



# Me · Gong

E-Magazine, NEHU,  
Tura Campus

2nd Issue, January - April 2023

# Message from the Vice-Chancellor

It gives me immense pleasure to note that Tura Campus of the North-Eastern Hill University is bringing out its next issue of the E- Magazine “Me×gong”. The E-Magazine reflects not only the achievements of the Campus but also informative and resourceful.



I am also gratified that the University has achieved yet another milestone in the national ranking bagging 15<sup>th</sup> position in the IIRF. This has been possible with concerted efforts from all the stake holders of the University, including the fraternity of the North-Eastern Hill University

I congratulate the Editorial team in bringing out this multiple issue. I wish the entire team all success in the coming months for achieving the ultimate motto “*Rise up and Build*”.

Prof. Prabha Shankar Shukla  
Vice-Chancellor

## From the Campus-In-Charge's Desk

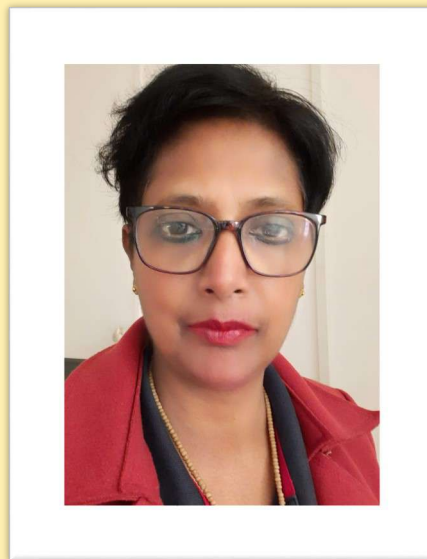
The North-Eastern Hill University, Tura Campus was created with a specific and generic purpose of not only living up to its motto 'Rise Up and Build' as a Centre of Academic excellence, but as a centre for social outreach towards feeder colleges and communities. The NEP goal and vision is for Holistic development thus every event on Campus has a dual purpose of both academic and social outreach. It gives me immense pleasure to declare that the Me. gong, a quarterly e-magazine showcasing the wealth of creative, critical and research activities of NEHU Tura Campus is coming up with its second edition. I congratulate the entire e-magazine committee for their sincere efforts.

The year 2023 started with the visit of the Hon'ble Governor of Meghalaya Brig. (Dr.) B. D. Mishra (Retd.) and the first Lady of the State Smt. Neelam Mishra. The visit was marked by a digital drone tour of the Campus, an exhibition and the digital inauguration of the foundation stone of women's Hostel. During the first quarter, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya organized Training cum input distribution programme for farmers, Training cum planting material distribution programme for farmers and Capacity Development Programme for Entrepreneurship Development. The Biotech KISAN Hub and Bio-Resources Development Hub Building of North-Eastern Hill University, Tura Campus, Meghalaya was also inaugurated during this quarter.

The MSW Programme North-Eastern Hill University, Tura Campus, commemorated World Social Work Day with the Theme: "Respecting Diversity through Joint Social Action". Department of Education, NEHU, Tura Campus organized a Community Extension Programme entitled 'National Education Policy, 2020 and the Roles and Policy of Higher Education and Reforms of Assessment in Higher Education'. The department also organized One Day Workshop on National Education Policy-2020 at Mendipathar College.

BIRAC's BioNEST Bioincubator (B3I) Facility at NEHU Tura Campus in collaboration with the Department of Rural Development and Agricultural Production (RDAP), conducted a hands-on training program on Pickle Preparation with sixteen rural entrepreneurs. They also organized two days webinar on "Fermentation: Interplay of Microbes, Immunity and Health". Department of Computer Application also organized special lecture with Prof. Nayan Moni Kakoty Co-ordinator of DST-TEC center of Tezpur University. In addition Dr. Dr. Namrata Pathak, Assistant Professor, Department of English NEHU faculty selected for prestigious Charles Wallace Fellowship. Dr. Crystal Cornelious D. Marak nominated to represent state in General Council of Sahitya Akademi, New Delhi.

