



Unveiling Excellence

USTM Newsletter

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

NIRF India Ranking-2024 (151-200)

Accredited 'A' Grade by NAAC

Volume 14, Issue 3, March 2025

CM Conrad Sangma Launches PIMC Health Shuttles



Meghalaya Chief Minister Conrad K. Sangma launched the Health Shuttle initiative by P.A. Sangma International Medical College & Hospital (PIMC) to enhance healthcare accessibility across the state on 6th February 2025. The program aims to provide pre-hospital transportation for patients and their attendants, ensuring better access to medical facilities, particularly in rural and urban areas.

Speaking at the event, the Chief Minister emphasized the significance of the initiative, stating, "This is a unique and much-needed effort by PIMC. Despite the challenges of setting up a medical college, the institution has taken proactive steps to improve healthcare accessibility. The Health Shuttle service will not only benefit rural communities but also strengthen the healthcare network in Shillong and beyond."

Minister of Health & Family Welfare, Dr. M. Ampareen Lyngdoh, USTM Chancellor M Hoque, USTM Vice-Chancellor Prof GD Sharma, Pro Vice-Chancellor Padma Shri Dr Sarbeswar Sahariah, PIMC Principal Prof Dr Abhinandan Das, Director of Medical Education Dr. Jogesh Sharma, and healthcare professionals from both PIMC and the Government of Meghalaya were present on the event. The launch event was held at the precincts of the Chief Minister's residence.

National Conference on Human Rights



The Department of Social Work inaugurated a two-day national conference titled "Elderly Life Matters: A Human Rights Perspective." Sponsored by the National Human Rights Commission in New Delhi, the conference aims to address critical issues affecting the elderly from a human rights perspective on 10th February 2025.

Smt. Iamonlang M. Syiem, Chairperson of the Meghalaya State Women's Commission, served as the Chief Guest at the event, accompanied by Smt. Felicita L. Majaw, a former member of the Meghalaya State Women's Commission.

The event was further enhanced by the presence of Shri Himanshu Rath, Founder and Chairman of Agewell Foundation, India, who attended as the Guest of Honour, alongside Prof. Abdulrahim Vijapur, former Chairman of the Department of Political Science at Aligarh Muslim University (AMU). Dr Amit Choudhury, Dean, School of Technology & Management, USTM also addressed the inaugural session.

Outstanding Vice Chancellor in India Award to USTM VC

Prof. G.D. Sharma, Vice Chancellor of USTM and former President of the Association of Indian Universities has been conferred with the prestigious "Outstanding Vice Chancellor in India" Award by the Indian Education Network. The award was presented at the 14th India Education Summit 2025 in New Delhi in recognition of his remarkable leadership, dedication, and transformative contributions to higher education on 12th February 2025.

The Indian Education Network acknowledged Prof. Sharma's inspiring insight and academic contributions, stating that his vision will continue to motivate the academic community and beyond. His leadership at USTM has played a pivotal role in elevating the institution's academic excellence and fostering innovation.

Prof. Sharma was also a distinguished panel speaker at the summit, addressing the topic: "Higher Education in the 21st Century Workplace: Expanding Boundaries of Education, Skill, and Employability." The event witnessed the presence of Prof. T.G. Sitaram, Chairman AICTE; Dr. Harivansh Chaturvedi, Director General of IILM and Alternate President of EPSI; Dr. Vijendra; Dr. Vikas Jain; along with nearly 100 Vice Chancellors, Directors, industry leaders, and senior officials.



Ph.D. Orientation held



USTM successfully conducted the Orientation Programme for PhD scholars of the 2025A batch, signifying the formal initiation of their research journey on 15th February 2025.

The programme commenced with an inspiring Welcome address by the Hon'ble Vice Chancellor, Prof. G.D. Sharma, who outlined the crucial aspects of doctoral research. He highlighted the significance of coursework, research publications, and the vast scope of research opportunities available in the Northeastern region of India.

The first keynote session was delivered by Dr. S.R. Joshi, Professor, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Shillong, Meghalaya. The second session was led by Prof. Kipgen, who provided valuable insights into exploring research topics from multiple perspectives. Prof. R.K. Sharma, Advisor USTM reinforced the key takeaways from the sessions and motivated scholars to uphold the highest standards of research excellence.

In the second session, Dr. Nurujaman Laskar, the Controller of Examination and Admissions, provided a detailed explanation of the PhD rules and regulations as stipulated by the UGC. Furthermore, Dr Enamul Karim, Dean from the School of Applied Sciences, Prof Gayatree Goswami Dean of Professor Qumurul School of Education and Prof Amit Choudhury, School of Technology and Management, Dr Mitali Gosawmi, HoD Department of English and Dr Amirul Hussain Barbhuiyan, School of Allied Sciences shared valuable insights on the rigorous yet rewarding journey of pursuing a PhD.

