

NEHU PANORAMA



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RISE UP & BUILD

VOLUME - 1 ISSUE - I & II

PATRON



FROM THE DESK OF THE VICE - CHANCELLOR



It gives me pleasure and joy to learn that the University is bringing out the NEHU e - journal aptly titled “NEHU Panorama”. After the success of the e - magazine “Me.gong” from NEHU, Tura campus, it was only natural for the Shillong Campus to bring out the e - journal which would cover the events and activities taking place in the university and making the world know about the achievements of the NEHU fraternity.

I am sure that the first edition of the “NEHU Panorama” will be highly successful and ‘will reach out to not just the NEHU students and community but also to the rest of the nation and world. E - journals are a medium through which the reach of the journal can be widened because of the easy accessibility. Our University has a lot to offer and a lot has been achieved in the past one year by the students and the fraternity alike, which needs to be known by the rest of the world and the “NEHU - Panorama” coming out the right time.

I congratulate the Department of Journalism and Mass Communication, its Head of the Department and his entire team in doing an excellent job and bringing out the e - journal. I hope that the first edition will just be the beginning of many editions to follow.

I wish the editor and his team all the very best for the success of the journal.

Prof. Prabha Shankar Shukla
Vice-Chancellor

UPCOMING EVENTS

20th April 2023

Entrepreneurship Awareness Camp organized by Department of Biomedical Engineering, NEHU

20th May 2023

“InSC school in Chronobiology, 2023” to be organised at the Department of Zoology, NEHU

11th August 2023

International Seminar on Indigenous Knowledge and Intellectual Property Rights, Evidence from the Developing Economies

08th September 2023

Pre Conference Workshop and International Conference with 37th Annual meeting of SNCI

NCW organises One Day North East Region Law Consultation on Rights of Muslim Women - Reviewing Muslim Personal Law in collaboration with NEHU



Date - Jan 16th, 2023 : The National Commission for Women in collaboration with the Department of Law, North-Eastern Hill University organized a One Day North East Region Law Review Consultation on “Rights of Muslim Women – Reviewing Muslim Personal Law” at NEHU, Shillong on 16th January, 2023, as part of Five Regional Consultations on the subject, with the aim of incorporating viewpoints from diverse sectors and stakeholders from different regions in the process of suggesting comprehensive changes in the law relating to the subject to protect the interest of the Muslim Women. The programme was attended by experts on the subject and panellists from different states in the North Eastern Region viz., Smt. Patricia Mukhim, Ms. Iamonlang Syiem, Prof. H. Askari, Dr. Shariffudin, Sri Zulfi Ali, Ms. Jamima Marak, Ms. Fatima Nongbri from Meghalaya, Prof. Zoengpari

from Mizoram, Dr. Sabrina Iqbal Sircar, Dr. Nazrana Ahmed, Dr. Mujibur Rahman, Dr. Ashma Begum, Sri Yousuf Choudhury, Dr. Anjuman Ara from the state of Assam, Dr. Mostafa Kamal and Dr. Salim Shah from Tripura and Sri Juno Rahman and Ms. Ipham Sharmila from Manipur. The Vice Chancellor’s nominee, Prof. C.A. Mawlong was the Chief Guest on the occasion and the valedictory session was chaired by Prof. Desmond L. Kharmawphlang. The Programme was coordinated by Prof. Jyoti J. Mozika, Department of Law, NEHU. Dr. Naveen Kumar, Head In Charge of the Department of Law, NEHU was also present. On behalf of the National Commission for Women, Ms. Priya Bhardwaj, Legal Counsellor, NCW attended the event. The program was marked by brainstorming sessions on various aspects of Muslim personal law like marriage, divorce, inheritance, succession, legitimacy, age of marriage, maintenance etc. There

was divided opinion on whether the Muslim Personal Law should be codified with the majority in favour of it. The role of education and the need to change the perception of the community especially the conservative partriarchal culture of the society was also highlighted.

Cricket Match for Makar Sankranti and Rebulic Day Celebration organised by Azadi Ka Amrit Mahotsav



Date: Jan 26th, 2023 : To observe Makar Sankranti and also to celebrate the Republic Day, the NEHU Core Committee of the Azadi Ka Amrit Mahotsav has organised a Cricket Match in between Teaching & Non-Teaching versus Research Scholars of the University on the 26th January 2023 at the NEHU Multi Purpose Ground, NEHU Permanent Campus, Shillong.