With this I again congratulate the entire e-magazine committee for their sincere efforts towards documenting the achievements of NEHU Tura Campus.



**Prof. Sujata Gurudev**  
Campus-in-Charge, North-Eastern Hill University, Tura Campus

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# Visit of Hon'ble Governor of Meghalaya

The visit of the Hon'ble Governor of Meghalaya Brig. (Dr.) Mishra (Retd.) and the first Lady of the State Smt. Neelam Mishra at 11.30 am to NEHU, Tura Campus was marked by joy and celebrations . The Honoured Guests who included guests from the Academia, dignitaries from Civil Administration, Nokmas, Prominent members of Civil Societies, Entrepreneurs, Press and Media and the NEHU Fraternity, Teaching Non-teaching and students of the Campus.

The Governor in his address elaborated upon an achievement which encapsulated a module of 100 percent viz a viz target , days and achievement. He elaborated upon the three categories of Administration, Teachers and Students that make up the University. He Emphasised upon the teachers' devotion and dedication in the making of quality students. He also spoke about entrepreneurship and the vision of the NEP in generation of job opportunities.



Along with a virtual tour , Campus showcased it's achievements in three sectors of departmental , student and Campus activities which included a 100 Computer NTA centre , a digital e magazine , community outreach programmes, village adoption as projects and research on Campus. The Hon'ble Governor digitally inaugurated the foundation of a Girls Hostel at NEHU Tura Campus.

The Vice Chancellor, Prof. P. S. Shukla warmly welcomed the Governor and every member of the August Audience. He emphasised the fact

that 'Vidya Dhanam' providing education was the highest service to mankind. The Campus In-charge Prof. Sujata proposed the vote of thanks. Warmly thanking the Hon'ble Governor Brig. (Dr.) Mishra (Retd.), the First Lady of the State Smt. Neelam Mishra, the Vice-Chancellor Prof Shukla as well as all the dignitaries and invited guests present and the NEHU fraternity at large for making the visit a memorable one.

The tour ended with a visit to the Exhibition hosted by Incubation Centre, NEHU, Tura Campus in collaboration with the District Sericulture Office and District Industry & Commerce, Government of Meghalaya which showcased the Eri handloom products local wines made from a wide variety of fruits. And marketing of local honey were also exhibited. The NEHU Tura Campus in its outreach to entrepreneurs seeks to promote research on the viable production and marketing sector for local produce.



# 74th Republic Day celebration at NEHU Tura Campus

NEHU Tura Campus celebrated the 74th Republic Day with pride and fervour. The ceremony began with the hosting of the tricolour flag by Prof. Nikme Ch. Momin Department of Education/Campus Incharge, NEHU Tura Campus accompanied by the Joint Registrar, Shri. L.S. Kumar.

Flag hosting was followed by the National Anthem to pay tribute to the Motherland.

Thereafter, addressed the gatherings by Abimanu Kumar, Research scholar, Department of Management, on behalf of students, Prof. G. Singaiah, on behalf of faculty members, Shri. L.S. Kumar, Joint Registrar and Prof. Nikme Ch. Momin.

Prof. G. Singaiah in his speech highlighted to work together for the development of the campus. Shri. L. S. Kumar, Joint Registrar, in his address, he highlighted the important of constitution and to respect basic principles and values gives us by our constitution. He urged the staff and students to work hard, to maintain peace and harmony and must remember the sacrifices of freedom fighters and make a better and stronger nation.

Prof. Nikme Ch. Momin has expressed concerned how our forefathers fought and sacrificed their valuable life for the freesome of our motherland. She highlighted the freedom movement through non-voilence by the Father of the Nation Mahatma Gandhi and later became free from the British colonial rule. She has added that how the constitution of India has became effect from 26th January. Its our outmost duty to work together to make India brighter future.

