

7th Memorial Lecture on the Role of PA Sangma for Progressive Meghalaya



USTM remembered former Lok Sabha Speaker and former Chief Minister of Meghalaya Late Shri PA Sangma on his 8th death anniversary and organized the 7th Memorial Lecture on "Role of PA Sangma for Progressive Meghalaya" on 4th March 2024. The lecture was delivered by Shri RS Mooshahary, Former Governor of Meghalaya in the presence of Shri Mahbul Hoque, Chancellor of USTM, Prof GD Sharma, Vice Chancellor of USTM, a host of faculty members, staff, and hundreds of students.

Addressing the gathering, Shri RS Mooshahary said that Late PA Sangma was the face of the North East, a legendary politician, and a forthright man dedicated to his work. "One of his most important achievements is that, like him, his children too are most civilized, there is no allegation of corruption against them. Shri Conrad Sangma is the most civilized Chief Minister of India", he said.

Shri Mahbul Hoque said that USTM is highly grateful to Late PA Sangma as he had a vital role during the enactment of the USTM Act in the Meghalaya Assembly in 2008. "Late PA Sangma was a visionary who wanted to nurture young minds through education. He was always a mentor and well-wisher and USTM is committed to him, particularly for his support and encouragement in our initiative to establish a higher educational institution in the state of Meghalaya". Prof GD Sharma made the concluding remarks and stated that Late PA Sangma was a person very well connected to people and helped Meghalaya to develop and shine.

Padma Shri Smt Parbati Baruah received USTM Social Work Excellence Award



The Department of Social Work at USTM celebrated World Social Work Day by awarding a noted social worker and organizing a talk, a play, and cultural presentations on 19th March 2024. This year's Social Work Excellence Award was presented to the renowned animal activist, politician, and India's first female mahout Padma Shri Smt Parbati Baruah. The award was handed over by Sri Bhaskar Jyoti Mahanta, IPS(Retd), State Chief Information Commissioner Assam in the presence of Prof GD Sharma, Vice Chancellor USTM, Dr Pradeep Ramavath, Associate Professor, Tata Institute of Social Sciences Guwahati among others.

Receiving the award, Padma Shri Smt Parbati Baruah said, "I am delighted to receive this recognition from USTM, and my gratitude to everyone for this honour". She said that culture is a very important aspect of life. To learn culture, we are not required to be literate, she said.

Sri Bhaskar Jyoti Mahanta, IPS(Retd) addressed the gathering as the Chief Guest. He said that the Social Work discipline instills a sense of service to society, a sense of value system in today's competitive world which is marked by the consumerist hunger to get everything quickly. One should not forget the Indian value system of respecting elders by the young generation, he added.

Faculty Researcher from USTM discovers new plant in Lohit district

Researchers from USTM, in association with researchers from CSIR-Northeast Institute of Science and Technology, Jorhat, have recently identified and described a novel flowering plant named “*Begonia naraharii* B. Hajong, N. Bhat & P. Bharali”. This discovery took place in the Lohit district of Arunachal Pradesh.

Dr. Nazir Ahmad Bhat, Assistant Professor at USTM, and Mr. Bipankar Hajong, PhD Scholar at CSIR-NEIST have spotted and collected some interesting individuals belonging to the genus



Begonia of the family Begoniaceae. They were helped and guided by Dr. Pankaj Bharali, Senior scientist at CSIR-NEIST. The specimens were packed and brought to the laboratory for analysis. After critical evaluation of these specimens and comparing them with all the known species of *Begonia* in the world, its identity was confirmed as an undescribed and new species within the genus *Begonia*.

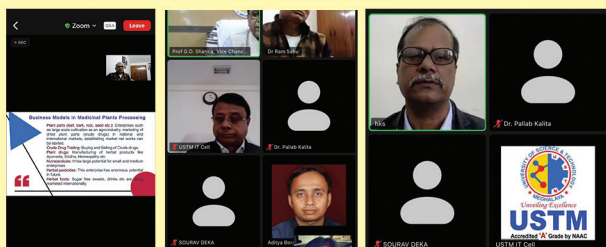
USTM Chemistry Student selected for European Union Scholarship

Mr. Mustafizur Rahman, a BSC-6th Semester student from the Department of Chemistry at USTM has been selected for the esteemed Erasmus Mundus Scholarship for MSC on Materials for Energy Storage and Conversion (MESC) in the European Union. This scholarship covers universities in Poland, France, Spain, Slovenia, and the USA. Only 36 students globally have been chosen for this program, marking the first time a student from North-East India has been selected for Erasmus Mundus MESC. According to the email from Prof Alejandro A. Franco mailed on 25th March, after the evaluation of Mustafizur’s application, they have ranked him on the main list of their selected students and he is “eligible for an Erasmus Mundus Joint Master Scholarship to pursue his studies within i-MESC, starting September 2024”.