The cricket match was inaugurated by the Hon'ble Vice-Chancellor of the North-Eastern Hill University Prof. P. S. Shukla along with the Registrar In-charge, Prof. S. K. Dixit. Winning the toss, the team of Teaching

& Non-Teaching chooses to bat first and put a score of 159 runs after 20 over. The Research Scholar team of the University has comfortably chased the run. The teams were awarded with T Shirts and medals.

The Dept. of Rural Development and Agricultural Production, (NEHU) organizes a two days webinar on “Fermentation: Interplay of Microbes, Immunity and Health”

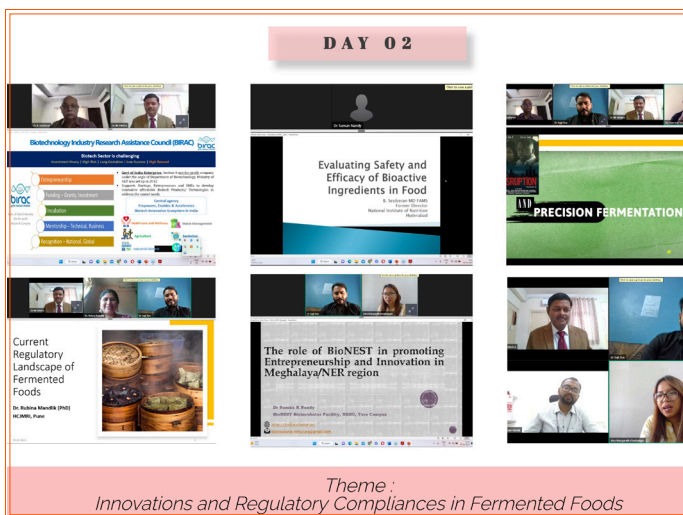
**FERMENTED FOODS
IN GENERAL
AND PROBIOTIC FUNCTIONAL FOODS
IN PARTICULAR
ARE BEST SUITED FOR THIS PURPOSE...**



Date - Feb 4th, 2023: A two days webinar on “Fermentation: Interplay of Microbes, Immunity and Health” was organized by the Dept. of Rural Development and Agricultural Production (RDAP), North-Eastern Hill University (NEHU), Tura campus, with due support from the Biotechnology Industry Research Assistance Council (BIRAC), a Government of India initiative during February 03rd -04th, 2023. The huge gathering of more than 2000 participants across the GoTO Meeting platform and YouTube live streaming was welcomed by Ms. Bethsheba

Basaiawmoit, Research Scholar; Department of RDAP, NEHU, Tura campus and apprised about the ancient practise of fermentation in the north-eastern region (NER) of India as a way of food preservation. Dr. B.K Mishra, Head, Department of RDAP, NEHU, Tura Campus thanked the participants for their overwhelming response and informed the gathering about the innovative fermented products developed in NEHU, Tura Campus.

This was followed by a vivid and lucid portrayal of recent activities and achievements of NEHU, Tura Campus,



Danone India Pvt. Ltd explained the significance and the role of gut microbiota in maintaining the balance of the health system in an individual. Dr Hajela also emphasized the mechanism of action of probiotics in the gut. Dr. Prakash Halami, Chief Scientist, Professor - Academy of Scientific & Innovative Research (AcSIR), and Head, Department of Microbiology and Fermentation Technology; Food Protectants & Infestation Control, CSIR-CFTRI, Mysore illuminated the audience about recent advances and future challenges in the field of probiotics and postbiotics, the types of postbiotics, their sources, implications towards health benefits, and the production and characterization method of the post-biotics. The final speaker of the day Dr. Gopal Ramakrishnan Gopi, Chief Operating Officer, FGSV Bioprocessing Plant, Thanjavur, Tamil Nadu Thanjavur, Tamil Nadu, elaborated on the latest advances in biological preservatives with special reference to nisin. Dr Gopi highlighted the development of nisin and its integration into different foods as a preservative. He also highlighted the challenges and issues in the fermentation of nisin and the modulation of the upstream and downstream processes for optimal production. The webinar was concluded by Mr. Shanbor Sayoo, Lab Assistant, B3I Facility, NEHU Tura Campus through a summarization of the day one activities.