JNU Prof. Delivers Lecture on Determinants of National Security

On 15th February 2025, Prof Swaran Singh, Former Chairman, Centre for International Politics Organization and Disarmament (CIPOD), JNU and President, Association of Asia Scholars visited the Department of Political Science and delivered a lecture on "Determinants of National Security: Indian Perspectives". The session was organized by the Centre for Advanced International Studies, USTM in collaboration with the Department of Political Science, USTM.



International Cardiologists Provide Vision for Cardiology Facilities at PIMC



In a significant step towards strengthening cardiology services in the region, three distinguished cardiologists of international repute visited PA Sangma International Medical College and Hospital (PIMC) on 15th February 2025.

The visiting experts included Dr. Subhash Chandra, Chairman of Interventional Cardiology & Structural Heart Disease at BLK-Max Super Speciality Hospital, New Delhi; Dr. M.U. Rabbani, Eminent Cardiologist and Former Dean, Faculty of Medicine & Chairman, Department of Cardiology, JN Medical College, AMU, Aligarh; and Dr. N.D. Azam Haseen, Professor & Chairman, Department of Cardiothoracic Surgery, JN Medical College, AMU.

During their visit, the cardiologists toured the Super Speciality Block of PIMC, assessing the existing infrastructure and engaging in strategic discussions to enhance cardiology services. A key highlight of the visit was an interactive session with the first batch of MBBS students, where the cardiologists shared their vast experience and insights.

The visiting cardiologists shared their vision for the proposed cardiology setup at PIMC, offering valuable recommendations for its development. They also engaged in discussions with the faculty and doctors of PIMC, exchanging ideas and best practices to ensure the successful establishment of a state-of-the-art cardiac care centre.

Continuing Medical Education



The PA Sangma International Medical College & Hospital (PIMCH) marked World Cancer Day on 4th February 2025 with a Continuing Medical Education (CME) program under the theme “United by Unique.” Organized by the Department of Microbiology in collaboration with the Department of Pulmonary Medicine and the Medical Education Unit at PIMCH, the event brought together medical professionals, faculty, and students for insightful discussions on cancer awareness, early diagnosis, and treatment strategies.

Gracing the occasion as the Chief Guest, Dr. M. N. Baruah, Founder Managing Director of North East Cancer Hospital and Research Institute, shared his expertise on the challenges and advancements in cancer treatment. The inaugural session witnessed the presence of eminent dignitaries, including USTM Chancellor Shri Mahbubul Hoque, Vice Chancellor Prof. G. D. Sharma, Pro Vice Chancellor and Padma Shri awardee Dr. Sarbeswar Sahariah, PIMC Principal Prof. (Dr.) Abhinandan Das, USTM Director of Medical Education and Research Dr. Jogesh Sarmah, and PIMC MEU Coordinator Dr. Swaroop Baruah.

Lecture on Legal Frameworks Against Sexual Harassment and Child Abuse

A lecture on “Critical Skills for a Safe & Quality Workplace: Legal Frameworks Against Sexual Harassment and Child Abuse” was delivered by Sneha Kalita, Senior Counsel Advocate on Record, Supreme Court & Standing Counsel of Gauhati High Court in a session organized by the University School of Law and Research, USTM on 1st February 2025.



Inaugural issue of USTM Journal of International Studies Released



The inaugural issue of USTM Journal of International Studies was released by Prof. GD Sharma, Hon'ble Vice Chancellor, USTM on 31st January 2025. Two Distinguished Non-Resident Fellows of the Centre for Advanced International Studies, USTM, namely Prof. Swaran Singh, Professor and former Chairperson, Centre for International Politics, School of International Studies, Jawaharlal Nehru University; and Prof Christian Kaunert, Professor of International Security; Director, Jean Monnet Centre of Excellence, Dublin City University attended the event online. Prof. Fabio Parasecoli Professor, New York University, attended the event as the Guests of Honour.

Dr Rejaul Karim Laskar, Director of the Centre for Advanced International Studies, USTM and the Editor of USTM Journal of International Studies also addressed the inaugural and thanked everyone who attended the programme.

The USTM Journal of International Studies is a peer-reviewed online journal. It provides an open-access platform for academics, scholars, and practitioners in the fields of international relations, diplomacy, and area studies.

Capacity Building Programme

From 20th January to 1st February, a 12-day Capacity Building Program was successfully held at USTM. The keynote address was delivered by Dr. Abhigyan Bhattacharjee, Professor in the Department of Management at NEHU. On the following days, the technical sessions began with foundational sessions on Research Methodology by Dr. Abhigyan Bhattacharjee (NEHU), and on Research Design and Planning by Prof. Sambit Mallick (IIT Guwahati).



