

USTM Newsletter

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA
(Accredited 'A' Grade by NAAC)



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July - December, 2021



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From the Desk of the Vice Chancellor

It gives me immense pleasure to present before you the various academic activities of the university during the year 2021. The University of Science & Technology Meghalaya had recently held its 7th convocation on 15th December 2021 where U.G, P.G & Ph.D. degrees were awarded along with Gold medals to the toppers in various disciplines and Honorary D.Sc. & D. Litt. Degrees were also conferred upon.

From October 25 to 27, the NAAC Peer Team has visited the USTM and held series of meetings with the Vice-Chancellor, Heads of the Departments, Deans and other members of the University. We are really happy to state that on the 3rd of November the NAAC has Graded USTM Rank "A". The accreditation of USTM by the NAAC and award of the A grade are a culmination of the collective and institutional contributions of all stakeholders of USTM. As the first private university that was established in the North East region of India, we assumed a leadership role in promoting best practices in all aspects of teaching, research and administration.

During this period, various webinars have been organized by the university. We have also signed MoU with 'Construction Industry Development Council (CIDC), Foundation for Innovative Packaging and Sustainability (FIPS), Mumbai & North East Handloom and Handicraft Development Corporation Ltd. (NEHHDC) for various collaborative research works.

New batch of Ph.D. students will be joining USTM in the month of January for their course work. While various academic and technological approaches have been adopted by the university, the security and healthcare for the students and staff have been top priority.

I congratulate the editorial team and advisors of this newsletter for their sincere efforts in bringing out this edition on time and invite suggestions from the university fraternity for its further improvement. I convey my best wishes to all the family members of the our university a happy, healthy, productive and prosperous New Year 2022.



G.D. Sharma
Prof. G.D. Sharma

ACCREDITATION



NAAC "A" Grade



ज्ञान-विज्ञान विमुक्तये
UGC



AICTE



गुरुगुरुतमो धाम
NCTE



PCI



BCI

OUR APPROVALS & RECOGNITIONS

OUR ASSOCIATION / COLLABORATION



TEZPUR UNIVERSITY



JNU



IIT-G



AMU



GAUHATI UNIVERSITY



NIT, SILCHAR



CSIR-NEIST



ASTU



IASST



JAMIA MILLIA ISLAMIA



CIDC



FIPS

MEMBERSHIP



AIU

The Association
of Commonwealth
Universities

ACU

INTERNATIONAL COLLABORATION



বাংলাদেশ
বিশ্ববিদ্যালয় মঞ্জুরী কমিশন



UNIVERSITY OF DHAKA



SELCUK UNIVERSITY
KONYA - 1975



ÜSKÜDAR
UNIVERSITY



BANGLADESH UNIVERSITY
OF HEALTH SCIENCES (BUHS)



FATİH SULTAN MEHMET
VAKIF UNIVERSİTESİ
2010



ANKARA YILDIRIM BEYAZIT
UNIVERSİTESİ

7th Convocation

Degrees awarded to 1,332 at 7th USTM Convocation



The 7th Convocation of USTM was held successfully on December 15, 2021 in the presence of a galaxy of Vice Chancellors, heads of institutions and dignitaries. Altogether 1,332 graduates were awarded degrees, out of which 11 scholars were awarded PhD degrees, 823 students were awarded Post Graduate degrees and 498 students were awarded Undergraduate degrees. The distinguished dignitaries who addressed the Convocation include, Prof Nageshwar Rao, VC-IGNOU, New Delhi, Prof Saket Kushwaha, VC, Rajiv Gandhi University (Arunachal Pradesh), Prof. Prabha Shankar Shukla, VC-NEHU, Dr. T. G. Sitharam, Director, IIT, Guwahati, Dr P R Swarup, Director General, CIDC and others. The University report was presented by the Vice Chancellor of USTM Prof G. D. Sharma.

Delivering the convocation address, Prof Nageshwar Rao said, “I am happy to know that USTM is providing free education to deserving students from economically disadvantaged families.” Dr. T. G. Sitharam congratulated the awardees for their achievement and said, “Innovation, entrepreneurship and research are the three focus of a centre of excellence. I am happy to learn that USTM is having different schools and is giving emphasis on innovation and research”. Prof Saket Kushwaha, Prof. Prabha Shankar Shukla and Dr P R Swarup also spoke on this occasion. The Chancellor of USTM Shri Mahbubul Hoque welcomed all for their participation and said, “We aspire to become a world class university and appeal to all the stakeholders to join us in our endeavor”. A total of 24 gold medals were awarded to the best Post Graduates of the respective departments while 18 gold medals were given away to the best undergraduate students from different departments. The convocation was presided over by Shri Mahbubul Hoque, Chancellor of USTM.



During the 7th Convocation, Dr APJ Abdul Kalam Best PG Gold Medal was awarded to Shehnaz Begum, M.Sc. Mathematics and PA Sangma Best UG Gold Medal was awarded to Saanya Chaturvedi, B.Sc. Microbiology.



Honorary Doctorate of Science (D.Sc.) conferred upon Padma Shree Dr Ravi Kannan, Director, Cachar Cancer Hospital by Chancellor M Hoque at the 7th Convocation for his immense contribution in the field of medicine, specially for facilitating equitable and accessible healthcare services to the cancer patients from the underprivileged communities of North East India.



On a virtual mode, Honorary Doctorate of Science (D.Sc.) conferred upon Dr Abdul Wase, Professor of Medicine, Wright State University, USA for his outstanding contribution in the field medicine, specially Cardiac Care and extensive philanthropic activities for the underprivileged society. Dr Wase accepted the Degree on virtual mode as he could not come for the occasion.



Honorary Doctorate of Letters (D.Litt) was conferred upon Shri Prasanta Rajguru, Editor-in-Chief, Prag News by Chancellor M Hoque at the 7th Convocation for his immense contribution in the field of journalism giving legitimacy to people's voice and augmenting the role of media.

UGC Chairman Prof D P Singh speaks on NEP-2020 and its Implementation



The essence of the new National Education Policy is to groom students as global citizens by providing choice based education with focus on skill development and value based learning in a holistic way, and here in the North East India the University of Science and Technology Meghalaya can act as a catalyst to transform the education scenario. This was stated by Prof D P Singh, Chairman, University Grants Commission (UGC) as he delivered a talk on "National Education Policy-2020 and its implementation" on 21st November 2021. The programme was also participated by Prof D P Agrawal, Former Chairman, UPSC who addressed the students, teachers and staff and lectured on the new education policy.