by the honourable campus-in-charge, Prof. Sujata Gurudev. Dr. Sujit Das, Technical Officer, BIRAC, briefed the attendees about BIRAC's commitment to excel in innovation and entrepreneurship. On the first day of the webinar, speakers across Academia and Industry shared their expertise and valuable insights on the role of prebiotics, probiotics and post-biotics towards health and nutrition, their use in the development of fermented foods, the challenges faced and the ways to resolve. The first speaker of the session Shri. Sameer Saxena, Head, Quality Assessment & New Product Development (QA & NPD), Anand Milk Union Limited (AMUL), Gujarat Cooperative Milk Marketing Federation, Gujarat displayed the reach, and achievements of Amul as a brand and the range of fermented food, beverages and probiotic products at Amul's disposal. Shri Saxena also showcased the marketing and promotional campaigns executed successfully in bringing awareness to consumers. Dr. J.B Prajapati, Chairman, Verghese Kurien Centre of Excellence, Gujarat navigated through the marketing trends of fermented foods. His session focused on the health benefits of probiotics, and the challenges and methods of fermented product development using probiotics. Dr. Neerja Haleja, Secretary, Gut Microbiota and Probiotic Science Foundation, Delhi and Head, Science and Regulatory Affairs, Yakult



NEHU organizes DST STUTI from 6th to 12th February, 2023

Date - Feb 6th , 2023 : *The Department of Biomedical Engineering, North Eastern Hill University, Shillong is organizing a week long Department of Science and Technology (DST), Delhi sponsored Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI) from 6th to 12th February, 2023. The event is being organized in collaborations with the Jamia Hamdard University, Delhi, Sophisticated Analytical Instrument Facility (SAIF), NEHU and the Society for Neurochemistry India (SNCI), India. The theme of the event “Innovations in Healthcare Technologies”.*

The workshop was inaugurated by the Vice Chancellor I/c, NEHU Prof. D.K. Nayak, Prof. B. Panda, Honorary Director; NERC-ICSSR, NEHU, Prof. Prakash Babu, Secretary General, SNCI from University of Hyderabad, Prof. Suhel Pervez, Coordinator DSTPMU, Jamia Hamdard University, Delhi, Prof. Prasenjit Biswas, Director,



Office of International Affairs, NEHU, Prof. Iftekhar Hussain, Dean, SoT, NEHU, Shillong and Dr. Dinesh Bhatia, Coordinator, DST STUTI, NEHU, Shillong alongwith other faculty members and staff of the University.

enhancing the available of manpower resources in the country. He informed participants that more than 22 STUTI programmes have been organized by his team in all parts of the country with NEHU being the

Participants from all parts of the country are attending the Workshop. The aim of the week long Workshop is to provide participants with extensive



only institute in the North-East region of the country. Prof. Prakash Babu, University of Hyderabad stressed on the activities of the SNCI since

knowledge with regards to the recent advancements in the development of healthcare technologies and how to translate research from laboratory to market or bench to bedside to make it customized and affordable. The key features of the Workshop lay emphasis on open scientific discussion with experts from academia, research organizations and industry, providing hands on laboratory training session with presentation of the participants through symposia and group meetings and direct interactions with experts from Industry.

the early 1970s and how it has evolved to develop scientific temper in the field of neuroscience in the country and its role in grooming the budding scientists and researchers from all parts of the country over the years since its inception. He informed the august gathering as to how they could seek benefits by joining the society and enhance their career objectives. Prof. B. Panda emphasized on the economic aspects which requires to be understood while carrying out development and design of healthcare technologies by evaluating cost versus benefits for the society at large. Prof. Prasenjit Biswas enlightened the participants about the activities being carried out by the Office of International Affairs at NEHU and the role of Bioethics, neuroscience in understanding the varied types of neurological disorders affecting the society which are not properly reported. Prof. D.K. Nayak, Vice Chancellor I/c NEHU requested the participants to make full use of the opportunity presented and try to enhance their skills so that it could be transformed to

societal outcome and benefit the end consumers. Dr. Dinesh Bhatia, Coordinator of the DST STUTI programme enlightened the participants about the objectives of the week long course and how it would be beneficial for the participants. He profusely thanked all those involved in organizing the event including the press and media for giving widespread coverage.