Distinguished guests like, Dr. F.R. Sumer (NEHU) discussed literature review techniques in the Digital Age and software like Mendeley. Prof. Debasis Neogi (NIT Agartala) covered Techniques of Qualitative Research and the Art of Report Writing for Qualitative Research. Dr. Jayanta Choudhury (Tripura University) explored Fundamentals of Qualitative and Quantitative Research, followed by a session on Techniques of Data Analysis. Dr. Anjan Bhuyan (Tezpur University) led a session on SPSS for Data Analysis, building on previous sessions. Dr. Sandeep Gupta (Nagaland University) discussed Recent Trends in Social Sciences Research and Crafting a Theoretical Framework. Prof. Giribabu M (Mizoram University) covered Sampling Techniques and Data Collection Methods, including digital tools. Prof. Bhagirathi Panda (ICSSR-NERC NEHU) provided insights into Grant Writing and Funding Opportunities.

Saraswati Puja Celebrated



The sacred day of Saraswati Puja at USTM was filled with devotion, joy, and reverence as Students, faculty, and staff gathered to honor Goddess Saraswati, the embodiment of wisdom, learning, and the arts on 3rd February 2025.

USTM Collaborates with UP Govt. to Advance Swachh Bharat Mission Urban 2.0

USTM was invited by the Government of Uttar Pradesh to participate in a high-level meeting with the Urban Development Department to support the state's efforts in achieving the targets of Swachh Bharat Mission – Urban 2.0. USTM has been empanelled as a Swachhta Knowledge Partner (SKP) for various states across India under the Ministry of Housing and Urban Affairs for the year 2024.

Dr. Nibedita Paul, Project Director, SKP, SBM (U) 2.0, USTM, represented the university at the meeting held on January 23, 2025, in Lucknow. The meeting was chaired by Mr. Anuj Kumar Jha (IAS), State Mission Director, SBM UP, and it focused on devising capacity-building strategies for all urban local bodies (ULBs) in Uttar Pradesh. Dr. Paul presented USTM's strategic approach for achieving the mission's objectives, highlighting key gaps that need to be addressed to accelerate progress. In recognition of USTM's contributions, the Urban Development Department of Uttar Pradesh has extended an offer to sign a Memorandum of Understanding (MoU) with USTM.



All Girls' Hackathon held by TechDiva, Akshar & USTM



The TechDiva Foundation, in collaboration with Akshar Foundation and the Computer Science Department of the successfully organized an All Girls' Hackathon on 8th February 2025. The event brought together 109 enthusiastic young girls along with seven government school teachers, including principals, fostering a vibrant atmosphere of learning and innovation.

The participating students hailed from Akshar Model School and various government schools where Akshar Foundation has initiated educational interventions. These schools included T.C. Government Girls High School, Laxminath Bezbaruah ME School, Sundarbari ME School, Lokapriya Bordoloi Vidyalaya, and Birubari Rupnagar Vidyalaya. The hackathon served as a platform for these young minds to explore coding and technology, igniting their passion for STEM fields.

Mr. Manu Sekar, Founder CEO and Managing Trustee of the Chennai-based TechDiva Foundation, Prof. Dr. Alaka Sarma, Founder Director of Akshar Foundation, and Tridib Dutta, Zone Supervisor at Akshar Foundation were present during the event, apart from others.

Outreach Programme at KTR Memorial School

The University School of Law and Research (USLR) organized an insightful outreach programme, "Discover Your Voice: An Introduction to Youth Advocacy," on 8th February 2025 at KTR Memorial



School, Narengi, Assam. The initiative aimed to educate and empower students on free speech, youth advocacy, and social responsibility.

The key highlights of the programme included: (a) Skit on Child Labour – A powerful student-led performance depicting the harsh realities and legal implications of child labour. (b) Group Discussions – Engaging sessions encouraging students to voice their opinions on contemporary social issues and build confidence in public speaking. (c) Interactive Talks – Thought-provoking discussions on socio-legal topics to inspire awareness and civic responsibility. (d) Open Floor Interaction – A dynamic Q&A session where students explored the significance of advocacy in a democratic society.

Workshop on Cancer Rehabilitation and the Importance of Quality Care

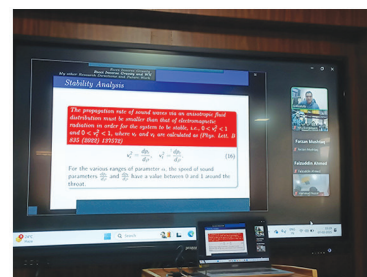
The Department of Physiotherapy organized a Workshop on Cancer Rehabilitation and the Importance of Quality Care on 8th February 2025 at NKC Auditorium. With Dr. Twist Lahan, Onco Physiotherapist from Dr. B. Barooah Cancer Institute, Guwahati, as the resource person, the session highlighted the crucial role of physiotherapy in cancer rehabilitation and quality patient care.