Expressing his feelings on this outstanding achievement, Mustafizur Rahman said, “I would like to express my gratitude to the European Commission for the prestigious scholarship. Thanks to my supervisor Dr. Sarifuddin Gazi, a highly qualified esteemed professor and Head of the Dept. of Chemistry, USTM for continuously mentoring and guiding me during the whole B.Sc. course”. He further stated, “The Department of Chemistry has given me immense exposure in academic and research activities and paid continuous attention at every step during the application. I am very excited to represent India in the i-MESC program, and aspiring to excel as a material chemist”.

Pharma Anveshan 2024



The School of Pharmaceutical Sciences at USTM hosted the National Webinar titled “Exploring Opportunities in Ethnomedicinal Practices and Entrepreneurship Development: The Significance of Industry-Academia Collaboration in celebration of National Pharmacy Education Day on 7th March 2024. The event received guidance and support from the Pharmacy Council of India and drew over 275 participants from across Northeast India.

The webinar was graced by Prof. (Dr.) Hemanta Kumar Sharma, Professor at the Department of Pharmaceutical Sciences, Dibrugarh University, Dr. Ram Kumar Sahu, Associate Professor at the Department of Pharmaceutical Sciences, Hemvati Nandan Bahuguna Garhwal University, Srinagar as well as Utpal Kalita and Pallab Deka, Deputy Managers at Ajanta Pharma Ltd, Guwahati.

Skill Development Training Programme at USTM



A Skill Development Training Programme was held from 10th January to 9th March 2024. Training on Computer Hardware Repairing & Maintenance and Bakery/Confectionery Sweet Making Courses were arranged for the beneficiaries. These initiatives were conducted under the Khadi & Gramodyog Vikas Yojna (KGVY) scheme, sponsored by the Khadi and Village Industries Commission, Ministry of Micro, Small and Medium Enterprises, Government of India. This event was a significant step towards promoting skill development and entrepreneurship in the Northeast region. Participants gained invaluable insights and expertise during the sessions, deepening their understanding of the principles, practices, and opportunities within the Khadi and village industries sector.

Transgender Rituparna Neog speaks on Gender Identities



Department of Sociology organized a workshop on “Redefining Gender Identities in the 21st Century: Challenges and Way Forward” on 7th March 2024. The resource person for the session was Rituparna Neog, Associate Vice Chairman of State Transgender Welfare Board, Government of Assam. Prof GD Sharma, VC, USTM and Dr RK Sharma Advisor USTM also graced the workshop. Addressing a hall packed with young students, the resource person Rituparna Neog who has personally experienced gender-related identity conflicts, stated, “Why do we need to talk about gender? There are different problems and issues in society and it is around gender. We need to redefine gender and we need to talk about it.” Students from different departments interacted with Rituparna Neog about different issues on gender identities.

Outreach Program on Tech Empower

The Department of Computer Science, USTM organized an outreach program on Tech Empower: Bridging Horizon in Priyabandhu Bahumukhi Vidyalaya, Narengi on 22nd March 2024 to transform the impact of technology in enhancement of the ability of individuals, enabling them to achieve more, innovate, and connect with the world around them. Around 40 students from BCA joined this program and made it successful by presenting different technology-based tools among the school students. They also organized competitions like drawing and extempore speech. More than 50 school students actively participated in different competitions.



Exposure Visit to Rupahi College

Department of Applied Biology has organized a department exposure visit program for students of Rupahi College, Nagaon. A total of 19 students from the Botany Department of Rupahi College visited various laboratories and facilities of the Department of Applied Biology on 11th March 2024. The students were accompanied by three faculties of their Department. Dr. Deboja Sarma, HOD, Department of Applied Biology guided the team at Rupahi College. She explained the various aspects and opportunities of the Department to the students.



Journal of International Studies Released

USTM Journal of International Studies was launched on 12 March 2024 by Prof. Gauri Dutt Sharma, Vice Chancellor, USTM and President, the Association of Indian Universities at his office. This is the flagship journal of the Centre for Advanced International Studies, USTM. Two eminent members of the Editorial Board of this journal, namely Prof. Zbigniew Wojnowski, Associate Professor, University of Oxford and Prof. Catriona Kell, Senior Research Fellow, Trinity College, University of Cambridge participated in the event online. Prof. Amitabh Mattoo, Dean, School of International Studies, Jawaharlal Nehru University was the Guest of Honour. Dr Rejaul Karim Laskar, Director, Centre for Advanced International Studies, USTM, and Editor-in-Chief, USTM Journal of International Studies was also present at the book release event.