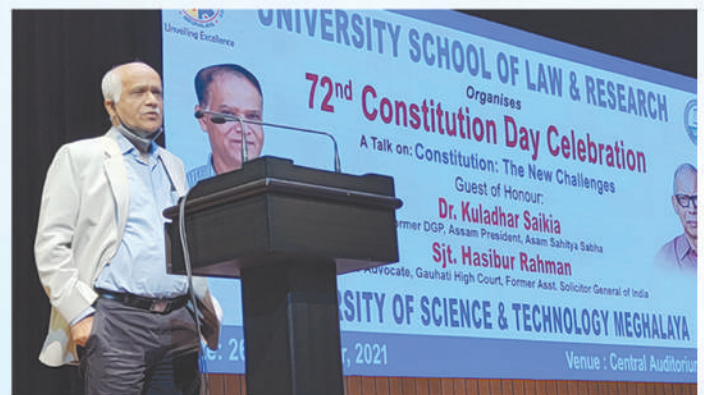
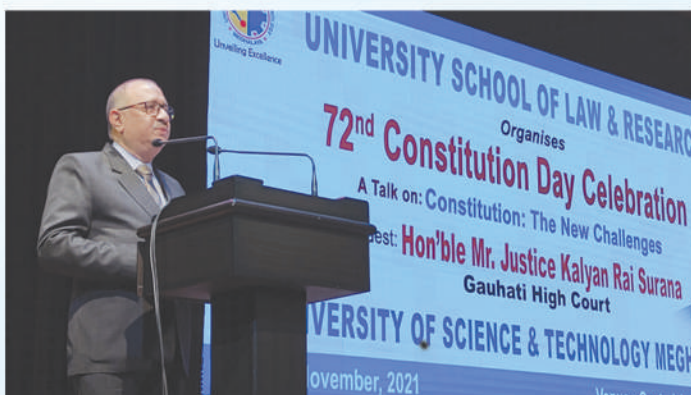
The UGC Chairman appreciated and congratulated the USTM family for the recent accreditation of 'A' grade by NAAC and said, "USTM's commitment for tribal development, promotion of girl child education, rural students, its Pay Back policy, free education for the meritorious poor students, scholarships etc. represent the vision of higher education in NE India. The university is expanding its wings of higher education globally through various MOUs with great institutions in the country and abroad." Speaking on the occasion, the former UPSC Chairman Prof D P Agrawal said, "NEP emphasizes that all the education policies in the future will be outcome based. Choice based curriculum will be beneficial for bringing out the quality of the students and inculcate in them a sense of belongingness and create wealth for the country." He also appreciated that the Chairman of NAAC peer team has announced that USTM has the potential to be awarded A++ in the next cycle of NAAC inspection in 2026. Prof DP Agrawal also interacted with the students of USTM who are preparing for the UPSC exam.

Former CEC Navin Chawla Addressed Students and Teachers at USTM



“Every university should have an active students’ group so that they can express their views freely within and across the institutions and help to bring reformation in the electoral process”. This was stated by Shri Navin B. Chawla, former Chief Election Commissioner of India. He was addressing the students and faculty members of the USTM on 3rd October in a lecture series organized by the university on “Elections in India as well as in Neighbourhood”. Apart from the students and teachers community of the university, the lecture series was attended by USTM Chancellor Shri Mahbubul Hoque, Vice-Chancellor Prof GD Sharma, Prof Mohammed Basheer from Assam University and Anurag Rudra, ADC, Kamrup Metro.

Talk by Justice Kalyan Rai Surana & Dr Kuladhar Saikia on Constitution Day



The University School of Law and Research of USTM has celebrated the Constitution Day on 26th November where Hon’ble Mr Justice Kalyan Rai Surana from Gauhati High Court delivered a talk on "Constitution of India: the New Challenges". Dr Kuladhar Saikia, President of Assam Sahitya Sabha and Advocate Hasibur Rahman from Gauhati High Court were also present on the occasion and delivered in depth speeches to a huge gathering of law students both from USLR and other colleges from Assam and Meghalaya.

Addressing the gathering of students and faculty members, Justice Surana said that without economic justice, social justice is meaningless. He reflected upon various historical events ranging from the theoretical basis of Government of India Act 1919 till recent times to give a thorough idea of the historical background of the Constitution of India.

Assam CM Dr Himanta Biswa Sarma inaugurates Srimanta Sankaradeva Block

On 29th November, Dr Himanta Biswa Sarma, the Chief Minister of Assam has inaugurated the “Srimanta Sankaradeva Block” at USTM, the foundation laying of which was earlier done by the Hon’ble Governor of Assam. The Chief Minister was felicitated by the USTM family at the Central Auditorium where he graced the 11th Foundation Day of Udayachal. Speaking on the occasion, Mahbubul Hoque, Chancellor of USTM said, “Inclusiveness must be inculcated for growth and excellence. Here at USTM every nook and corner conveys some message. Srimanta Sankaradeva, the Vaishnavite saint philosopher and reformer from Assam worked in this direction long back in the 15th century. We are committed to follow his footsteps.” Mr Hoque also said that USTM will establish a Chair in the name of Sankaradeva for research.



Padma Shri Manas Chaudhuri addressing on National Education Day

Padma Shri Manas Chaudhuri, Former Education Minister of Meghalaya delivered a talk on “Vision of Maulana Abul Kalam Azad and relevance to the global education system” at USTM on 12th November on the occasion of National Education Day.

Addressing a large gathering of students and teachers, Chaudhuri remembered Maulana Azad’s immense contribution to the nation. He also praised the visionary leadership of M. Hoque, Chancellor of the university that has recently achieved grade ‘A’ awarded by NAAC. He advised the students not only to dream to be a doctor or engineer but to be a good entrepreneur and earn skills.

Earlier, Prof. G.D. Sharma, Vice Chancellor of USTM delivered the welcome address. Dignitaries present in the occasion include Prof K Murugan, Pro VC of USTM, Dr R.K. Sharma, apart from others. The programme ended with the vote of thanks offered by Dr. B.K. Das, Director Administration, USTM.



Director NAAC Inaugurates IQAC at USTM



International Human Rights Day Celebrated by USLR

The University School of Law and Research, USTM has celebrated Human Rights Day on 10th November. On this occasion, Dr Ishrat Hussain, Associate Professor of the National Law University and Judicial Academy, Assam (NLUJA) delivered a lecture on “Challenges in Enforcement of Human Rights.” Addressing the gathering, Dr Ishrat Hussain expressed his views on the various existing International Human Rights instrument especially the International Covenant on Civil and Political Rights (ICCPR).

The Internal Quality Assurance Cell (IQAC) of the University of Science and Technology Meghalaya was inaugurated in virtual mode by Prof. S. C. Sharma, Director, National Assessment and Accreditation Council (NAAC) on 22nd September, 2021. The inauguration took place in the presence of Mahbubul Hoque, Chancellor, USTM; Prof. G. D. Sharma, Vice Chancellor, USTM; all high officials of the university and faculty members.

NAAC Peer Team Visit

The National Assessment and Accreditation Council (NAAC), the highest body of evaluation for the Universities and Colleges in the country visited USTM from 25th to 27th October, 2021 and held series of meetings with the Vice-Chancellor, Heads of the Departments, Deans and other members of the University. The Peer Team visited all departments, centers, cells and examined the activities, facilities and interacted with the faculty, staff and students, besides examining all records maintained by the University. The NAAC peer team appreciated the best practices of USTM including its Payback Policy and Adoption of Villages.