Webinar on Modified Gravity and Wormhole Geometries

The Department of Physics hosted an insightful webinar on "Modified Gravity and Wormhole Geometries: A Perspective" on 7th February 2025.

The session was delivered by Prof. Ghulam Mustafa (D.Sc.), a distinguished academic and relativist from Zhejiang Normal University, Republic of China. His expertise provided valuable perspectives on advanced gravitational theories and space-time structures.



Prof. G. D. Sharma Delivers Keynote Address at Gramin Bharat Mahotsav

Prof. G. D. Sharma, Vice Chancellor of USTM, was invited as the keynote speaker at Gramin Bharat Mahotsav organized by NABARD in Guwahati on 15th February 2025. The event witnessed the participation of over 100 artisans, handicrafts-men, and agri-startups, including one startup from USTM.



Darwin's Day 2025

The Department of Zoology celebrated Darwin's Day on 13th February 2025 to honor the birth and contributions of Charles Darwin, the pioneer of evolutionary theory.

The event featured an engaging lecture by Dr. Uttam Saikia, Scientist-D, North Eastern Regional Centre, Zoological Survey of India, Shillong, Meghalaya.

The session was attended by students from various departments under the School of Biological Sciences, USTM, who actively engaged with thought-provoking discussions.



Campus Bird Count

The Zoology Department has successfully organized the Campus Bird Count, an exciting event that brought together students, faculty, and nature enthusiasts on 15th February 2025.

Students from Animal Ecology and Wildlife Biology participated with full zeal, spotting and identifying more than 20 species within the campus. The event not only helped in documenting the avifaunal diversity but also created awareness about the importance of conservation and sustainability.



Indian Design Patent Published

An Indian Design Patent on Visualization Tool for Comparative Analysis of Animal Taxonomy was published by our research scholars Mr. Aditya Das and faculties Dr. Kangkan Jyoti Sarma, Mr. Sudipta Nag, Mr. Rizaul Karim Ahmed and Dr. Arup Nama Das from the Department of Zoology on 17th February 2025.



Workshop on Qualitative Training in Research Methodology of Social Sciences

The Department of Political Science conducted a research workshop titled, 'Qualitative Training in Research Methodology of Social Sciences' on 18th February 2025. Prof. Abdulrahim P. Vijapur, Former Head & Professor (Rtd.) was the resource person of the workshop. The workshop also had insightful interactions between the students and research scholars of the Department followed by active participation.



Seminar on Union Budget 2025 and North East India

The Department of Economics organized a seminar on the topic, "Union Budget 2025 and North East India: Opportunities, challenges and the way forward" on 18th February 2025. The keynote speakers of the session were Dr Bandana Chowdhury, Assistant Professor, Department of Economics, Gauhati University and Mrs. Mira



Borthakur Goswami, President of Assam Pradesh Mahila Congress. Dr Bandana Chowdhury gave an insightful speech about the technical prospects of the union budget, while Mrs. Mira Borthakur Goswami spoke about the social aspect.

Exposure of Phytozenix Pvt Ltd

Phytozenix Pvt Ltd-- USTM's first agrotech student startup under CIE and mentorship of Dr. Deboja Sharma and Dr. Parimita Saikia with a student group Bhubnesh Kashyap (CEO), Sohail Ameen Saharia (COO) and Manirul Islam (CTO) and Abhilash Bora (CFO) got an opportunity to display their product at Grameen Bharat Mahotsav NE- GHY organized by NABARD from 8th-16th Feb 2025. Their stall was recognized, appreciated and encouraged by many viewers including the speaker of Assam Legislative Assembly Shri Biswajit Daimary, the owner of SRD Group and many more.



Musical Extravaganza of Dr. Pandit Ranjit Sengupta

The legendary Dr. Pandit Ranjit Sengupta captivated the audience with his mesmerizing sarod performance at NKC Auditorium, USTM on 19th February 2025. His magical melodies left everyone spellbound!

This event was presented by the Cultural Forum of the university. Faculty, students from various departments participated in the musical display.



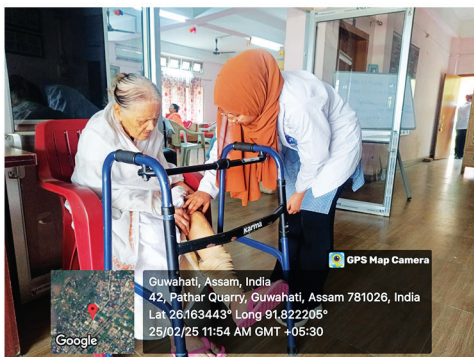
Session on ways of strengthening the role of the IQAC

USTM hosted an insightful interactive session with Heads of Departments (HoDs) and faculty members, led by Dr. B.S. Madhukar, Former Advisor, NAAC on 20th February, 2025. The session aimed at strengthening the role of the Internal Quality Assurance Cell (IQAC) in driving continuous academic excellence through strategic improvements in teaching, learning, and research.