India's Techade-Chips for Viksit Bharat: Students listened to PM Modi



USTM organized a conference and listened to PM Narendra Modi through live streaming on 13th March 2024. The PM addressed the nation on "India's Techade-Chips for Viksit Bharat". This conference deliberated on India's Techade vision, India's Semi-Conductor Mission, and how Viksit Bharat @2047 can be achieved through research and innovation. Aligning with India's Semi-Conductor Mission and strengthening the semiconductor facilities in India, Hon'ble Prime Minister Shri Narendra Modi laid down the foundation stone of the three Semiconductor facilities on 13th March 2024. The three semiconductor facilities are: India's First Fab Facility in Dholera, Gujarat, OSAT facility in Sanand, Gujarat and OSAT facility in Morigaon, Assam

World Kidney Day



The PA Sangma International Medical College and Hospital (PIMC) in association with USTM organized World Kidney Day on 14th March 2024. To increase awareness of the importance of kidneys to our health and reduce the impact of kidney disease and associated problems worldwide, World Kidney Day is celebrated on the second Thursday of March every year. Renowned nephrologist and organ transplant specialist Padma Shri Dr. Sarbeswar Sahariah, Prof Dipti Devi, Ped Nephrologist, and Prof Chitralekha Baruah from the Department of Medicine, PIMC, USTM, graced and addressed on the occasion. On the other hand, the Social Work department also organized World Kidney Day and discussed the detrimental effects of stress, unhealthy dietary habits, and the importance of regular health check-ups in safeguarding our kidneys.

Women's Day Celebrated by various Departments

International Women's Day 2024, was celebrated in various departments of USTM on 8th March, 2024. The celebration ranged from staging plays, showing documentaries, talks, to honoring members of women Self Help Groups of Ri-Bhoi.

The Centre for Gender Studies at USTM screened a documentary for students and other members alike to create awareness of Gender Equality and equal opportunity among students as well as faculties. The theme chosen by the centre was "Gender inequality and the need for Gender centric investment in sports in India". Prof GD Sharma, Vice Chancellor of USTM addressed the students thereafter focusing on the theme. Department of Economics in association with the department of Commerce organized a workshop themed "Economic Empowerment of Women in Meghalaya through Self Help Groups". Two renowned women leaders Smti. Felicita L Majaw, Member, Meghalaya State Commission for Women and Dr Bandana Chowdhury, Assistant Professor, Department of Economics, Guahati University were the special guests on the occasion.

On the other hand, the Department of Pharmaceutical Sciences conducted a webinar on women's health issues. The Department of Rural Development, Department of Earth Science, Department of Khasi, and Department of Garo too observed International Women's Day by organizing various activities. With the theme "Investing in Women: Accelerate Progress", students and faculty of the Social Work department joined hands with Snehalaya Guwahati, a devoted team working towards women's rights. Participants engaged in discussions and debates, shedding light on the pressing issues faced by women today.

The PQH School of Education inaugurated three wall magazines prepared by students of Psychology, B.Ed. and Education, respectively. A skit was performed by the students emphasizing the transformative power of women's education. A special ceremony was held to felicitate women for their contribution to the workplace and beyond in collaboration with NSS cell.

Department of Rural Development also recognizes and celebrate the remarkable contributions of women farmers in All Kiling Dorbar, where 11 progressive women farmers were felicitated

Training on Bee-keeping

Department of Rural Development recently concluded a month-long certificate course on Beekeeping, which was aimed at equipping students with both basic and modern beekeeping techniques. This training was conducted at the Apiculture Unit, Department of Rural Development and it engaged students from the Department of Rural Development, showcasing their enthusiasm for learning. Saikat Majumdar, a master trainer, led the program and ensured that students gained practical experience and theoretical knowledge on honey extraction and hive management.



Discussions of educational collaboration between India and Ireland



Professor G.D. Sharma, Vice Chancellor of USTM and President of the Association of Indian Universities, was invited by Wendy Dsouza, Senior Vice President of Enterprise India and South Asia, to participate in a meeting that was held on 14th March 2024 with the Honorable Minister of Education, Mr. Simon Coveney of Ireland, to strengthen the relationship and cooperation between educational institutions in Ireland and India. During the meeting, Professor Sharma provided an overview of the Indian education system and highlighted the potential for international collaboration under the National Education Policy (NEP) 2020, which aims to transform higher education to align with the socio-economic growth of the nation.