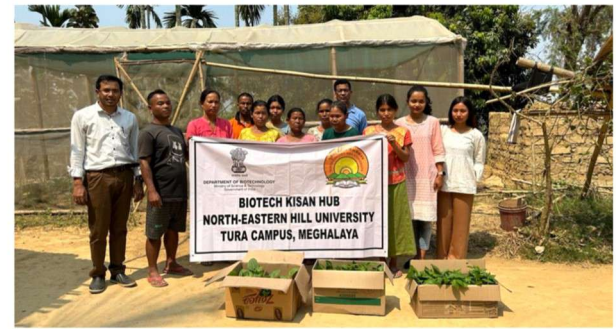
Mr. L. M, Marak, Section Officer, Incharge has expressed concerned that whoever and whatever you do with dedication and extend our hands together in order to bring the campus, NEHU, as well as greater India best today and best tomorrow. He has also thanked all the participants such as Teaching, Non-teaching staff, students, security personally for making the function beautiful and colourful.

## Training cum Input Distribution Programme

Training cum input distribution programme for farmers was organized by Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya on Saturday 11<sup>th</sup> March 2023 at Cherong SHG, Katuli Walkamgre, South West Garo Hills, Meghalaya and at Bandalkona Training Centre, South West Garo Hills, Meghalaya. The programme was led by Dr. Arindam Barman, Project Coordinator, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya; Mr. Michael Sangma, Secretary, Adil Gandhian Society, Tura, Meghalaya; Mr. Nathan Ch Momin, Member, Adil Gandhian Society, Tura, Meghalaya; Ms. Neha M. Sangma, Project Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya and Amy D. Shira, Project Activity Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya. Dr. Arindam Barman en-



encouraged the farmers to focus on growing of vegetables suitable for the low cost polyhouse cultivation (tomato, capsicum, naga chilli etc) and to produce compost/vermicompost that would simultaneously increase the farmer's income throughout the year. He said that the programme was organized with a view to uplift the socio- economic development of aspirational village in Ampati. Training on how to grow the vegetables in a scientific way and how to use the vertical spaces inside the polyhouse and also making of the compost/ vermicompost with the available biodegradable wastes was given by Neha M Sangma and Amy D Shira. The training was also given to the physically disabled members of Cherong SHG, Katuli Walkamgre, South West Garo Hills, Meghalaya. An open scientist- farmer's interaction was made to understand and redress the concerns of farmers followed by distribution of planting material of vegetables to the farmers. The farmers were elated and contented with the training programme and further seek for more training in the future.



## Capacity Development Programme For Entrepreneurship Development

Capacity Development Programme for Entrepreneurship Development was organized by Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya on Monday 20<sup>th</sup> March 2023 at Bandalkona Training Centre, South West Garo Hills, Meghalaya to identify and motivate the traditional and non- traditional entrepreneurs and farmers who have the potential of setting up a small-micro enterprise. The programme are led by Prof. P S Shukla, Hon'ble Vice Chancellor, NEHU, Meghalaya; Prof. Sujata Gurudev, Campus In-Charge, NEHU, Tura Campus; Dr. Arindam Barman, Project Coordinator (Biotech KISAN HUB, NEHU, Tura) & Assistant Professor, Department of Horticulture, NEHU, Tura Campus, Meghalaya; Mr. Michael Sangma, Secretary, Adil Gandhian Society, Tura, Meghalaya; Mr. Nathan Ch Momin, Member, Adil Gandhian Society, Tura, Meghalaya; Ms. Neha M. Sangma, Project Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya and Amy D. Shira, Project Activity Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya. This training programme was conducted to upgrade the skills of prospective farmers farmers who have the potential of setting up a small- micro enterprise. The programme are led by Prof. P S Shukla, Hon'ble Vice Chancellor, NEHU, Meghalaya; Prof. Sujata Gurudev, Campus In-Charge, NEHU, Tura Campus; Dr. Arindam Barman, Project Coordinator (Biotech KISAN HUB, NEHU, Tura) & Assistant Professor, Department of Horticulture, NEHU, Tura Campus, Tura, Meghalaya; Mr. Nathan Ch Momin, Member, Adil Gandhian Society, Tura,