National Institute of Electronics and Information Technology, Shillong organizes Capacity Building Course on “Internet of Things” at NEHU Shillong



Date - Feb 20th , 2023 : National Institute of Electronics and Information Technology, Shillong in collaboration with the Department of Biomedical Engineering, North Eastern Hill University, Shillong has started a course on Internet of Things (IoT) under the project “Capacity Building in IECT including Training in Digital Skillsets and current Industry Demanding Technologies for various section of society in the NE States” funded by Ministry of Electronics and Information Technology”

The course was inaugurated on 20th February’2023 by the Vice Chancellor NEHU, Prof. Prof Prabha Shankar Shukla and the other dignitaries present namely Dr Y Jayanta Singh, Executive Director NIELIT Shillong and Guwahati, Prof. Md. Iftexhar Hussain, Dean, SoT, NEHU, Shillong, Dr. Dinesh Bhatia, Associate Professor and Course Coordinator, Bio Medical Engineering Department, NEHU, Shillong, Sh Anand Raje, Director of BASIS Technologies Pvt. Ltd., Sri Santanu Borgohain, Centre-in-Charge NIELIT Shillong, Vidhya Vibha, Scientist-C NIELIT Shillong and Ng Saritamala Devi, Senior Technical Officer NIELIT Shillong.

Close to 120 students from different disciplines enrolled for this 10 days long course till 4th March,

2023. The program started with the welcome speech by the course coordinator Dr. Dinesh Bhatia. He welcomed all the guests and briefed about the objective of organizing the IoT course and its future impact in different areas of healthcare, devices, agriculture, communication etc.

He hoped participants would benefit from the course and a close collaboration could be established between NIELIT and NEHU to enhance capacity building and skill development in the region. Prof. Hussain in his speech outlined the various aspects of IoT including its challenges and the evolution of technology over the past 50 years.

Dr Y Jyanta Singh, Executive Director of NIELIT Shillong and Guwahati highlighted the importance of such course and how it could develop desired technical skills and create bonding among participants from different technical fields which would help in their future endeavours and career growth. Sh Anand Raje Director of BASIS Technologies Pvt. Ltd. And an industry expert mentioned about the industry requirements related to IoT and how to get involved with core technologies to leverage future outcomes that will help in changing the Indian landscape in the technological sector.



The Vice Chancellor NEHU Prof. Shukla appraised the student to sincerely devote their time to learn from industry experts about IoT and its applications. He further stated for setting up of an ideation centre in the University that would help the students to brainstorm and implement their ideas with help of professionals. The program ended with vote of thanks by Sri Santanu Borgohain, Centre-in-Charge NIELIT Shillong who thanked all officials involved in smooth conduct of the programme.

Commemorating the 2nd Death Anniversary of (L) Prof. A. K. Nongkynrih

COMMEMORATING 2ND DEATH ANNIVERSARY OF (L) PROF. A.K. NONGKYNRIH



“The proper function of man is to live, not to exist. I shall not waste my days in trying to prolong them. I shall use my time.” - Jack London

Date: Feb 20th, 2023 : The Department of Sociology, North-Eastern Hill University, commemorated the 2nd Death Anniversary of (L) Prof. A. K. Nongkynrih on the 20th of February, 2023 by conducting a cleaning drive and tree plantation in the Law Adong (Protected Forest) which was an initiative undertaken by (L) Prof. Nongkynrih in the year 2004.

The programme started with the plantation of a number of tree saplings with active participation from the teachers, students and research scholars of the Department along with the invited guests. The cleaning drive was also conducted.

There was a memorial lecture at 11:30 a.m. in the Social Science Cluster Classroom (303), which was delivered by Prof. B. Karlsson, Professor of Social Anthropology, Stockholm University, Sweden on “Food Sovereignty”. The introductory address was given by the Head of the Department, Prof. B. Panda who welcomed the gathering and the speaker besides speaking words of admiration for (L) Prof. A. K. Nongkynrih and his works.



Prof. Karlson in his lecture emphasised the importance of food culture as a pedagogic tool for agriculture. He further stressed on strengthening of traditional knowledge and food systems which was elaborated with the example of Millet and Buckwheat cultivation. He further argued that it is critical to revive the culture and the importance of these crops rather than just the cultivation process for economic purposes. There was an interactive session between the speaker and the research scholars and students of the Department. The programme was also attended by Mr. Donald Nongkyrih, the nephew of (L) Prof. Nongkyrih, who shared a few words and gratitude for being invited. A song was composed and performed by Ms. Jessica Rymbai, a research scholar of the Department in dedication to (L) Prof. Nongkyrih. The Vote of Thanks was delivered by Prof. Rekha M. Shangpliang. All the students, research scholars and faculty collectively participated in the programme.