Dr. Madhukar emphasized the need for an outcome-based approach in faculty development, encouraging educators to disseminate key learnings from Faculty Development Programs (FDPs) among their peers. He underscored the significance of interdisciplinary knowledge-sharing sessions to promote collaboration and innovation.



Free Health Camp at Amar Ghar Old Age Home



The Department of Physiotherapy, organized a Free Physiotherapy Health Camp at Amar Ghar Old Age Home, aiming to promote the health and well-being of the elderly residents on 25th February 2025. Under the guidance of Dr. Deepashree Deka, Assistant Professor, Department of Physiotherapy, a team of 30 students from the BPT 6th semester conducted comprehensive assessments and personalized physiotherapy sessions to address musculoskeletal, neurological, and mobility-related issues. Residents actively participated in exercises, posture correction techniques, and pain management therapies, receiving tailored care based on their individual needs.

In addition to hands-on therapy, educational sessions were conducted on joint health maintenance and fall prevention, equipping the elderly with essential knowledge for a healthier lifestyle.

National Science Day Celebrated

On the occasion of National Science Day on 28th February 2025, the Department of Physics and Chemistry organized a Poster Competition based on the national theme: "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat." Students from various departments showcased their creativity and scientific acumen, presenting innovative ideas and solutions through vibrant posters. A distinguished panel of judges evaluated the entries, and the best posters were awarded prizes and certificates in recognition of their brilliance.



Workshop on DNA Bar-Coding

Students from the Department of Botany, participated in a 2-day workshop on "DNA Bar-coding" sponsored by Department of Bio-Technology, Government of India which was held from 21st to 22nd February 2025 at Advanced Level Institutional Biotech Hub, Handique Girls' College, Guwahati.



USTM Shines in Tarang Utsav 2024-25



Team USTM has made a remarkable impact at the Tarang Utsav 2024-25, held from 27th to 31st January at ICFAI University, Tripura. Our students showcased their skills and brought home five prestigious prizes across multiple categories. In Spot Photography, first position was grabbed by Alakesh Gogoi from the Department of Computer Science. In Mehendi, third position was grabbed by Himasree Das from the Department of Computer Science. In Cartooning, fourth position was grabbed by Abinash Saharia from the Dept. of Psychology. In Western Instrumental Solo, fourth position was secured by Prantik Rajbongshi from the Department of Computer Science. In Folk Orchestra, the third position was grabbed by USTM team comprising Bikash Sarmah, Dhiman Chakrabarty, Trishnita Saikia, Prantik Rajbongshi, Niloptal Deka, Raktim Bania, Debasmita Kalita, Disha Gogoi, Swapnanil Kalita.

Outreach at ASSISI School



On 28th February 2025, National Science Day was celebrated by the Department of Computer Science in collaboration with the NSS unit of the USTM. They organized an outreach activity titled “Science for All: Reaching Out to the Community” at ASSISI School, Kiling, Meghalaya.

USTM Computer Science students conducted live demonstrations in two categories: Class 1 to 3 and Class 4 to 7, making science accessible and enjoyable for the school children. In addition to the experiments, the team also organized a Science Quiz to encourage active participation. The winners were awarded prizes, adding enthusiasm and motivation to the learning experience.

Exposure Visit by Kamrup Jatiya Vidyalaya



A group of enthusiastic students and teachers from Kamrup Jatiya Vidyalaya, Pub Checha, Hajo visited USTM for an exposure visit on 5th February 2025. Students explored various departments, witnessed innovative projects, and gained insights into higher education pathways.

53 USTM Students Qualify UGC-NET in the Latest Results



USTM continues to set new benchmarks in preparing students for national-level competitive exams. In the recently declared results for the UGC-NET exams held in December 2024, more than 53 students from USTM have successfully cleared the prestigious examination. Under its unique Pay Back Policy, USTM will reimburse the entire course fee to these NET-qualified students as a reward for their outstanding achievement.

Alumni Success

Distinguished alumni from the Department of Zoology and Department of Physics, USTM, were provisionally selected for their PhD programs at North-Eastern Hill University (NEHU), Shillong, one of the premier Central Universities in Northeast India on 20th February 2025.

Ms. Anushka Patowary and Ms. Shaneem Lanong from the Department of Physics and Ms. Karpun Puli Doley and Ms. Rimli Basumatary from the Department of Zoology were selected at NEHU for their further research works.