The meeting was attended by representatives from various Irish institutions, including the Director of South Asia University College Dublin, Trinity College Dublin, the Director of Technological University of the Shannon, University of Galway, and Maynooth University. From India, Dr. Archana Thakur, Joint Secretary of UGC, Vice Chancellors of Amity University, Directors of IIT Delhi, Bennett University, Jamia Millia Islamia, and the Coordinator of IIT Delhi were present. Additionally, officials from the UK participated to facilitate collaboration and streamline student admissions through the establishment of Memorandums of Understanding (MoUs).

VC shared valuable insights at the Indian Institute of Science, Bangalore

Professor G.D. Sharma, VC USTM participated in a meeting at the Indian Institute of Science, Bangalore on March 15th 2024. The attendees included Dr. Chandrashekhar N., President and Chairman of TATA Sons Ltd, Mumbai; Dr. Rangarajan, Director of IISc; Dr. Anil Sahatr Budhe, Chairman of National Education Technology; Dr. J. Kulkarni, President of Sri Sri; and others. They reviewed and contributed to discussions on the future strategic role of science and technology in emerging markets and the growth of India.



Life Support Ambulance handed over at PIMC

Chancellor of USTM, Mahbulul Hoque handed over a brand new Life Support Ambulance for the upcoming PA Sangma International Medical College and Hospital on 16th March 2024. The ambulance was received by Pro Vice-Chancellor, Padma Shri Dr. Sarbeswar Sahariah. It is a vital addition to the healthcare facilities of PIMC, USTM.



North East NSS Festival 2024



The North East NSS Festival of 2024 commenced on March 12th, 2024, and concluded on March 16, 2024. A total of 20 students from the USTM, along with a Program Officer, took part in diverse activities, earning medals for their outstanding performances.

Entrepreneurship Festival at Sonapur College



A team of three USTM students participated in the Entrepreneurship Festival at Sonapur College guided by Dr. Deboja Sharma from the Department of Applied Biology at USTM and Dr. Parimita Saikia from RIST. USTM Chancellor Shri M Hoque felicitated the team at his office.

World Meteorological Day



World Meteorological Day is celebrated every year on 23rd March 2024. This year the theme was 'At the Front line of Climate Action.' Dr. Lalit Saikia, Assistant Professor, Department of Earth Science, USTM was invited to the Regional Meteorological Centre, Borjhar, Guwahati (under Ministry of Earth Sciences, Govt. of India) to deliver a special lecture in a function on 22nd March organized on the occasion of Celebration of World Meteorological day. The function was organized by RMC in collaboration with Indian Meteorological Society, Guwahati Chapter.

World Poetry Day Observed



The World Poetry Day was enthusiastically celebrated at USTM on 21st March, 2024. The program was organized by the Department of English, in association with the Literary Forum and Poetry Consortium. Eminent Assamese poet and translator Shri Anis Uz-Zaman graced the occasion as the special guest. A receiver of the prestigious Gangadhar National Award for Poetry 2022 conferred by Sambalpur University, Shri Zaman was accompanied by his wife and distinguished academician Dr Shamim Akhtar. The event was also attended by Prof G.D, Sharma, Vice Chancellor USTM, and Dr R.K. Sharma, Advisor USTM.

The welcome address was delivered by Dr Mitali Goswami, the Head of the Department of English. The theme of World Poetry Day this year, which has been declared by UNESCO every year since 1999, was "Standing on the Shoulders of Giants" which nods to iconic writers of the past whose works enlarged poetry's footprint across cultures.

International Day of Forests



The Department of Zoology at USTM marked the International Day of Forests 2024 with a campus birding program led by veteran conservationists and wildlife biologists Mr. Imon Abedin and Mr. Joynal Abedin on 21st March 2024. Following this, a Logo Making Competition was held for Dwij Papers, a startup project of the Animal Ecology and Wildlife Biology course, as part of WWF India ECHO 2023-24. The project, aiming to address the paper waste issue by recycling waste papers into chemical-free handmade products, was introduced. Renowned primatologist Prof. Anindya Sinha from the Animal Behaviour and Cognition Programme at the National Institute of Advanced Studies, Bangalore, and Dr. Goutam Narayan, former director of the Pygmy Hog Research and Breeding Centre in Guwahati, addressed the students. Dr. Narayan Sharma, a faculty member of the Department of Environmental Biology and Wildlife Sciences at Cotton University, also participated in the event.