A One-Day National Webinar on the theme “NEP 2020: Languages, Culture and Values”



Date: Feb 24th, 2023 : The Department of Khasi, NEHU, Shillong and UGC-Human Resource Development Centre (UGC-HRDC) North-Eastern Hill University, Shillong jointly organised a One-Day National Webinar on the theme “NEP 2020: Languages, Culture and Values” on the 24th February 2023. The webinar started with the inaugural programme where Dr. Kuheli Biswas Das, Convener of the webinar and Assistant Professor, UGC-HRDC, NEHU, Shillong welcomed all the faculty and participants who have joined the webinar. Prof. D.R.L. Nonglait, Head, Department of Khasi, NEHU, Shillong during his speech, said that importance should not be given only to scheduled Indian languages but also to regional and local languages. He further added that efforts should be made to promote tribal languages. Prof. H.K. Mishra, Director, UGC-HRDC, NEHU, in his chair’s remarks said that the issue of language, culture and values in education is highly needed to be discussed especially in higher education. Dr. M.M. Khyndeit, the Coordinator of the webinar gave an introductory remark about the webinar. In the first session, the key speaker Prof. Prakash Chandra Pattanaik, Chair Professor for Tribal Studies,

Central University of Odisha and former Professor & Head, Department of Modern Indian Languages and Literary Studies Delhi University delivered a lecture

“A language could be preserved and promoted not by documenting it but by using widely in several domains”
Prof. Pattanaik

on the topic “NEP 2020: Issues of Indian Languages”. In his lecture, Prof. Pattanaik discussed about issues and challenges of non-scheduled languages in India by referring to ‘tribal languages’ as mentioned in NEP 2020. He said that a language could be preserved and promoted not by documenting it but by using widely in several domains.

The key speaker of the second session was Prof. Antoinette Kharmalki, Professor, Department of Khasi, NEHU, Shillong and the topic of her lecture was “Language and Culture: A study of ‘Ka Akor’ Khasi”. Kharmalki gave a theoretical discussion on language and culture and highlighted that culture, language and value are interwoven. While discussing about ‘Ka Akor’ (Good conduct) in connection to language, she said that without knowing values, grammatical knowledge alone is insufficient for fruitful communication in any language.

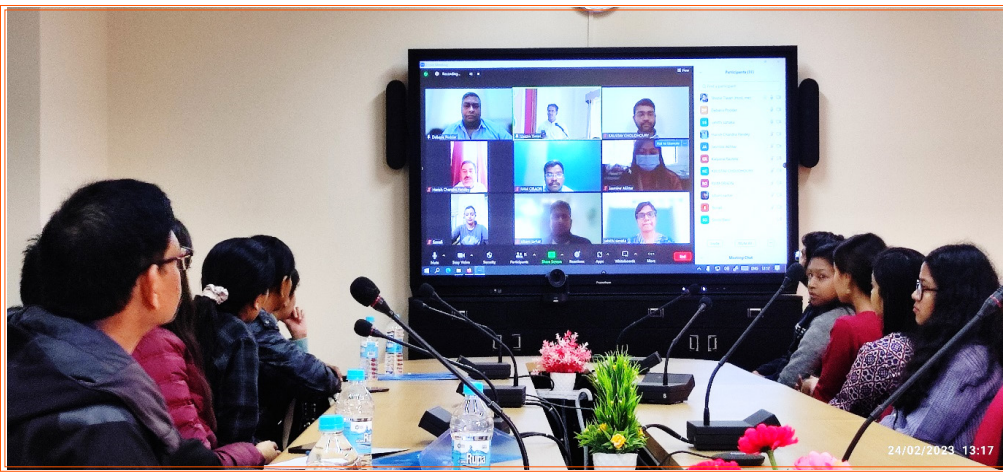
In the third session, Prof. Prasenjit Biswas, Department of Philosophy, NEHU, Shillong talked about “Educational Aspects of Values: Moral sensitivity and critical thinking in Indian Context”.

Participants, mostly college teachers from several places of India participated in the webinar. The webinar ended with a valedictory programme in the presence of the Head and faculty of the Department of Khasi and UGC-HRDC, NEHU, Shillong.

National Seminar on “Forest-Dependent Rural Livelihoods” jointly organized by the Department of Botany and the Department of Law, NEHU.