Presentation by Vice Chancellor at Conference Hall



Inspection by NAAC peer team members during a Department visit



NAAC peer team inspection at a Department Laboratory



NAAC peer team inspection at University Health Centre



Presentation by HoD of a Department before the NAAC peer team



NAAC peer team verifying documents at one of the departments of USTM



A Faculty Member interacting with NAAC peer team members



NAAC peer team's meeting and interaction with faculty members at NKC Auditorium

NAAC Peer Team Visit



Inspection by NAAC peer team at Day Care Centre



NAAC peer team visit to Science Exhibition at USTM



Meeting with IQAC officials at IQAC conference Hall



NAAC peer team visit to Central Instrumentation Facility at USTM



NAAC peer team visit to Physical Facilities at Canteen



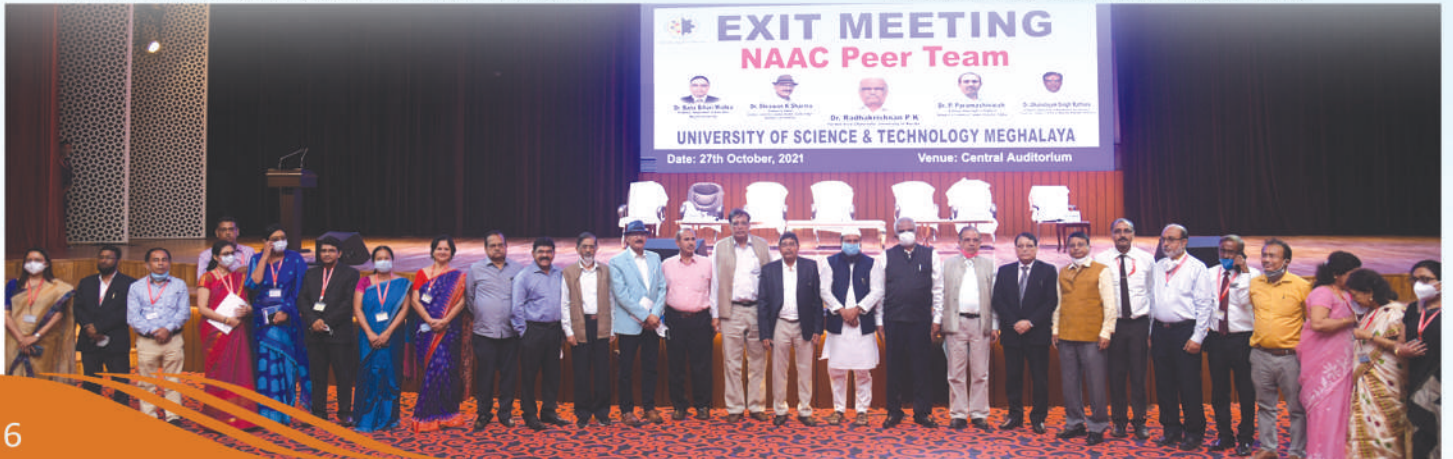
Verification of documents at Maulana Azad Central Library



NAAC peer team visit to Physical Facilities at Gymnasium



Peer team visit to USTM adopted model village



USTM becomes the 1st private university from the NE Accredited Grade 'A' by NAAC



On the 3rd of November 2021, USTM has been awarded the accreditation rating of “A Grade” by the National Assessment and Accreditation Council (NAAC), an autonomous body established by the UGC to assess and accredit institutions of higher education in the country and assesses universities on a 7-point criteria. The result of the assessment was cleared in the meeting of the Standing Committee of NAAC held on 3rd November and shall remain valid for the next five years. Expressing his gratitude, Mahbubul Hoque, Chancellor of USTM said,



“I am very much grateful to the Government of Meghalaya for standing behind us and continuously supporting us in our endeavours. My sincere thanks go to the entire USTM family, our partners and special thanks to all the students and their parents. Our Vice Chancellor who is a renowned academician in the country has mentored the institution. This five years' assessments is based on five successful batches of students.”



M. Hoque, Chancellor USTM felicitated the supporting staff after achievement of Grade “A” by USTM

Congratulatory message from Mr Conrad Sangma, Chief Minister, Meghalaya



Conrad Sangma ✓ @SangmaConrad · 4 Nov 2021

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Congratulations to the University of Science & Technology Meghalaya (USTM) for being accredited A Grade by NAAC in the 1st cycle, a significant milestone for the faculty & the University. My best wishes.

Rank 'A' award to USTM by NAAC is a Significant Milestone: Meghalaya CM

Meghalaya Chief Minister Conrad Sangma visited the USTM on 11th November to congratulate and address the students, teachers and the university fraternity. He said that “Grade ‘A’ accreditation by NAAC in the 1st cycle is a significant milestone for the faculty & the University”. The programme was also graced by Dr S P Aggarwal, Director, NESAC, Dept of Space, Govt. of India and Prof Prabha Kr Shukla, Vice Chancellor, NEHU, apart from others. Speaking on the occasion, Shri Conrad Sangma said, “It is the leadership and teamwork at USTM that has gone to achieve such big success as Grade ‘A’. With commitment and dedication, ‘A++’ is not far away for USTM.” Congratulating and terming Chancellor Hoque as a “risk taker”, he said that the university is the future of the new age, and that the future of the nation is in responsible hands. He said that institutions like USTM have a big role to play in research and development which will further contribute to policy making of the nation. Addressing the gathering, Prof G D Sharma, Vice-Chancellor, USTM said that all the stakeholders of USTM have been working hard to contribute for the development of the institution. Prof Prabha Kr Shukla, Vice Chancellor, NEHU said, “Mahbubul Hoque started USTM to fulfill the dream of the North East. USTM can be said to be the future of the new generation of the North East.



Glimpses of Celebration at USTM Campus after receiving “A” Grade by NAAC



Statues Unveiled at USTM Campus



Shri Conrad K. Sangma, Chief Minister, Meghalaya unveiled the statue of Mahatma Gandhi in the USTM premises on November 11, 2021.



Prof. D.P. Singh, Chairman, UGC unveiled the Statue of Dr. APJ Abdul Kalam at Mother Teresa Park of USTM on November 21, 2021.



Glimpses of the unveiling of Maulana Abul Kalam Azad's statue by Hon'ble Justice Kalyan Rai Surana, Gauhati High Court, at USTM on 26 November 2021. Hon'ble Chancellor of USTM Mahbubul Hoque, eminent dignitaries, faculty members and students were present in the occasion.



On 21st September, a statue of Dr B R Ambedkar, the chief architect of the Indian Constitution, was unveiled at the USTM by Shri Lakhmen Rymbui, Education Minister of Meghalaya in presence of Shri Mahbubul Hoque, Chancellor, USTM, Prof G.D. Sharma, Vice-Chancellor, Dr P. R. Swarup, Director General, Construction Industry Development Council (CIDC) and other dignitaries as well as the teacher and student community of the university.



On 3rd of October, 2022 Shri Navin B. Chawla, former Chief Election Commissioner of India unveiled a statue of Pandit Jawaharlal Nehru at the Nehru Park of USTM.

International Center of Excellence Launched

In order to bring excellence in implementing the ambitious plans of scientific applications and generate new avenues of employment, the “International Center of Excellence” has been launched on September 20 at USTM in the presence of Shri Lahkmen Rymbui, Minister of Education, Meghalaya and virtual presence of Dr Ranoj Pegu, Minister of Education, Assam. Dr P. R. Swarup, Director General, Construction Industry Development Council (CIDC), Shri Mahbubul Hoque, Chancellor of USTM, Prof GD Sharma, Vice-Chancellor was also present on the occasion apart from others while international experts and industry leaders like Dr Mo Najafi from University of Texas at Arlington, USA and Mr Thenuchu, former Home Minister, Nagaland virtually took part in the programme.



Dr Anand S Shrivastava from USA speaks on Stem Cell Therapy



Dr Anand S Shrivastava, Director & Co founder, Global Institute of Stem Cell Therapy and Research (GIOSTAR) San Diego, California USA who is also known as the pioneer of modern stem cell science, delivered a talk on “Emerging Trends in Regenerative Medicine: Advances in Stem Cell Therapy” organized by USTM on 18th December at the NKC Auditorium of the university. Mr. Deven Patel, CEO and Co-founder of GIOSTAR made a presentation on the same theme on the occasion.

The talk was participated by Prof Mohammed Basheer, former Vice Chancellor of the University of Calicut, Kerala, Prof. GD Sharma, VC, USTM apart from other dignitaries and students.