Outreach by Social Work Department



The Social Work Department organised outreach program for students in Maharashtra. Students of the Department went to the remote areas of Maharashtra to immerse themselves in the lives of respected yet disadvantaged communities. Students sat with the villagers to discuss their problems and promised to help them connect with the authorities soon. The visit was done on 27th March, 2024. On the other hand, BSW students of the Department of Social Work visited Jorabat and investigated the enrollment status of children aged 6-14. The visit was done on 23rd March 2024.

Outreach by Physics Department

Students from the Department of Physics dedicated an hour to A. W. Thomas School's senior students. They passionately shared various Physics experiments from their curriculum, igniting curiosity and interest in the minds of these young learners.



Workshop on Sustainable Agriculture and Rural Development



A 2-day workshop on "Sustainable Agriculture and Rural Development" began from 20th March 2024. Engaging and thought-provoking discussions focused on pioneering sustainable growth in rural sectors was the main part of the workshop. Distinguished resource persons of the event include Dr. Rajat Pal, Director, CDB; Dr. T.C Bhuyan, Senior Scientist, NECBDC; Dr. Siddhartha Sinha SART, IIT Guwahati; Pabitra Kalita, Jt. Director SIRD; and Dr. Jagadish Barman Veterinary Officer, Govt. of Assam. We were also honored to have our internal faculty members, Dr. Amit Choudhary, Dean of the School of Business Sciences and Director CIIE, along with Dr. Shaifuddin Gazi, Department of Chemistry USTM, as resource persons.

Field Orientation Programme



The Department of Rural Development in collaboration with the Coconut Development Board Regional Office Guwahati organized a Field Orientation Programme at Jorbil, Kling on 13th March 2024. Dr. Rajat Pal Director, CDB briefed about the developmental opportunities that the villagers could tap into with their active participation, stressing the importance of a community-driven approach to harness the village's latent potential. Mr. Lachit Deka, Liason Officer, Coffee Board engaged with the farmers on the exciting prospect of introducing coffee cultivation to the region, outlining the substantial benefits and government support available for such ventures. The programme proved to be an enriching exchange of ideas, setting the stage for sustainable development and collaborative success in the region.

Exposure visit of Sheikh Ahmed Ali Girls Academy

Students from Sheikh Ahmed Ali Girls Academy, Kachua Kampur, Nagaon had an exposure visit at USTM on 6th March 2024. They were felicitated by the Chancellor of USTM Shri M Hoque at his office. The students visited the Department of Botany of USTM and explored the various facilities of the department.



Exposure Visit to Dr. Bhubaneshwar Borooh Cancer Institute



On 22nd March 2024, students from the Zoology Department, specializing in Cell & Molecular Biology, embarked on an educational visit to the Dr. Bhubaneshwar Borooh Cancer Institute (BBCI). As part of their M.Sc. 4th semester curriculum, which includes a focus on "Study on Cancer Biology" in theoretical papers, this visit aimed to provide students with practical insights into the workings, techniques, and research opportunities within this field. The team was led by Mrs. Wanaz Nasreen Islam and Dr. Dipankar Dutta from the Department of Zoology. Students got firsthand exposure to the facilities at BBCI. The team explored the DBT Centre for Molecular Biology and Cancer Research, established with support from the Department of Biotechnology, Government of India, in 2010. Dr. Avdhesh Kumar Rai, an expert with over 12 years of experience in Cancer Molecular Biology and Diagnostics, provided valuable insights into the center's capabilities.

Field visit to the Assam Pearl Farming and Research Center



The Department of Rural Development organized a field visit to the Assam Pearl Farming and Research Center in Bechamiri (Dhing), Morigaon. It was a vital component of the practical learning associated with the course curriculum. The students had the unique opportunity to witness firsthand the process of pearl farming and the intricate techniques involved in pearl cultivation.

Celebration of Earth Hour

The students of the Department Of Zoology, USTM participated in the Earth Hour Program by WWF India at City Centre, Guwahati on 23rd March, 2024 in which the team showcased the traditional Garo dance of Meghalaya. Archita Baruah Bhattacharya, State Co-ordinator, Assam and Arunachal Pradesh State Office, convened the program. Arghadeep Barua, renowned artist from the Assamese Film Industry and a nature enthusiast, entertained the crowd with a melodious song. Mr Baruah, addressed the need for taking up individual responsibilities for the future of the planet.





Faculty Achievement

Sk Mir Hussain, A Research Scholar at the Department of Library and Information Science, USTM, has earned the prestigious Ph.D. Doctoral Fellowship from the Indian Council of Social Science Research under the Ministry of Education, Government of India under the guidance of Dr. Zabeen Ahmed, Professor at the Department of Library and Information Science. Mr. Hussain completed his MLISc from Kalyani University, West Bengal, and holds a UGC NET certification.