MS. RIMLI BASUMATARY



MS. KARPUN PULI DOLEY



MS. ANUSHKA PATOWARY



MS. SHANEEM LANONG

List of Publication during February 2025

Title	Journal Name	Writer
▶ Polar hockey-stick-shaped liquid crystals with lateral single bond F, single bond Cl and single bond CH ₃ substitutions	Journal of Molecular Liquids	Dr. Golam Mohiuddin
▶ Impact of Flood on the Livelihood of Tribal Community: With Special Reference to the Rural Region of Morigaon, Assam	International Journal for Multidisciplinary Research (IJMR)	Dr. Banti Deori
▶ Digital Urbanism in Northeast India: A Study on the Smart City of Agartala, Tripura, India	Third concept: An International Journal of Ideas	Dr. Banti Deori
▶ Gender, Caste And Sanitation: Understanding The Exploitation Of Women Sanitation Workers In India	Rabindra Bharati University Journal of Economics	Ms. Afsana Arlin & Ms. Shilpa Das
▶ Entrepreneurship: Emergence, Components & Why?	Rabindra Bharati University Journal of Economics	Ms. Rinita Sinha
▶ Consequences Of Child Marriage: An Examination In Bhaskar Nagar Slum, Guwahati	Rabindra Bharati University Journal of Economics	Dr. Sangita Mahanta & Ms. Nriyjanjali Sarmah
▶ Empowering Women As Mediators For Sustainable Peace In Diverse Communities Of Assam	International Journal of Cultural Studies and Social Sciences	Ms. Nriyjanjali Sarmah & Dr. Nibedita Paul
▶ Narcissistic Personality Indicators as Predictors of Narcissistic Personality Disorder: A cross-cultural study	An - Najah University Journal for Research - B (Humanities)	Dr. Zulfiqar Ullah Siddiqui
▶ Sustainable Valorization of Fruit and Vegetable Waste for Bioactive Compounds: Advancing Functional Food and Wellness	Waste and Biomass Valorization	Dr. Yugal Kishore Mohanta
▶ Molecular docking and in vitro studies of Malva Sylvestris for Anti-arthritis, Anti-diabetic, Anti-coagulant, Anthelmintic and Antioxidant activity	Periodico di Mineralogia	Tanjima Tarique Laskar
▶ Harnessing the Power of Bioactive Peptides in Cancer Therapy	Indian Journal of Natural Sciences	Tanjima Tarique Laskar
▶ Metformin: Beyond Diabetes Management to Neuroprotection and Cognitive Enhancement	Current Pharmacology Reports	Sumit Dutta
▶ Reinforcement Learning for Dynamic Security Policy Enforcement in Communication Networks	Cuestiones de Fisioterapia	Dr Atowar ul Islam
▶ Fast-moving electrostatic solitons in a plasma with turbulence heating	The European Physical Journal Plus	Dr. Murchana Khusroo
▶ Measures of quantum information for a graphene Dirac electron under the influence of magnetic fields	Indian Journal of Physics Publishing model	Dr. Faizuddin Ahmed
▶ Vacuum spacetime with closed time-like curves in the context of Ricci-inverse gravity	Modern Physics Letters A	Dr. Faizuddin Ahmed
▶ Interacting fermion–antifermion pairs via Cornell-type coupling in magnetized space–time with a cosmological constant	Proceedings of the Royal society A	Dr. Faizuddin Ahmed
▶ Water Chemistry Dynamics in Dighalipukhuri Lake: The Influence of Cyanobacterial Bloom Density	Eco. Env. & Cons.	Dr. Mautushi Das
▶ The Diversity and Utilization of Genus Solanum L. in North East India: A Review	Eco. Env. & Cons.	Dr. Nibedita Das
▶ Isolation And Characterization of Vesicular Arbuscular Mycorrhiza (Vam) From Some Vegetables In Kamrup District, Assam	BIOINFOLET	Dr. Dhritiman Chanda

Pool Campus Drive



The Training & Placement Division successfully organized a Pool Campus Drive in collaboration with DMart, one of India's leading retail chains, on 10th February 2025. The placement drive provided a valuable opportunity for students to interact with industry professionals and explore career prospects with a renowned organization. The recruitment team from DMart included distinguished professionals Mr. Sandeep Kumar – Deputy General Manager, HR (North), Mr. Amit Khanna – Circle Head, Mr. Indresh Bhabuta – Circle Head & Mr. Reshav Kumar – Assistant Manager, HR. Their presence and insights added immense value to the placement drive, offering students a comprehensive understanding of the company's work culture, expectations, and career growth opportunities. The event commenced with an online assessment followed by a pre-placement talk and personal interview round. Around 100 students from USTM and other Colleges actively participated in the drive showcasing enthusiasm, confidence, and a keen interest in joining DMart.

Campus Recruitment Drive



The Training and Placement Division, USTM, successfully organized the Campus Recruitment Drive 07 (2024-25), in collaboration with Rajasthan Grameen Aajeevika Vikas Parishad (RGAVP) on 25th February 2025. The drive witnessed enthusiastic participation of students.

