in the prestigious Scopus-indexed International Journal of Environmental Sciences.

This team in international collaboration, earned their well-deserved recognition on a design patent on a mosquito-repellent device that is registered at the Patent Office, Government of India.

Dr. Yugal Kishore Mohanta & Dr Tamanna Bhuyan

Key position in the Microbiologist Society from the Department of Applied Biology were selected to key leadership positions in the Microbiologists Society, India (MBSI) for 2025–2026 on 16th June, 2025.

Dr. Yugal Kishore Mohanta has been appointed as the Northeast Coordinator, and Dr. Tamanna Bhuyan has been named the State Coordinator for Meghalaya.



Dr. Yugal Kishore Mohanta



Dr. Tamanna Bhuyan

Abdul Kadir Jilani

Abdul Kadir Jilani, Assistant Professor at the School of Pharmaceutical Sciences, USTM, published a research paper titled: "Recent Development of Herbal Gel by Combination of Medicinal Plants in the Treatment of Periodontitis," on 16th June 2025.

STUDENTS ACHEIVEMENTS

Brilliant Students from PQSE, USTM qualify for MTET (BACK PAGE SPOTLIGHT)

A total of 132 students from the B.Ed. Programme of Prof. Qoumrul Hoque, School of Education PQSE, qualified in the Meghalaya Teacher Eligibility Test (MTET) on 18th June 2025.

This huge milestone for PQHSE reflects the hard work, dedication, and academic excellence of students and faculty members alike, guaranteeing the qualifiers a glowing and successful future ahead.



STUDENTS SUCCESSFULLY CRACKED GAT-B 2025



JAHNABI BAGLARI
Department of Applied Biology
(B. Sc Biotechnology)



ANUSHKA BOR SAIKIA
Department of Applied Biology
(B. Sc Biotechnology)



HIRAMONI NARZARY
Department of Applied Biology
(B. Sc Biotechnology)

ALUMNI ACHIEVEMENT



Mr. Suraj Roy

An alumnus from the Department of Physics, Mr. Suraj Roy, has secured a coveted Ph.D. position in Physics at IIT Ropar on 13th June 2025, where he will pursue advanced research in Quantum Information.

Mr. Manash Pratim Sarmah

In momentous acclaim, Mr. Manash Pratim Sarmah from the Department of Zoology authored a breakthrough chapter titled "Design Future Crops with Stress Resilience by CRISPR/Cas Reprogramming Noncoding RNAs" in the book Genome and Epigenome Editing for Stress Tolerant Crops (1st Ed., edited by Jen-Tsung Chen) published on 24th June, 2025.

Currently pursuing his PhD at Mizoram University, Mr. Manash has also cleared CSIR-UGC NET (Dec 2024) and was the Gold Medalist and Best Postgraduate of his batch at USTM.



Research by Faculty Members in the Month of June, 2025

	TITLE	JOURNAL NAME	AUTHOR
◆	Harnessing a novel organophotocatalyst for C-H functionalization and E-Z isomerization	European Journal of Organic Chemistry, Volume 28, Issue 22	Dr. Mohit L. Deb
◆	The Beauty of Serendipity in Organic Synthesis: Unveiling Unexpected Pathways to Novel Molecules	ChemistrySelect, Volume 10, Issue 24	Dr. Mohit L. Deb
	Monpas' Traditional Village Council and Customary Law A Study of Transition with reference to Gender Participation	Sampratyaya, Volume 2, Number 1	Dr. (Md) Nazeer Hussain
◆	Problems And Prospects of Livelihood Diversification Among The Mising And Sonowal Kachari Tribes In Dibrugarh District of Assam	TANZ, Volume 20, Issue 6	Prof. Sanjib Kr Dutta
◆	A Study on Livelihood Diversification among the Mising Tribe Living in Riverine Areas of Dhemaji District of Assam	APORTES, Volume 16, Issue 6	Ms. Gayatri Saikia Prof. Sanjib Kr Dutta
◆	Higher Education Institutions and Technology Enabled Learning in Light of NEP 2020	International Research Journal of HR and Social Sc, Volume 12, Issue 06	Dr. Sarnistha Choudhury
◆	Vermicompost: an efficacious alternative for reusing agricultural organic litter	Vegetos	Dr. Madhusmita Borthakur
◆	Preliminary checklist of butterfly fauna from Bongaigaon district of Assam	Uttar Pradesh Journal of Zoology, Volume 46, Issue 14	Dr. Manjit K. Ray
◆	Truth Under Siege: Disinformation, Misinformation, and the Erosion of Human Rights in the Indian Social Media Sphere	Lex Lumen Research Journal, Volume 1, Issue 4	Dr. Baharul Islam
◆	Regulating the digital Trap: Legal Perspectives on Youth and Social Media Addiction	Indian Journal of Law and Legal Research, Volume VII, Issue III	Dr. Baharul Islam
◆	Traditional Mosquito Repellent Practices in North-East India: A Study	International Journal of Enviro. Sciences, Volume 11, Issue 4S	Tanjima Tarique Laskar
◆	Checklist of Ichthyofaunal Diversity of Nagaland, India	Journal of Fisheries Volume 13, No. 2	Dr. Kangkan Jyoti Sarma
	Foraging Ecology of The Greater Adjutant Stork, <i>Leptoptilos debius</i> in Certain Wetlands and a Garbage Dump in Assam, India	Academia Journal of Biology, Volume 47 (2)	Dr. D. K Sharma
◆	Behavioral Finance and Business Management: Understanding Decision-Making Biases	IGI Global Scientific Publishing.	Dr. Nilanjan Mazumdar
◆	Exploring the Potential of Reinforcement Learning in Supply Chain Management and Operations	IGI Global Scientific Publishing.	Dr. Nilanjan Mazumdar
◆	Application of Simpson's Diversity Indices and Shannon's diversity index for the study of Arbuscular Mycorrhiza (AM) Association in Some Medicinal Plants of Meghalaya	Eco. Env. & Cons.	Dr. Dhritiman Chanda
◆	Journal of Humanities, Socio-Scientific Research, Creative Literature & Science	An Analytical Study of Role of Women- Entrepreneurship in Indian Economy: With Special Reference to Assam Volume 26	Dr. Jhorna Sharma

Some Highlights of Events in June 2025



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