Talk on Radiology & Imaging



On December 11, the Department of Physiotherapy organized a talk on “Radiology & Imaging.” Prof. Madhuriya Thakur, Head of the Department Radiology, Fakhruddin Ali Ahmed Medical College and Hospital Barpeta graced the occasion as Chief Guest. Other dignitaries who talked in the program are Prof. G.D. Sharma, VC, Dr R. K. Sharma, Advisor, Dr K. Murugan, Pro VC, and Dr Habibul Islam, Prof. of USTM.

Talk on Tiger Survival

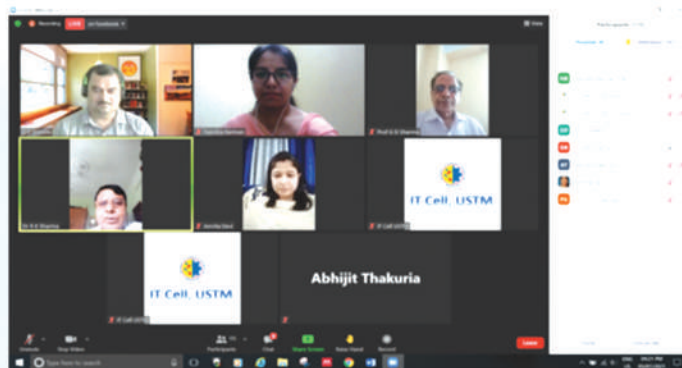
On 29th July, the Department of Zoology organized a talk on the occasion of International Tiger Day 2021 based on the theme “Tiger Survival is in our hands.” The guest speaker Mr Kamal Azad former wildlife biologist, National Tiger Conservation Authority, (NTCA) North-east talked about “Tigers and their Conservation in North East India.” Participants include: Dr Karabi Saikia, Prof. Department of Zoology, Dr Alika Borphukan Borah, Assistant Professor, Department of Zoology, USTM. The virtual program was attended by 180 participants including present and ex-students of zoology and other departments.

Talk on Raman Effect Fundamentals

On July 23, the Department of Physics organized a virtual talk on ‘Raman Effect: Fundamentals and its Fascinating Applications’. The keynote speaker was Dr Surajit Saha from the Department of Physics, Indian Institute of Science Education and Research, Bhopal. The talk was attended by participants from different institutes and universities across the nation. It was moderated by Dr Mayuri Devesh and the vote of thanks was offered by Dr Nitu Borgohain of the Department of Physics.

Workshop on “Learn Google Applications through Live Demonstrations”

The Department of Library and Information Science, USTM organized a two-day long virtual Workshop on “Learn Google Applications – through Live Demonstration” on 3rd & 4th July 2021. The workshop was graced by Shri D P Tripathi, Deputy Librarian NIT Jalandhar. He spoke about the usefulness of Google Applications in day to day life. He also gave a brief introduction about Google Search Engine and some of the Google applications like Google Classroom, Google Docs, Google Form and Google Site in detail.



Conference on Sociology of Education in association with the University of Lucknow

On 11th August, the Department of Sociology, USTM organized ‘International Conference on Sociology of Education’ on virtual mode in association with the Department of Sociology, University of Lucknow. Prof Najma Akhtar, Vice-Chancellor, Jamia Milia Islamia, New Delhi graced the conference as Chief Guest.

The other dignitaries present the occasion were: Prof (retd.) Meenakshi Thapan, Delhi School of Economics, University of Delhi, Prof. D R Sahu from the Department of Sociology, University of Lucknow, Prof B P Sahu NEHU, Shillong, and Deepak Mane, Tata Consultancy Services. Prof Chandan Kumar Sharma from Tezpur University graced the valedictory session.



Lecture Series-2 by CSE

The Department of Computer Science & Electronics organized a Lecture Series on 1st October 2021. Mr Mukul Kumar Das, CEO of Mind Matrix Pvt. Ltd was present as the resource person and he spoke on the topic, “Prospects of IT: A Review in Current Job Scenario.” Mr Kumar briefly highlighted about IT-related job aspect and its current scenario. The programme was conducted on online mode.

International Day of Cooperatives

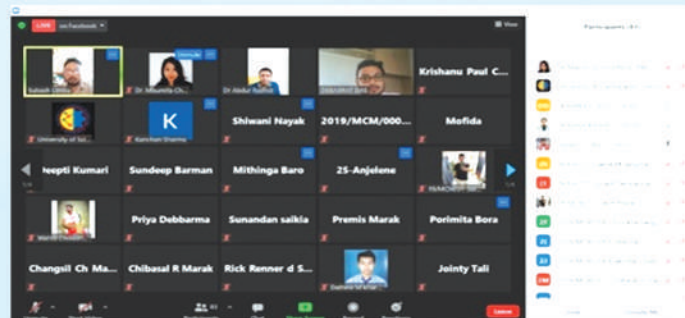
The Department of Commerce celebrated International Day of Cooperatives on 3rd July. On this occasion, the department organized a webinar on ‘Cooperatives: Importance and Its Role in the Covid-19 pandemic’. The webinar was attended by Dr Kh Soromendro Singh, Director, Institute of Cooperative Management, Guwahati, Prof. GD Sharma, Vice-Chancellor, USTM, Prof Amit Choudhury, Dr Abdur Rashid, Subash Limbu and in-house students as well research scholars.

Faculty Development Program

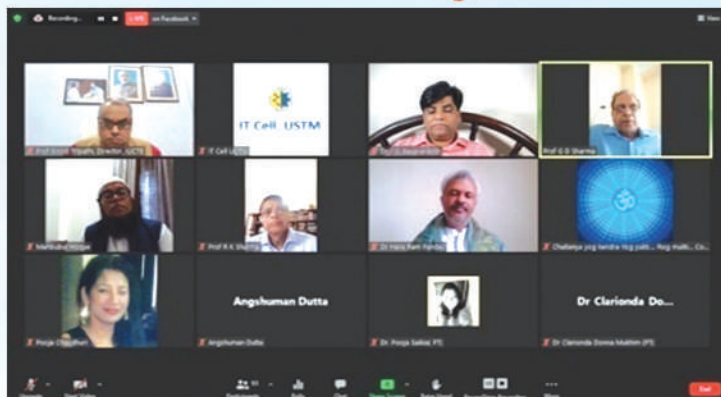
A five-day-long faculty development program was organized by the Department of Computer Science & Electronics on the topic “Artificial Intelligence, Machine Learning & Robotics” from 6th to 10th September 2021 in virtual mode. The participants include: Dr. Shyamanta M. Hazarka, Professor, Department of Mechanical Engineering, IIT Guwahati, Dr Manas Kamal Bhuyan, Professor, Department of Electronics & Electrical Engineering, IIT Guwahati, Dr Dhruba K Bhattacharyya, Pro-Vice-Chancellor, Tezpur University, Dr Upasana Talukdar, Assistant Professor, Indian Institute of Information Technology Guwahati, Dr Krothapalli Sreenivasa Rao, Professor, Computer Science & Engineering Department, IIT Kharagpur, Dr R. Vaskaran, Professor, Department of Computer Science & Engineering, Anna University, Chennai, Dr H. S. Hota, Associate Professor & HOD, Department of Computer Science & Application, Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur, Chhattisgarh.

Four Day Workshop on GST: Registration, e-Filing and Compliance

The Department of Commerce organized a four-day long workshop on GST: Registration, e-Filing and Compliance. The workshop aimed at providing participants especially the students with the opportunity to have hands-on experience of registering different kinds of firms under the GST regime, filing e-returns, and compliance. The workshop was held from 19th July to 23rd July 2021.