Book Released

The Department of Psychology, PQH School of Education, USTM published an edited book titled "Positive Psychology for Holistic Health & Well-being" which was released by Chancellor Shri Mahbubul Hoque on 13th February 2025. This scholarly work brings together a wealth of knowledge, edited by Dr. Zulfiqar Ullah Siddiqui, Associate Professor Punita Borpujari Deori, Assistant Professor; Prof. Akbar Hussain (Retd.), Department of Psychology, Aligarh Muslim University; Prof. Aziz Uddin Khan, Department of HSS, IIT Bombay, Maharashtra; Md. Aynul Bari, Assistant Professor, PQH School of Education. The book has been published by Bharti Publications, New Delhi.



THE TIMES OF INDIA

CM Conrad launches health shuttle service in Meghalaya

Initiative Aims To Cater To Rural and Urban Areas

Manoshi Das | TNN



CM Conrad K Sangma flags off the Meghalaya health shuttle service in Shillong on Thursday

to provide pre-hospital transportation for patients and their attendants, ensuring better access to medical facilities.

"Ensuring accessible healthcare for our people has always been a priority," the CM said after flagging off the dedicated vehicles to provide the service.

healthcare system. Grateful to see this vision take shape for the well-being of our people," the CM said.

Lauding the PIMC for the initiative, he said, "This is a unique and much-needed intervention by PIMC. Despite the challenges of setting up a medical college, the institute

network in Shillong and beyond."

Highlighting the role of such initiatives in bridging gaps in healthcare infrastructure, health minister M. Parveen Lyngdoh said, "Transport remains a major barrier in accessing quality medical care. The introduction of these shuttles will provide a streamlined approach to mobility, especially for those from underserved regions."

The health shuttle service began with ten vehicles dedicated to rural and five serving urban areas, including Shillong. The two urban shuttles will operate within Shillong provisions for expansion based on demand.

"To further streamline operations, PIMC plans to introduce a mobile application enabling patients to book transport as needed," M. Parveen Lyngdoh said.

The Assam Rising

Projecting the best of Northeast India everyday

Issue No. 22 ■ RNI-ASSENG/2014/58385 | GUWAHATI ■ WEDNESDAY ■ FEBRUARY 26, 2025 | PAGES 8 ■ PRICE

50 USTM Students Qualify UGC-NET in the Latest Results

Assam Rising, Guwahati, February 25: The University of Science and Technology Meghalaya (USTM) continues to set new benchmarks in preparing students for national-level competitive exams. In the recently declared results for the UGC-NET exams held in December 2024, more than 50 students from USTM have successfully cleared the

The Sentinel

of this land, for its people

VOL XXXX NO. 289 Regd. No. 40782/83 GUWAHATI FRIDAY 7 FEBRUARY 2025 Rs 7.00



Meghalaya Chief Minister Conrad K. Sangma launching PIMC Health Shuttles

THE MEGHALAYA GUARDIAN

SHILLONG ■ WEDNESDAY ■ FEBRUARY 19, 2025

USTM hosts comprehensive orientation programme for PhD scholars

MILE. Khanapara. RI Bhoi, FEB 18 : The University of Science and Technology Meghalaya (USTM) successfully conducted the Orientation Programme for PhD scholars of the 1st batch, signifying the formal initiation of their research journey. The programme commenced with an official Welcome address by the Hon'ble Chancellor, Prof. G.D. Sharma, who outlined the crucial aspects of doctoral research. He highlighted the significance of research, research publications, and the scope of research opportunities available in the Northeastern region of India. The first keynote session was delivered by S.R. Joshi, Professor, Department of Technology & Bioinformatics, North-India Hill University, Shillong, Meghalaya, through a thought-provoking lecture. Dr. Joshi touched upon the fundamental ethos of research, key deliverables, and the hallmarks of quality research. He stressed the importance of maintaining research ethics, integrity, and originality. The second session was led by Prof. Kipgen, who provided valuable insights into exploring research topics from multiple perspectives. He

offered expert guidance on publishing in high-impact, peer-reviewed journals indexed in Web of Science and Scopus, while cautioning scholars against predatory journals that compromise academic integrity. He further



emphasized the necessity of increasing research citations and fostering a culture of knowledge-sharing among academics to actively participate in national and international conferences and seminars to enhance their exposure and stay updated with global research advancements. Prof. R.K. Sharma, Advisor USTM reinforced the key takeaways from the sessions and

motivated scholars to uphold the standards of research excellence, ensuring that their contributions are impactful and globally recognized.

In the second session, Dr. Nurjama, the Controller of Examinations, provided a detailed explanation of the PhD regulations as stipulated by the USTM. He explained the step-by-step processes and formalities followed at USTM and emphasized the critical importance of maintaining consistent attendance, adhering to institutional guidelines, and ensuring the timely completion of work.

Furthermore, Dr. Enamul Karim Das, School of Applied Sciences, Prof. Goswami Dean Professor Qumun, Education and Prof. Amit Choudhury, School of Technology and Management, Goswami, HoD Department of English, Amirul Hussain Barbhuiyan, School of Sciences shared valuable insights into rigorous PhD research.