Date: Feb 24th & 26th, 2023 : Forests provide subsistence livelihoods to dependent rural households nearly everywhere in the world. The forests cover an estimated one-third of the Earth’s land mass and support around 1.6 billion people, including more than 2,000 indigenous cultures, for their livelihoods. In India, 275 million people depend on forest-based livelihoods, both for subsistence and income. Every passing day, the forests are facing depletion of the resource base. This coupled with stricter legislations to access the resources has resulted in rising hardship to the dependent people. Realizing this fact, the Government of India enacted the ‘Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006’ [briefly known as the FRA 2006] to allow the tribal and rural societies the rights they held before the designation of protected areas (sanctuary, national park, tiger reserve, etc.). The Act has yielded mixed results. Hence, a first of its kind National Seminar was organized in the Conference Hall of the ICSSR in NEHU Campus, Shillong during February 24-26, 2023, jointly by the Department of Botany and the Department of Law. The ideation was received from the Arshuma Famous Books and discussed with the ICSSR-NERC, Shillong who readily subscribed the idea and offered a seminar grant. The seminar was aimed at the following three themes: 1) pros and cons of the forest legislations, 2) biotic systems and bioresources for people, and 3) future and



the seminar, Prof. Prodyut Bhattacharya's keynote talk was focussed on **“Bringing Future Sustainability in Forest-Based Rural Livelihoods in India”**.

Based on his three decade-long experience in the BRT Wildlife Sanctuary,

sustainability of rural livelihoods. The three day-long event received 64 abstracts. Of these, 52 were orally presented in six technical sessions. The inaugural session was chaired by Prof. N. Saha, Dean, SLS, NEHU in the company on dais of Prof. Prodyut Bhattacharya, Chief Guest and Keynote Speaker from the GGS-Indraprastha University, New Delhi, Dr. R. Siddappa Setty, Guest of Honour from the ATREE, Bengaluru, Prof. B. Panda, Director, ICSSR-NERC, Shillong, and Prof. Uma Shankar, Convener of the Seminar. The seminar was physically attended by over 60 participants including delegates, faculty members from NEHU, and the research scholars and students, and nearly as many numbers were connected online on the zoom platform. Along with traditional lighting of lamp, chanting of jana gana mana, unveiling of the book of abstracts and the introduction of

Dr. Siddappa Setty presented a success story of “Sustainable Forest Management and Livelihoods in Western Ghats, Karnataka.” Prof. B. Panda appreciated the topic chosen for the seminar and highlighted the role of ICSSR in organizing such events and introduced opportunities to the students. Prof. N. Saha awesomely lauded the seminar theme, the timing and the place of its organization since the region of Northeast India is rich in forest resources and in the diversity of cultures and people dependent on forests. Prof. Uma Shankar in setting the background and introducing the themes of the seminar remembered the inspiration from Late Prof. R.S. Tripathi who served the Department of Botany for nearly 26 years in its establishment phase. Sri Shishir Tiwari, Co-Convener offered the vote of thanks.

Report by: Uma Shankar

“Migration Remittances and Development” an Eminent Social Scientist Lecture organised by The Department of Economics, NEHU in collaboration with ICSSR-NERC



Date: Feb 28th, 2023 : The Department of Economics, NEHU in collaboration with ICSSR-NERC organized an Eminent Social Scientist Lecture “Migration Remittances and Development” delivered by Dr. Dilip Ratha, head of Knomad and lead economist, Migration and Remittances, Social Protection and Jobs, Global Practice at the World Bank at 11 am on the 28th of February, 2023 at the Cluster of Classrooms (Social Science and Humanities) NEHU.

The lecture was attended by faculty from different departments and students from Economics and Commerce departments of the University. Prof. A. Pati, Dean SEMIS, gave the welcome address followed by introductory remarks by Prof. B. Panda, Director of ICSSR-NERC. Prof. S. Umdor, HoD of Economics proposed the Vote of Thanks. The meeting was chaired by Prof. D. Nayak, Acting Vice Chancellor, NEHU.

The two hours programme included an interactive session followed by serving of light refreshments. This is the fourth such programme organised by the department under the “Special Lecture Series” since 2021.

S. Umdor
HoD, Economics

A Glimpse of Meghalaya, “ The Myth about Ka Krem Lamet Latang ”



This myth tells of how the Sun went into hiding ki Ka Krem Lamet Latang, because she could not bear the insult dished out to her on the occasion of her dancing with her brother the Moon. With her disappearance, the world was left in total darkness, and so the problem of bringing her back arose. It was said that many, attempts to bring back the Sun failed. It was only the cock who could do so and from that time onwards the Khasi community considered the cock as U 'larkradynti (the approach) to God and a cock became the symbol of the Khasi religion. It was used as sacrificial offering in all Khasi religious ceremonies.

by
Sumarnita Skhembill

EDITORIAL

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