Chancellor of USTM Shri Mahbubul Hoque released the book "Land, Water and Livelihood Issues in North East India" on 27th March 2024. The book was edited by Eahya Al Huda, Assistant Professor, Department of Earth Science, USTM.



Mr. Saikat Majumdar from the Department of Rural Development, USTM has been officially recognized as a Master Trainer in Spices & Plantation Crops, and Minor Forest Products by the National Institute of Food Technology, Entrepreneurship and Management (NIFTEM).

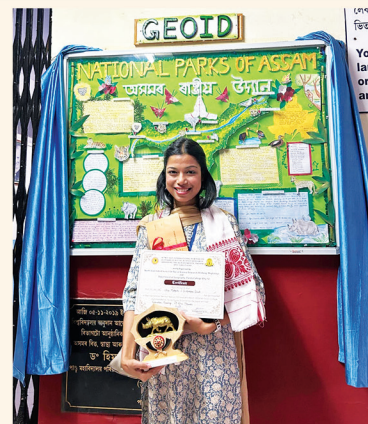
Book Published



A book titled "Entrepreneurship and Startups: A Research Expedition" has been published recently. The book has been edited by Dr. Md. Abdur Rashid, Dr. Mithu Deb, and Professor Sujit Sikidar from the Department of Commerce at USTM, with the esteemed patronage of the Hon'ble Chancellor Shri Mahbubul Hoque.

Young Social Scientist Award

Jina Mahanta, a student of PG Geography 4th semester, Department of Earth Science USTM and Ibarilil Lyngdoh, a research scholar from the Department of Economics at USTM received the "Young Social Scientist Award" in the International Seminar on "Fifty Years of Social Science Research: Assessing The Achievements, Trends And Directions". The seminar was jointly organized by the North East India Council for Social Science Research, Shillong, and the Department of Geography, Pandu College, Guwahati, and was held on March 15th & 16th 2024. Among 140 presenters, Ibarilil emerged as one of the top 3 social scientists. The recognition included a cash prize of Rs.5000, a memento, and a certificate.



USTM students cleared GATE exams



Ankita Das
Dept. of Applied Biology



Munquad Habibi
Dept. of Applied Biology



Anushka Devi
Dept. of Applied Biology



Nashua Rollic Laloo
Dept. of Applied Biology



Mencho Sena
Dept. of Applied Biology



Saanya Chaturvedi
Dept. of Applied Biology



Rafia Farooque
Dept. of Zoology



Bhairab Hazarika
Dept. of Botany



Raj Kusum Basumatary
Dept. of Zoology



Atrayee Borthakur
Dept. of Zoology



Madhurjyo Gogoi
Dept. of Zoology



Thanmeritha Marak
Dept. of English



Krishnamoni Bora
Dept. of Chemistry



Shishir Chetri
Dept. of Sociology (AIR-15)



Shuhel Shabana Ferdhousy
Dept. of Computer Science & Engineering, RIST



Sentitem Jen Imlong
Dept. of Computer Science & Engineering, RIST



Toni Deori
Dept. of Computer Science & Engineering, RIST

the GATE-2023. Students from Applied Biology, Zoology, English, Chemistry, and Computer Science students have successfully cleared the GATE exams.

"Hunar" – the 37th National Inter Youth Festival



USTM students showcased their talents at "Hunar" – the 37th National Inter Youth Festival in Ludhiana, Punjab, from March 28th to April 1st 2024! They secured four prestigious prizes: Shabnam A Kawsar (3rd in Mehendi), Barsha Phukon (3rd in Clay Modeling), Abinash Saharia (3rd in Western Vocal) and Sauramita Paul (1st in Rangoli). Additionally, Prantik Rajbongshi and Jahnu Lahon were honored as accomplished students for their outstanding achievements.