Eastern Chronicle

Global cardiology experts chart roadmap for world-class heart care at PIMC

CHRONICLE NEWS SERVICE
GUWAHATI: In a significant move to elevate cardiology services in Northeast India, three international acclaimed cardiologists visited the PA Sangma International College and Hospital (PIMC) on Saturday. Their visit focused on providing strategic insights and expert recommendations for the development of a state-of-the-art cardiac care centre at the institution. The esteemed specialists included Dr. Subhash Chandra, Chairman of Interventional Cardiology & Structural Heart Disease, BLK-Max Super Speciality Hospital, New Delhi; Dr. M.U. Rabbani, Eminent Cardiologist and Former Faculty of Medicine, JN Medical College, AMU and Dr.

Medical College, AMU. During their visit, the experts toured the Super Speciality Block, assessed the existing infrastructure, and held high-level discussions with faculty and doctors on enhancing cardiac services. Their recommendations are expected to play a pivotal role in shaping PIMC's vision for advanced cardiac care. USTM Chancellor Mahbulul Hoque welcomed the visit, emphasizing that their guidance would be instrumental in establishing a world-class cardiology centre at PIMC. A key highlight of the visit was an interactive session with the first batch of MBBS students, where the cardiologists shared their knowledge and experiences. Dr. Subhash Chandra stressed the importance of personal well-being and



Delegates with USTM Chancellor M Hoque. a healthy individual. Never let failure discourage you—embrace them as learning experiences. Effective communication can ease half of a patient's suffering. Above all, strive to be a compassionate human being, as patients often see doctors as next to God." Dr. N.D. Azam Haseer described medicine as a way of life, urging students to be structure-oriented and

যুগশঙ্খ

গুয়াহাটি • শিলচর • কলকাতা
গুয়াহাটি, শুক্রবার, ১৪ ফেব্রুয়ারি, ২০২৫, ১ ফাঙ্কন, ১৪৩১, নোট ১২ পাতা দাম ১০ টাকা
E-paper: jugasankhaepaper.com; পেতে অবসিধা হলে ফোন করুন: 7003657982

‘ভারতের অসাধারণ উপাচার্য’ পুরস্কার ইউএসটিএমের ভিসিকে

যুগশঙ্খ প্রতিবেদন
গুয়াহাটি। ১৩ ফেব্রুয়ারি
‘ভারতের অসাধারণ উপাচার্য’ পুরস্কার পেলেন মেঘালয়ের বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়ের (ইউএসটিএম) উপাচার্য এবং ভারতীয় বিশ্ববিদ্যালয়ের সমিতির প্রাক্তন সভাপতি অধ্যাপক জিডি শর্মা। বুধবার নয়াদিল্লিতে



1st Assam Handball Club Championship



Students from USTM participated in the 1st Assam Handball Club Championship held in Tamulpur, Baksa, from 7th February 2025 and secured 3rd position. The team of talented players includes Mahmudur Rahman Chowdhury, Minhajul Islam Barbhuiya, Diraz Mazumdar, Junaid Ahmed Choudhury, Raman Kumar, Rocktim Ranjan Borah.

Prayashi in Khelo India Wushu League



Prayashi Chutia from the Department of Social Work, USTM, participated in the Khelo India Wushu League 2025, held at DTRP Indoor Stadium, Guwahati. The event was organized by the Wushu Association of Assam, recognized by the Assam Olympic Association, and supported by the Ministry of Youth Affairs and Sports, Government of India.

Runner-up in Anveshana



A team from Department of Engineering and Technology secured the second prize in the regional-level competition on Engineering Innovation, "Anveshana" organized by Agastya. The event was held in Bineswar Brahma Engineering College, Kokrajhar, on 10th and 11th February 2025.

USTM Volleyball Team Champion in Alcheringa 2025



Team USTM emerged victory in Alcheringa 2025 3v3 volleyball finals defeating IIT Guwahati on their home turf. The team showcased exceptional skill, teamwork, and determination to claim the championship title on 6th February 2025. The team members were, Silsrang Momin, B.Tech Mechanical, Mehub Razza, Mayukh Nath, and Kangkan Thakuria.

Campus : Techno City, Khanapara, Kling Road, Baridua
9th Mile, Ri-Bhoi, Meghalaya-793101
E-mail : ustm2011@gmail.com,
Web : www.ustm.ac.in

Chief Editor : Dr Rani Pathak Das
Public Relations Officer
Compiled by : Julee Bezbaruah
Layout & Design : Dhiren Borah

For any information & suggestion on USTM Newsletter, kindly contact : 9864015651
Email : ranipathakdas@gmail.com Published by USTM Centre for Publications
Printed at : Aman Udyog Pvt. Ltd. Guwahati