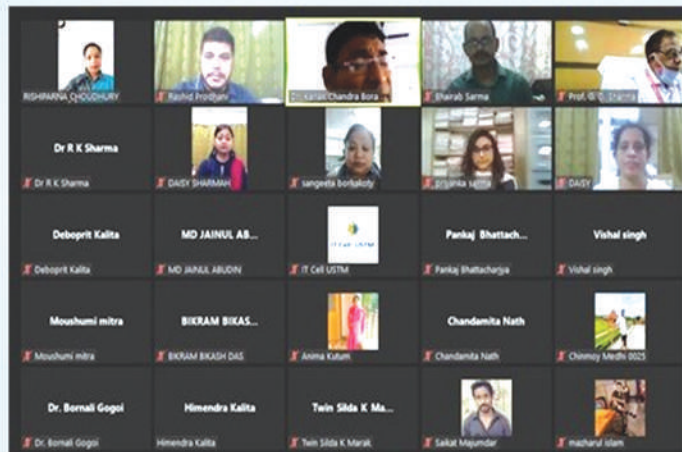
7-day National Workshop on Yoga



A 7-day national workshop was successfully organized by the Department of Physiotherapy, University of Science and Technology Meghalaya in collaboration with the department of Yoga, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh from 2nd to 8th August 2021 on the theme “Yoga to Overcome Crisis in Personality Development due to prolonged Covid-19”. In the workshop, Prof BK Triparthi, Director, Inter University Centre for Teacher Education, BHU, Varanasi said that yoga should be included in regular academic curriculum.

Engineers' Day 2021 celebrated

On 15th September, the Department of Computer Science & Electronics celebrated Engineers Day 2021 in a virtual mode. A Poster Making Contest was held on the theme “Engineering for a Healthy Planet.” Mr P C Lahkar, former DGM of AMTRON was present as Chief Guest. Other dignitaries who graced the webinar was Dr Dhruba K Bhattacharyya, Professor & Pro Vice-Chancellor, Tezpur University, Dr Upasana Talukdar, Assistant Professor, Indian Institute of Information Technology Guwahati, Dr Krothapalli Sreenivasa Rao, Professor, Computer Science & Engineering Department, IIT Kharagpur, Dr R. Vaskaran, Professor, Department of Computer Science & Engineering, Anna University, Chennai, Dr R K Sharma and Dr Bhairab Sarma.



World Pharmacist Day observed

The School of Pharmaceutical Sciences USTM observed World Pharmacist Day on 25th September on the theme “Pharmacy: Always trusted for Health”. The occasion was graced by Prof. Chandana Choudhury Barua, Professor, Department of Pharmacology and Toxicology, College of Veterinary Science, Khanapara, Guwahati, Mr Hirakmoy Choudhury, Senior Executive Natco Pharma Limited, Guwahati, Dr Habibul Islam, Dean, Institute of Allied Medical Sciences, administrative officials, faculties and students.



Orientation program on Drug Free Society

On December 16, the Department of Social Work in collaboration with the Sobriety Foundation organized an orientation program on drug-free society. Persons from the Sobriety Foundation who graced the occasion include Mr Simanta Das (Secretary cum Project Director), Mr Sivananda Talukdar (Counselor) and Likha Tyson (Counselor). Both the Sociology department of USTM and Sobriety Foundation want to work jointly to make a drug free society.



National Workshop on Organic Farming



A two-day workshop on organic farming was organized by the Department of Botany on 27th November. The keynote speaker of the program was Prof. A. K. Deka, Principal Scientist, Horticultural Research Station, Assam Agricultural University, Kahikuchi, Guwahati. He delivered a lecture on the 'Challenges and Prospects in Organic Farming'. He also spoke about the impact of chemical on health, its advantage and disadvantage of intensive farming or organic farming and how modern farming affect our world.

Brainstorming session with College Principals

The University of Science & Technology Meghalaya organized a brainstorming session with the principals of various colleges with whom the University had earlier signed Memorandum of Understanding (MoU). Welcoming the participants, Prof G.D. Sharma, VC of USTM highlighted the importance of having linkage with various colleges of India and abroad. An interactive session was held among the principals and representatives of colleges and universities and also IQAC Coordinators along with their NSS Programme Officers. The participating colleges include: Tinsukia College; CNB College, Bokakhat; LCB College; Dispur College; Gauhati Commerce College; B. Borooah College; D.H.S. Kanoi College; D.H.S. K. Commerce College; JN College, Boko; MNC Balika Mahavidyalaya, Nalbari and Nowgong College.



USTM Celebrates National Mathematics Day 2021



The National Mathematics day 2021 was celebrated at USTM on 22nd December by the Department of Mathematics. A galaxy of eminent mathematicians from northeast graced the occasion including Dr Tarakeswar Choudhury, Retd. Prof & H.O.D. Department of Mathematics, Cotton University, Dr Upendra Natha Misra Retd Prof Dept. of Mathematics Guwahati University, Dr Bijoy Krishana Deva Sharma former Director College Development Council NEHU, Dr Dharanidhar Goswami Retd Prof & HOD Mathematics Arya Vidyapeeth College, and Dr Ram Chandra Deka Dept of Maths Pragjyotish College.



USTM Pro VC Prof. K. Murugan Ranked by Stanford University

A university becomes world class not because of its infrastructure; it's only by virtue of its research background and we are committed for that. USTM Pro Vice Chancellor Prof K Murugan, has been recently ranked among the top 2 per cent scientists of the world by the Stanford University.

Rural Social and Community Development Activists felicitated under USTM Outreach

In a bid to bring overall development to its neighboring rural community, on 28th December USTM declared that Village Jorbil will be a truly ideal village in the Baridua area of the locality within one year as the university is adopting the village. Mahbubul Hoque, Chancellor of USTM felicitated Mr Ensath Sangma, Headman of Jorbil Village along with the social and community development activists of the village on the occasion of Merry Christmas & Happy New Year. Altogether 15 activists: five women, five youth and five elderly persons, including Narahari Boro Das, a 102-year-old man of the village, were honoured. The women were small scale entrepreneurs who also motivate other women to come forward. The youth activists were selected on the basis of their performance in education and sports. USTM students prepared a Christmas cake and presented song and prayer for the villagers. The programme was organized by the Department of Social Work & NSS Cell, USTM.



Floral Tribute to Dr. Donkuper Roy

On July 28, USTM and the ERDF family paid floral tribute to former Meghalaya Assembly Speaker and the 10th Chief Minister of Meghalaya, Dr Donkuper Roy on his 2nd Death Anniversary. Mahbubul Hoque, Chancellor USTM fondly remembered the contribution of Dr Donkuper Roy during the initial stages of the USTM. He said that it was during his tenure of as Chief Minister in the year 2008 that the USTM Act was passed by the Meghalaya Assembly. Since then, Dr Donkuper Roy has been a constant guiding force and inspiration in all the major efforts of the university. USTM will always remain indebted to Dr Donkuper Roy.



75th Independence Day celebrated

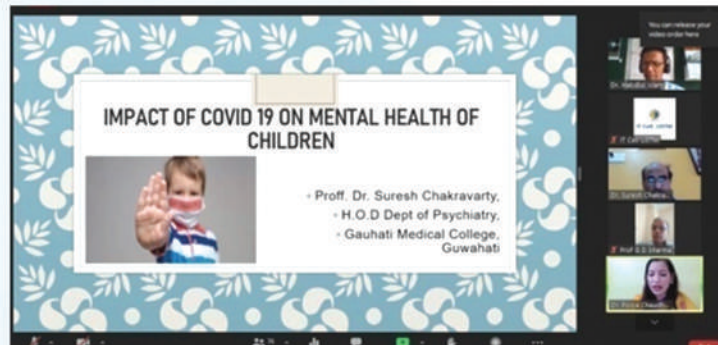
The 75th Independence Day was observed at USTM by hoisting the National Flag at 8:00 am in the University campus by Shri Mahbubul Hoque, Chancellor, USTM along with Prof. G.D. Sharma, Vice-Chancellor of the University. The flag hoisting was followed by the National Anthem and speeches on Independence delivered by the Chancellor and the Vice-Chancellor.