Meghalaya; Ms. Neha M. Sangma, Project Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya and Amy D. Shira, Project Activity Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya. This training programme was conducted to upgrade the skills of prospective farmers and the existing workforce, etc. The objective behind this programme is to provide training that would boost their abilities at the same time equipped them with technological skills that help in the production and marketing process of agricultural products. The farmers were quiet satisfied with the training and very soon the Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya will extend more facilities (low cost shade net house, planting material, composting units etc) to execute the programme in field level for the societal development.



## Biotech KISAN Hub and Bio-Resources Development Hub Building inauguration

An inauguration programme for the Biotech KISAN Hub and Bio-Resources Development Hub Building of North-Eastern Hill University, Tura Campus, Meghalaya was done on 20/03/2023 at NEHU, Tura Campus, Meghalaya. The Biotech KISAN Hub and Bio-Resources Development Hub Building of North-Eastern Hill University, Tura Campus, Meghalaya was inaugurated by Prof. Prabha Shankar Shukla, Hon'ble Vice-Chancellor, North-Eastern Hill University, Meghalaya in the presence of Prof. Sujata Gurudev, Campus In-Charge, North-Eastern Hill University, Tura Campus, Meghalaya and Dr. Arindam Barman, Project Coordinator (Biotech KISAN Hub) & Assistant Professor, Department of Horticulture, NEHU, Tura Campus, Meghalaya.





## Celebration of World Social Work Day

On 21<sup>st</sup> March 2023 The MSW Programme North- Eastern Hill University, Tura Campus, commemorated World Social Work Day with the Theme: “Respecting Diversity through Joint Social Action”. The program was graced by Prof. Sujata Gurudev the NEHU Tura, Campus In-charge as a Chief Guest and Smt. Hemaritha Ch. Sangma, District Social Welfare Officer, West Garo Hills as a key speaker.

The program started with a flash mob from MSW 4<sup>th</sup> Semester Students, followed by a welcome address from Dr. Tilok Thakuria, teacher-in-charge of MSW, and an introduction of the program by Dr. Doneti Sivaji Coordinator of MSW. There was a role play on the theme “respecting diversity through joint social action” by the Students focusing on social inclusivity and reducing the feeling of differences. Towards the end, there was an ovation pledging to stop racism, discrimination and indifferences but to respect social diversity.

Smt. Hemaritha Ch. Sangma, District Social Welfare Officer, West Garo Hills addressed the students and faculties emphasizing on respecting diversity, and eliminating stigmatization on race, gender, caste, tribe, looks and color. She addressed the needs of Professional Workers who can intervene social issues scientifically based on Social Work code of conduct, methods, goals and objectives. She expressed her contentment to have a Social Work programme in NEHU Meghalaya, it eases up and minimizes parents’ expenditure to study in their own native place, they’ll get rooted and know more about the region and start intervening various social issues.

**Prof. Sujata Gurudev NEHU Tura Campus In-charge** addressed the occasion emphasizing on joint action to curve social differences; she applauded the key speaker Smt. Hemaritha Ch.Sangma on her professional background and societal contribution. She talked about the importance and dignity of social services no matter what kind of job we are doing. There is a joy to be one with the five elements of nature and with people in the society, she also urged the gathering to be in action and never gave space to idleness for it is the devil’s workshop.