List of Publication Jan- March, 2024

Name of the Faculty	Department	Journal Name	Title
Dr Yugal Kishore Mohanta	Applied Biology	ACS Omega	Moringa oleifera Gum-Assisted Synthesis and Characterization of $\text{CoAg}_x\text{Fe}_{2-x}\text{O}_4$: Insight into Structural, Magnetic, Optical, and Biomedical Properties $\text{CoAg}_x\text{Fe}_{2-x}\text{O}_4$: Insight into Structural, Magnetic, Optical, and Biomedical Properties.
Dr Yugal Kishore Mohanta, Pinku Chandra Nath	Applied Biology	Process Safety and Environmental Protection	Valorisation of agro-industrial wastes: circular bioeconomy and biorefinery process –a sustainable symphony
Dr Tamanna Bhuyan	Applied Biology	Journal of Advanced Zoology	Exploring The Relationship Between Biodiversity And Pollution In Natural History Studies
Dr Madhusmita Borthakur	Applied Biology	Journal of Advanced Zoology	Secondary Metabolite Production In Plants: In Response To Biotic And Abiotic Stress Factors
Dr Tamanna Bhuyan, Dr Yugal Kishore Mohanta	Applied Biology	Biocatalysis and Agriculture Biotechnology	Mitigation of Cr (VI) phytotoxicity in mung bean seedlings through the supplementation of phyto-fabricated zinc oxide nanoparticles using <i>Paederia foetida</i>
Dr Yugal Kishore Mohanta	Applied Biology	Food Production, Processing and Nutrition	Postbiotics: the new horizons of microbial functional bioactive compounds in food preservation and security
Hari Prasad Jaishi	Physics	Analytical Chemistry Letters	Assessment of heavy metal concentrations in industrial samples near Byrnihat, Meghalaya: Implications for human health
Hari Prasad Jaishi	Physics	Proceedings of the Indian National Science Academy	Comparing wavelet-based artificial neural network, multiple linear regression, and ARIMA models for detecting genuine radon anomalies associated with seismic events
Gayatri Saikia	Rural Development	ANVESAK	Role of SHG in women empowerment: a study in Umling Block, Ri-Bhoi district of Meghalaya

Dr Jayabrata Saha	Applied Biology	Food Chemistry Advances	Studies on the Citotoxicity of leaf protein concentrate from <i>Diplazium esculentum</i> , pasta preparation and assessment of its quality during storage
Dr. Gitumani Sarma	Mathematics	Mukt Shabd Journal	Discussion of the method Wronskian on conformable fractional differential equations.
Dr. Nazia Parveen	Sociology	Indian Journal of Forensic and Community Medicine	Bio-Social correlates of nutritional status among the Bengali Muslim and the Meitei Women of Cachar district of Assam, India
Dr. Amilia Nogbet	Botany	Frontiers in Pharmacology	Potential use of the Asteraceae family as a cure for diabetes: A review of ethnopharmacology to modern day drug and nutraceuticals developments
Dr Yugal Kishore Mohanta	Applied Biology	Frontiers in Pharmacology	Potential use of the Asteraceae family as a cure for diabetes: A review of ethnopharmacology to modern day drug and nutraceuticals developments
Dr. Pradip Kr Baruah	Botany	Eco. Env. & Cons	Edible Macrofungi of Borail Reserve Forest of Dima Hasao District, Assam, India
Gayatri Saikia	Rural Development	ANVESAK	ROLE OF SHG IN WOMEN EMPOWERMENT: A STUDY IN UMLING BLOCK, RI-BHOI DISTRICT OF MEGHALAYA
Bedabati Chowdhury	Botany	Indian J. Applied & Pure Bio.	Morphological study and analysis of leaf architecture in two primary and two secondary food plants of muga silkworm, <i>Antheraea assamensis</i> Helfer in Assam
Dr. Mridula Devi	Law	Technische Sicherheit	A Critical Study on the Prison Reform and the Prisoner's Right under the Criminal Justice System in India
Dr. Mridula Devi	Law	NOVYI MIR Research Journal	An Analysis of the Role of National Green Tribunal for the Protection & Conservation of Environment in India
Gayatri Saikia	Rural Development	ANVESAK	Role Of SHG In Women Empowerment: A Study In Umling Block, Ri-Bhoi District Of Meghalaya
Dr. Jhorna Sharma	Economics	Humanities and Social Science Studies	Micro, Small and Medium Enterprises in North-East India: A Path to Economic Transformation

Dr. Mridula Devi	Law	GIS SCIENCE JOURNAL	Need for identification of pattern and legal control on sexual abuse against minor girl child in india
Golphina Ahmed, Arup Nama Das	Zoology	Indian Journal of Entomology	Moth diversity in the Mahamaya Reserve Forest, Kokrajhar, assam
Kangkan Choudhury	Mathematics	WILEY	Natural convection MHD mass transfer through an infinite vertical porous plate in the existence of radiation embedded in porous medium
Dr. Pooja Chaudhuri	Physiotherapy	Rabindra Bharati Patrika	Effectiveness of Myofascial release vs Mckenzie Technique in relieving pain intensity in chronic low back pain- a pilot study
Dr. Atowar ul Islam	Computer Science	Intelligent systems and applications in engineering	Integrating Artificial Intelligence and Data Analytics for Supply Chain Optimization in the Pharmaceutical Industry
Devashree Borgohain	Physics	Proceedings of the Indian National Science Academy	Heavy metal contamination and health risks in groundwater at Byrnihat industrial area: urgent need for remediation and public health safeguards" has been recently published in the esteemed journal
Kangkan Jyutri Sarma, Sudipta Nag	Zoology	Advances in Bioresearch	Evaluation of thrombotic effect of Basella Alba (Basellaceae) extracts as inferred from human blood coagulation time
Gayatri Saikia	Rural Development	ALOCHANA Journal	Socio - Economic profile of the dairy farmers in rural areas of kamrup district of Assam
Prof Sanjib Kr Dutta	Rural Development	ALOCHANA JOURNAL	Agro-Ecosystem Sustainability in a Forest dependent Tribal Villages in West Karbi-Anglong District of Assam