On the occasion of the Independence Day the Cultural Forum of the university organized a Virtual Cultural Evening. The programme was decorated with some patriotic performances like songs, dance, recitation etc. by the students. Earlier the programme started with the song "Vande Mataram" performed by a student from the department of BBT.

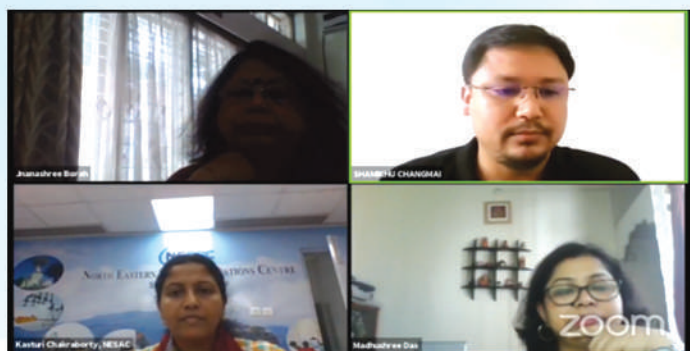
WEBINARS

National Webinar on Impact of Covid-19 on Physical and Mental Health of Children

On July 16, a day-long “National Webinar on Impact of COVID-19 on the physical and mental health of children” was organized by the Department of Physiotherapy. Dr Suresh Chakraborty, HOD Dept of Psychiatry, Gauhati Medical College & Hospital (GMCH) and Dr Jyanandra Nath Sarma, former HOD Dept of Pediatrics GMCH, spoke on the effects of COVID on children.



USTM-GU webinar on Geo-Informatics

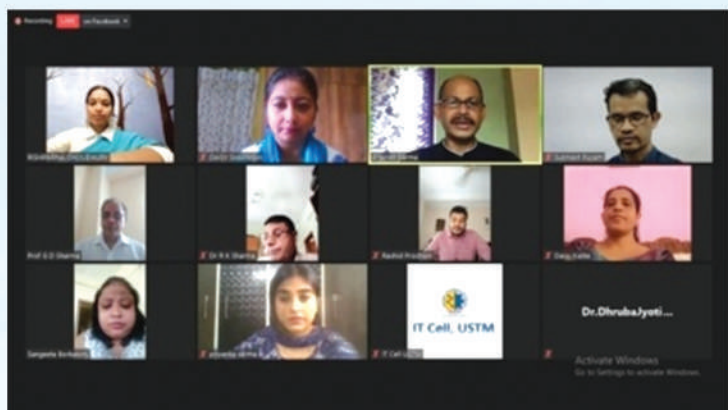


On 9th July 2021, a National Level webinar on the Application of Geo-informatics in integrated water resources Management was jointly organized by the Department of Earth Science, USTM in collaboration with the Department of Geography, Gauhati University. Prof. Dhrubajyoti Sahariah from Gauhati University was the Resource Person of the webinar. He delivered a speech on the Application of Geo-informatics in integrated water resources management.

Webinar on Laser Cooling of Atoms

On 2nd July, the Department of Physics has organized a day-long National Webinar on “Laser Cooling of Atoms and its Application in Quantum Technologies”. The invited speaker of the webinar was Dr Kanhaiya Pandey, an eminent researcher from the Department of Physics, Indian Institute of Technology Guwahati. She briefly introduced the phenomenon of Laser cooling.

National Webinar on Image Processing & Computer Vision



The Department of Computer Science & Electronics, USTM had organized a Webinar on “Image Processing & Computer Vision” on 19th July. The Resource persons on the occasion were Mr Puyam S. Singh, Scientist, NESAC and Mr Gopinath Bej, Principal Technical Officer (C-DAC) Kolkata. Mr Puyam Singh highlighted the importance of Image Processing in practical fields defining them as the transformations from 2D to 3D images with Computer Vision and its applications. Mr Gopinath Bej delivered his speech on applications on Machine Visions in Agriculture and talked about the various types of Image Processing Devices used in the Agriculture fields.

UGC Chairman Prof. D.P. Singh & Former UPSC Chairman Prof. D.P. Agrawal inaugurated the new Block-I of USTM on 21st November, 2021



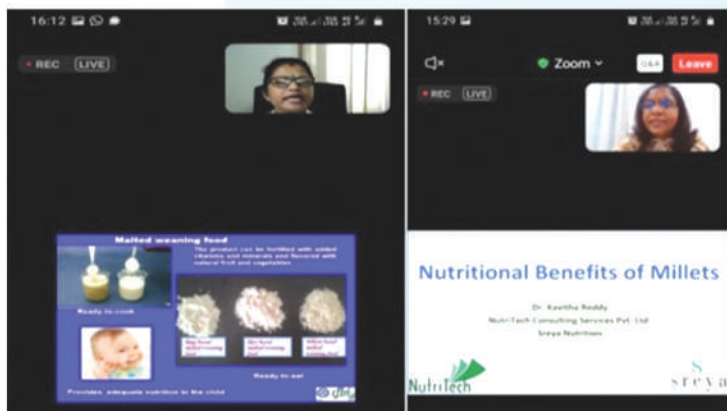
Discussion on Cyber Security and Digital Generation

On July 10, Professor Qoumrul Hoque School of Education, University of Science and Technology Meghalaya had organized a webinar on “Cyber Security and Digital Generation in the context of Education”. The objective of the program was to make everyone aware of the growing digitalization and cybercrime which need to be securitized. The program was moderated by Tajbina Yasin, Asst Professor,

Department of Education. Prof. Jonali Chetia, Dean of PQHSE, welcomed all the dignitaries and briefed the topic, followed by a keynote address by Prof. G.D Sharma, Vice-Chancellor of USTM. Mr Biraj Das, Superintendent of Police (Communication) Assam, delivered his speech on this occasion.

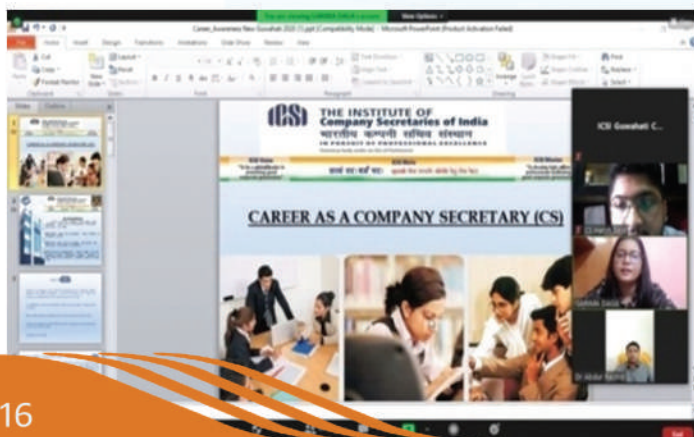


Celebration of National Nutrition Month-2021



On 20th September, the Department of Applied Biology (Food Science and Technology) USTM and NetProFan North East Chapter jointly organized a Webinar on the Celebration of “National Nutrition Month 2021”. The session was graced by Prof. G.D. Sharma, VC, USTM as the Chief Guest and moderated by Ms Pinky Deka Assistant Professor of Applied Botany. The session started with welcome address by Mr Subhas Bhat-tarcharjee, co-ordinator cum Advisor of NetProFan.