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## Community Extension Programme on Assessment Reform in India with reference to CUET, 2023

Targeting the 6<sup>th</sup> semester students of the Higher Education Institutions and aligned to the National Education Policy, (NEP) 2020, Department of Education, NEHU, Tura Campus in collaboration with the Tura Christian College (TCC), organized a Community Extension Programme entitled 'National Education Policy, 2020 and the Roles and Policy of Higher Education and Reforms of Assessment in Higher Education' at Tura Christian College, Tura, on the 22<sup>nd</sup> March, 2023. Coordinator of the programme, Prof Nikme S C Momin, speaking on the topic "A Closer Look at the purpose of Assessment in the Indian Context", emphasised the importance of "essential graduate attributes". Students and teachers were encouraged to make learning and assessment continuous comprehensive for a visionary education which would be multidisciplinary, holistic, value based, and skill based. Dr Binu Mathew, Associate Professor of the Department of RDAP gave a full meticulous session on a much needed National Testing Agency (NTA) topic entitled "CUET (PG) 2023 - Opportunities and Challenges".



Challenges concerning unappealing picture of Meghalaya's Garo Hills region was deliberated with a positive picture of manifold benefits as well as opportunities the CUET offers. Dr Tilok Thakuria, HOD, Department of History & Archaeology likewise interacted on the topic "Dream Job" and encouraged the students to be goal oriented and work hard to reach their goals amidst the reforms in the assessment techniques of the Indian education system.



## Training cum Planting Material Distribution Programme

Training cum planting material distribution programme for farmers was organized by Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya on Thursday 23<sup>rd</sup> March 2023 at village, Darechikgre, Block: Rongram, Meghalaya with several SHG's and many others to identify and motivate the traditional and non- traditional entrepreneurs and farmers who have the potential of setting up a small- micro enterprise. The programme was led by Dr. Arindam Barman, Project Coordinator, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya; Ms. Neha M. Sangma, Project Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya and Amy D. Shira, Project Activity Assistant, Biotech KISAN Hub, NEHU, Tura Campus, Meghalaya. Dr. Arindam Barman encouraged the farmers to focus on growing of suitable for the low cost polyhouse cultivation (tomato, capsicum, naga chilli etc) and to produce compost/vermicompost that would simultaneously increase the farmer's income throughout the year. Training for nursery raising and cultivation of naga chilli in low cost polyhouse and also in the open field was provided to the farmers.



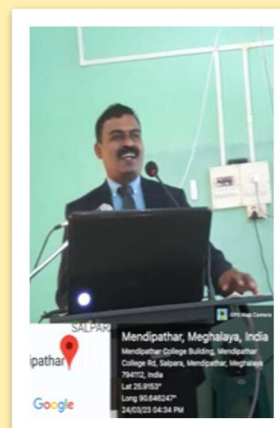
to the farmers. The farmers were elated and contented with the training programme and further seek for more training in the future. The objective behind this programme is to provide training that would boost their abilities at the same time equipped them with technological skills that help in the production and marketing process of agricultural products.

## One Day Workshop on National Education Policy -2020

As we know that, the new National Education Policy- 2020 (NEP) has a vision to reinstate India in the coveted position of world leader at global level. It provides an opportunity to the Educational Institutions especially those engaged in higher education programme to create a system that contributes directly to transforming the country into a global knowledge superpower. It aims for an inclusive and equitable Education System in our country.

The Policy has created a large canvas with futuristic vision. We, the teachers of NEHU and teacher friends from the constitute colleges, have a joint unique role to attain the vision by contributing our bit in accomplishment of the Principles of National Education Policy 2020.

As part of NEP, UGC has brought out several reforms for implementation to provide students with more flexibility, mobility, and freedom. One such platform is the ABC, which stores the academic credits earned by students from various recognized Higher Educational Institutions so that degrees can be awarded by considering the credits earned and stored in the ABC platform which had been part of the Seminar. Looking into various needs and the present demand for implementation of NEP at higher education Institution, the Department of Education, North-Eastern Hill University, Tura Campus, Tura in collabo-