Students Achievement

USTM celebrates victory as both Men & Women's Basketball Teams clinch the championship titles at the North Eastern Region Inter College Tournament 2024 hosted by Assam Don Bosco University from March 2nd to 4th 2024. Coach Tonmoy Tapash Baruah trained both the team. Chancellor of USTM Shri Mahbubul Hoque felicitated the Men's and Women's Basketball Teams at his office at USTM.



Syeda Nihad Omar, a 2nd-semester B-Tech (CSE) student from USTM, represented the Assam women's Archery team and secured the Silver medal at the 3rd North East Olympic 2024 held in Dimapur, Nagaland.



Tania Kumari from the Political Science Department achieved many laureates at the 3rd Northeast Olympic in Nagaland. Tania clinched the gold medal in the Women's team event in Tennis and grabbed silver and bronze medals in individual singles and doubles categories respectively. Chancellor of USTM Shri Mahbubul Hoque, honored Tania Kumari at his office.



Anurag Baruah of BA 6th Semester, Dept of English, won the second prize for the Instrumental (Solo) Competition on March 29, 2024. Anurag participated at Saptak Musical 2024 organized by Saptak Sangeet Kala Vidyalaya in Guwahati.



Abhirupa Kashyap, a BA Psychology major student from USTM, clinched Gold at the 6th South Asian Invitational Karate Championship, held at Dr. T.A. Indoor Stadium on March 23, 2024.



Krishanu Lal Mazumdar, student of the Department of Physics, USTM successfully cleared the prestigious IIT JAM entrance exam with an All India Rank (AIR) of 683.



Clary Alvaricia Lynrah, Evarista Lyngdoh, Bashisha Rani, and Streamlet, students from USTM, proudly represented Meghalaya in basketball at the 3rd North East Olympics in Nagaland, bringing home the silver medal.

Student Achievement



Sudhir Verma, Sivankar Dutta, Prakash Sharma, Deepankar Dey, Arbaaz Ali Shah, and Kevin Tale outshined at the 3rd North East Olympic in Nagaland. Kevin represented Nagaland basketball team which won bronze and the other five players represented the Assam basketball team which became runner-up.

Shaneem Lanong from the Physics Department of USTM has successfully published a part of her M.Sc. Project research work in a prestigious journal. The paper titled “Heavy metal contamination and health risks in groundwater at Byrnihat industrial area: urgent need for remediation and public health safeguards” was published in the journal “Proceedings of the Indian National Science Academy” (Scopus Indexed).



PhD Degree Awarded



Dr. Rezvi Sultana Ahmed, Assistant Professor in the Department of Sanskrit, Samhita, and Siddhanta at IAMC, successfully obtained her PhD degree from the Department of Sanskrit, Gauhati University during the 31st Convocation on 20th March 2024. Chancellor of USTM Shri Mahbulul Hoque, honored her with felicitations at his office.

Voice of Alcheringa

Abhinash Saharia from the Department of Psychology, USTM bagged the 2nd Runner Up in the Category “Voice of Alcheringa” organized by IIT Guwahati on 10th March 2024. “Voice of Alcheringa” was a singing competition consisting of 2 rounds, pre-finals and finals. There were competitors from all over India as well as from abroad. A total of 91 competitors participated.



Chinmoyee Rajkhowa and Prayashi Chutia of the Social Work Department of USTM participated in the North East Belt Wrestling Referee seminar, organized by Tripura Belt Wrestling Association on 4th March 2024. Chinmoyee Rajkhowa was selected as a referee for the upcoming North East Olympic which will be held in Nagaland. Belt wrestling is an old recognized game that was also included in the first Olympic games at Greece in 1896.

Upcoming Events

- Emerging Frontiers in Biological Sciences: Focus on Climate Change, Agrotechnology and Entrepreneurship
- Pool Campus Recruitment Drive

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Chief Editor : Dr Rani Pathak Das
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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