Career Awareness Programme



The Department of Commerce on 24th July organized a “Career Awareness Programme” in association with the Institute of Company Secretaries of India, Guwahati Chapter. The program was inaugurated with a welcome address by CS Kushal Bagadia, Chairman ICSI, Guwahati Chapter. On the occasion, Prof. G.D. Sharma VC USTM spoke about some key issues on career planning. Mr CS Garima Daga delivered a detailed presentation on the career Awareness Programme highlighting the Company Secretary Course as a career. Mr Chiranjeeb Sharmaroy, Coordinator, Institute of Company Secretaries of India-Guwahati Chapter forwarded the vote of thanks.

MoUs Signed

USTM signs MoU with CIDC



Dr P. R. Swarup, Director General, Construction Industry Development Council (CIDC) signed an MoU with USTM on 20th September 2021 for the establishment of International Center of Excellence at the university campus. After the launch of the ICE, the ceremonial exchange of MOU took place.

FIPS, Mumbai signs MoU with USTM to Promote Sustainable Packaging of Food Products



With a vision to provide sustainable solutions to the targeted group of society and industries through scientific and innovative packaging technology, the Mumbai based Foundation for Innovative Packaging and Sustainability (FIPS) has signed a MOU with the USTM on December 22, 2021. The MoU was signed by Prof. (Dr). N.C. Saha, Chairman, FIPS and Prof G. D. Sharma, Vice Chancellor, USTM.

NE Handloom and Handicraft Corporation signs MoU with USTM



On 23rd October the North East Handloom and Handicraft Development Corporation Ltd. (NEHHDC) has signed a Memorandum of Understanding with the University of Science & Technology Meghalaya for academic collaboration and exchange. The agreement has been signed between Brigadier Rajiv Kumar Singh (Retd.), Managing Director of NEHHDC and Prof. GD Sharma, Vice-Chancellor of USTM, both representing their respective institutions.

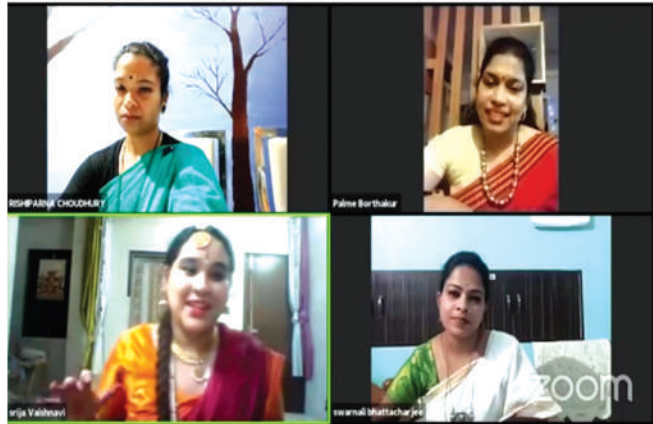
Assam colleges sign MoU with USTM for collaborative research and development

With the purpose to create a framework for collaboration, Principals from eight leading colleges of Assam have signed eight separate Memorandum of Understanding with the USTM on 24th November 2021. The eight colleges are: Ledo College, Tinsukia; Digboi Mahila Mahavidyalaya, Digboi; N. L. Borgohain College, Dibrugarh; Amguri College, Sivasagar; Nowgong Girls' College, Nagaon; Morigaon College, Morigaon; Karmashree Hiteswar saikia College, Guwahati and Goalpara College, Goalpara. The MoUs have been signed by Prof GD Sharma, Vice Chancellor USTM and the Principals of the respective colleges.

An open interactive session was held with the college principals at the NKC Auditorium of USTM which was also addressed by Mahbubul Hoque, Chancellor of USTM.



Global Cultural Fest-2021



The Cultural Forum of USTM has taken a great initiative to organize a Global Cultural Fest-21 to boost up the upcoming youths and their spirit during the Covid pandemic situation. The three-month-long competition started from 15th June 2021 and was divided into two categories- Solo Song Competition which was named "Global Melody Star" and Solo Dance Competition which was named "Rhythmic Heels". The first three rounds of the competition were held online through Zoom Platform as well as on Face book Live. Total 300 participants from more than 150 institutions from different states of India along with our neighboring countries like Bangladesh, Nepal etc. participated in both the competitions.

The Grand Finale was held at the Central Auditorium on 2nd October. Altogether 23 participants from India and Bangladesh showcased their talents in the final round. Renowned singers Dr Sangeeta Kakoti, J. P. Das and renowned dancer Barnali Pujari were the judges. The famous singer duo Shanta Uzir and Bhupen Uzir were also present at the event as special guests. The singing competition winner was awarded a cash prize of Rs 25,000 along with certificate, the first runner up received Rs 15,000 while 10 participants received special cash prizes of Rs 3,000 each. In the dancing competition, the winner received cash prize of Rs 10,000, the first runner up received Rs 8,000, the second runner up received Rs 6000 and seven participants received special prizes of Rs 2,000 each.

Guru Randhawa Live concert at Central Auditorium



The high rated Gabru Guru Randhawa, with countless number of hits, was live in concert at the Central Auditorium of the University of Science & Technology Meghalaya on Sunday evening, 19th December, 2021. Prof. G.D. Sharma, Vice Chancellor, USTM welcomed and facilitated the popular singer at USTM. Thousands enjoyed his performance in a full energy non-stop concert.

Talk by VC, MGCU Bihar



On 16th December 2021, Prof. Sanjeev Kumar Sharma, Vice-Chancellor, Mahatma Gandhi Central University, Bihar delivered a talk on "Transparency is the Gateway for Satisfaction: Role of Administrative Officers". The talk was organized by IQAC, USTM.

Talk by Abhishek Akela



On 27th December, Mr. Abhishek Akela, Founder of Gateway Infotech delivered a talk at the ongoing International lecture series on the topic "Being Corporate Ready & the Realm of Start-up" at NKC Auditorium. The program was organized by Department of Business Administration, USTM.

Students Achievement

GATE QUALIFIED STUDENTS-2021



MAYURI BORTHAKUR
Zoology



NAZIM UDDIN AFZAL
Zoology



EMAN ALI SK
Chemistry



ELIAS KHAN
Chemistry

NE-SLET QUALIFIED STUDENTS-2021



Nur Jalal Mondal
(Chemistry)



Shajed Ali Ahmed
(Zoology)



Rimlee Saikia
(Physics)



Rakhi Kumari
(Zoology)



Ansuman Sarma
(Zoology)



Eman Ali Sk
(Chemistry)



Aditya Das
(Zoology)

Gold Medal at International Taekwondo Championship



Chinmoyee Rajkhowa was awarded Gold medal in 6th Jeet Kune Do Federation Cup 2022 held from 7th -9th January at Talkatora Indoor Stadium. She achieved another Gold medal in the 6th Indian open International Taekwondo Championship 2022 held from 2nd to 4th January at Desert Inn, Jaipur, Rajasthan.



Rashmi Priya Saikia was awarded Gold medal in the 6th Indian open International Taekwondo Championship 2022 held from 2nd to 4th January at Desert Inn, Jaipur, Rajasthan

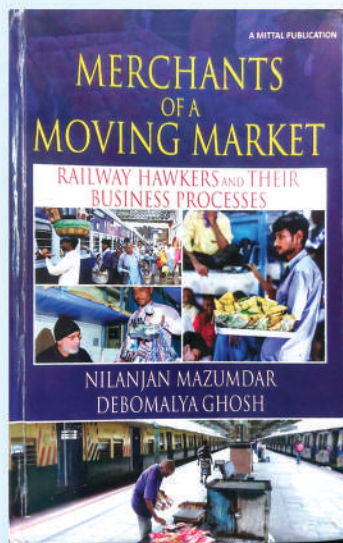
USTM students shine in state level football tournament



Six students from the USTM played brilliantly in the recently held First National Football Federation cup 2021 and have led the Assam team to win the Runner Up Trophy. The tournament was organised by Salvo sports & Games Federation India at Changsari, Guwahati which was held from 10 to 12 December 2021. The students are: 1. Marshal Thaosen (Dept: Sociology), 2. Sameer Hussain (Dept: BSM), 3. Mantong Jemphang (Dept: Pol. Sc.), 4. Harihar Rabha (Dept: BPT), 5. Karan J Marak (Dept: BALLB) and 6. Thaisring Hojai (Dept: BSW). The team was trained by Viliebeizo Kreditsu (Coach).

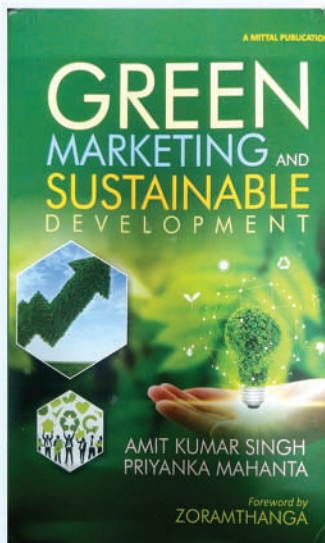
Faculty Achievement

Book Publication by Faculty Members



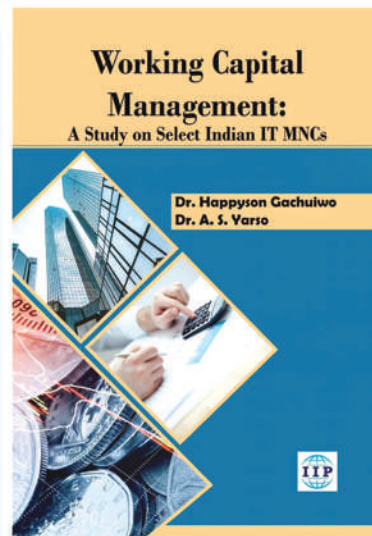
Dr. Nilanjan Mazumdar

Assistant Professor,
Dept. of Business Administration



Priyanka Mahanta

Assistant Professor,
Dept. of Business Administration



Dr. Happyson Gachuiwo

Assistant Professor,
Dept. of Business Administration

Some of the Research Publications

- **Dr. Atowar Ul Islam**, Construction of 3 - Colorable graph and its Application, Design Engineering (Toronto), 2021, IF: 1.41
- **Dr. Lalit Saikia**, A mass balance approach in sediment budgeting of large alluvial rivers with special emphasis on the Brahmaputra in Assam, The Journal of the Indian Association of Sedimentologists (UGC Care Listed), Dec 31st 2021, IF: 3.6
- **Dr. Anindita Bhattacharya**, Assessing pollution removal efficiencies of some selected parameters by applying different remediation techniques for petroleum oily sludge, Environmental Challenges, Dec 2021, IF: 2.88(Scopus Indexed)
- **Dr. Rashmi Baruah and Sukriti Das**, A Study on Emerging Towards Green HRM and Organizational Sustainability: Evidence from manufacturing companies in Assam, The Journal of Oriental Research Madras, Dec 2021, IF: 7.21
- **Dr. Yugal Kishore Mohanta**, Space Breeding: The Next-Generation Crops, Frontiers in Plant Science October 2021, IF: 4.407
- **Dr. Yugal Kishore Mohanta**, Wet chemical development of CuO/GO nanocomposites: its augmented antimicrobial, antioxidant, and anticancerous activity, Journals of Material Science: Materials in Medicine, December 2021, IF: 3.896
- **Dr. Prabal Sarkar**, Assessing pollution removal efficiencies of some selected parameters by applying different remediation techniques for petroleum oily sludge, Environmental Challenges, September 2021, IF: 2.88
- **Dr. Baharul Islam**, A Critical Analysis on Religious Conversion and Personal Laws-Women's Rights Perspective, Social Spectrum (BOOK), October 2021
- **Dr. Jonali Chetia**, A Study on Co-Curricular Activities at Secondary School, Journal of Education: Rabindra Bharati University, November 2021-2022 (IF 5.8)

Dr. Sarifuddin Gazi

Achieves Nobel Citation



Prof. David W. C. MacMillan, Nobel Prize Winner in Chemistry, 2021 for Asymmetric Organocatalysis has cited the research article by **S. Gazi et al.** in *Applied Catalysis B: Environmental* 2011, 105, 317-325, Impact Factor: 19.5 on metal free organic photoredox catalysis in his research article published in *Chemical Reviews* 2013, 113, 5322-5363 with the citation number 51.

Alumni Meet 2021



Alumni Meet 2021 was organized by USTM Alumni Association on the 14th of December at the Central Auditorium. M. Hoque, Chancellor of USTM addressed and interacted with the pass out students while the students shared their memories as well as ideas for their alma mater.

Few visitors during July-December 2021

- ▶ Hon'ble Mr Justice Kalyan Rai Surana, Gauhati High Court
- ▶ Prof D P Singh, Chairman, University Grants Commission
- ▶ Prof D P Agrawal, Former Chairman, UPSC
- ▶ Shri Navin B. Chawla, Former Chief Election Commissioner of India
- ▶ Mr Conrad Sangma, Chief Minister, Meghalaya
- ▶ Dr Himanta Biswa Sarma, Chief Minister, Assam
- ▶ Padma Shri Manas Chaudhuri, Former Education Minister, Meghalaya
- ▶ Shri Lahkmen Rymbui, Education Minister, Meghalaya
- ▶ Dr Kuladhar Saikia, President, Asam Sahitya Sabha & Fmr DGP, Assam
- ▶ Prof Prabha Kr Shukla, Vice Chancellor, NEHU
- ▶ Prof Nageshwar Rao, VC-IGNOU, New Delhi
- ▶ Prof Saket Kushwaha, VC, Rajiv Gandhi University, Arunachal Pradesh
- ▶ Dr. T. G. Sitharam, Director, IIT, Guwahati
- ▶ Pror. Mohammed K. Basheer, Former VC, Calicut University, Kerala
- ▶ Dr P R Swarup, Director General, CIDC
- ▶ Dr Anand S Shrivastava, Director, GIOSTAR, California USA
- ▶ Dr S P Aggarwal, Director, NESAC, Dept of Space, Govt. of India

Few Upcoming Events

- ▶ National Seminar On "Sustainable Agri Business Opportunities & Management Practices Towards Developing the Rural Economy"
- ▶ Session on Tranquillization Technique for Wildlife at USTM by Padma Shri Dr. KK Sarma
- ▶ Plasma Popularization workshop by USTM & CPP-IPR
- ▶ USTM Scholar Guide Conclave to boost up Research Culture
- ▶ Ph.D. Orientation Program
- ▶ Workshop on "Application of Human Resource Information System (HRIS) in Organisation"
- ▶ MoU signing with Cachar Cancer Hospita & Research Centre
- ▶ Lectur by His Excellency Dr Caulibely D Herve, Diplomat Burkina Faso, West Africa

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