# **Skill Development Program on Pickle Preparation at NEHU, Tura Campus**

BIRAC's BioNEST Biocubator (B3I) Facility at NEHU Tura Campus in collaboration with the Department of Rural Development and Agricultural Production (RDAP), conducted a hands-on training program on Pickle Preparation with sixteen rural entrepreneurs on 22nd March and 3<sup>rd</sup> April, 2023 at the BioNEST Incubation Suite & Horticulture Laboratory of Department of RDAP, NEHU, Tura Campus. The inaugural session of the training program was graced by the presence of Prof. Sujata Gurudev, Hon'ble Campus-in-Charge, NEHU, Tura Campus; Prof. D. C. Kalita, Department of RDAP and Dr Lolly S. Pereira, Associate Professor, Department of RDAP & resource person for the day. The proceedings began with a brief introduction from Ms Alva Margareth Kharkongor, Program Manager, B3I Facility and a welcome address by Dr Suman Kr. Nandy, Chief Executive Officer, B3I Facility, NEHU, Tura Campus. Dr Nandy continued to inform the participants about the handholding program of BioNEST and the unique facilities that could be availed by the entrepreneurs. This was followed by a pep talk from Prof. D. C. Kalita who mentioned the importance of cost analysis in marketing. Dr Lolly S. Pereira, Associate Professor, Dept of RDAP and the Resource Person for the program, lucidly briefed the gathering on the importance of the training, role of pickles as an appetiser in Indian households and sketched an outline of the pickle preparation journey to be conducted in two days. In the presidential address, Prof. Sujata Gurudev motivated the participants to utilise the opportunity created by the training and to start their own businesses and eventually expand it to different parts of the region. Further she underlined the strategic advantages native to the North-Eastern region and encouraged the entrepreneurs to be on their toes to grab them fully. Prof. Gurudev further informed the gathering about the proposed marketing portal of NEHU, Tura Campus, which will provide a platform for commercialising products from the Garo Hills. The inaugural function ended with a vote of thanks from Ms. Remi Dey, Technical Associate of B3I Facility, NEHU, Tura Campus.

Dr Pereira started the technical session with a thorough explanation of the procedure of pickle preparation, its prospects, quality control and legalities associated with marketing. In the next step, the participants were introduced to the ingredients required for mixed vegetable pickle and their role in taste enhancement and consistency of the pickle. Dr Pereira also informed precautionary measures to be adopted to avoid contamination and explained the preservation techniques to ensure prolonged shelf life of the prepared pickle without any chemical preservative. The participants had hands on experience of the whole procedure, starting from cleaning and trimming of vegetables, blanching, measuring and mixing of ingredients, till bottling. The day one of the program ended with an applause from the participants, with a promise to practice the craft at home and to meet again on April 3<sup>rd</sup>, 2023 for observing the cured pickle.



The proceedings of the second day began with briefings from Ms Remi Dey on FSSAI registration, its necessity, types of licenses, and mandatory labelling requirements. Ms Dey also navigated the participants through the FSSAI online registration process. Ms Alva Margareth Kharkongor carried forward the discussion on branding, packaging and marketing strategy. She reminded the participants that good packaging will attract the consumers but it's the consistency of the product quality that builds the brand's goodwill.

Further Dr L.S. Pereira carried on with the final step of the mixed vegetable pickle preparation by adding the remaining amount of oil to the cured pickle. She explained the importance of this final step of oil addition in the longevity of the pickle and stressed that the oil should always stand above the pieces. The participants then tasted the prepared mixed vegetable pickle and observed how the taste and smell differed after curing for 10 days in sunlight, compared to the 1<sup>st</sup> day of preparation. This was followed by a thorough explanation of the cost analysis of the prepared pickle by Dr L.S. Pereira. She further elaborated on few other pickle recipes. The program was concluded by the valedictory session with a healthy exchange of mutual appreciation among participants, organisers and resource persons. The session ended with a vote of thanks from Mr. Shanbor Sayoo, Technical Associate of B3I Facility, NEHU, Tura Campus with a pledge to meet again with some recipes of jam, juice, squash, other fruit beverages and tomato products like sauce, puree, paste etc. from organic produce of Garo Hills.



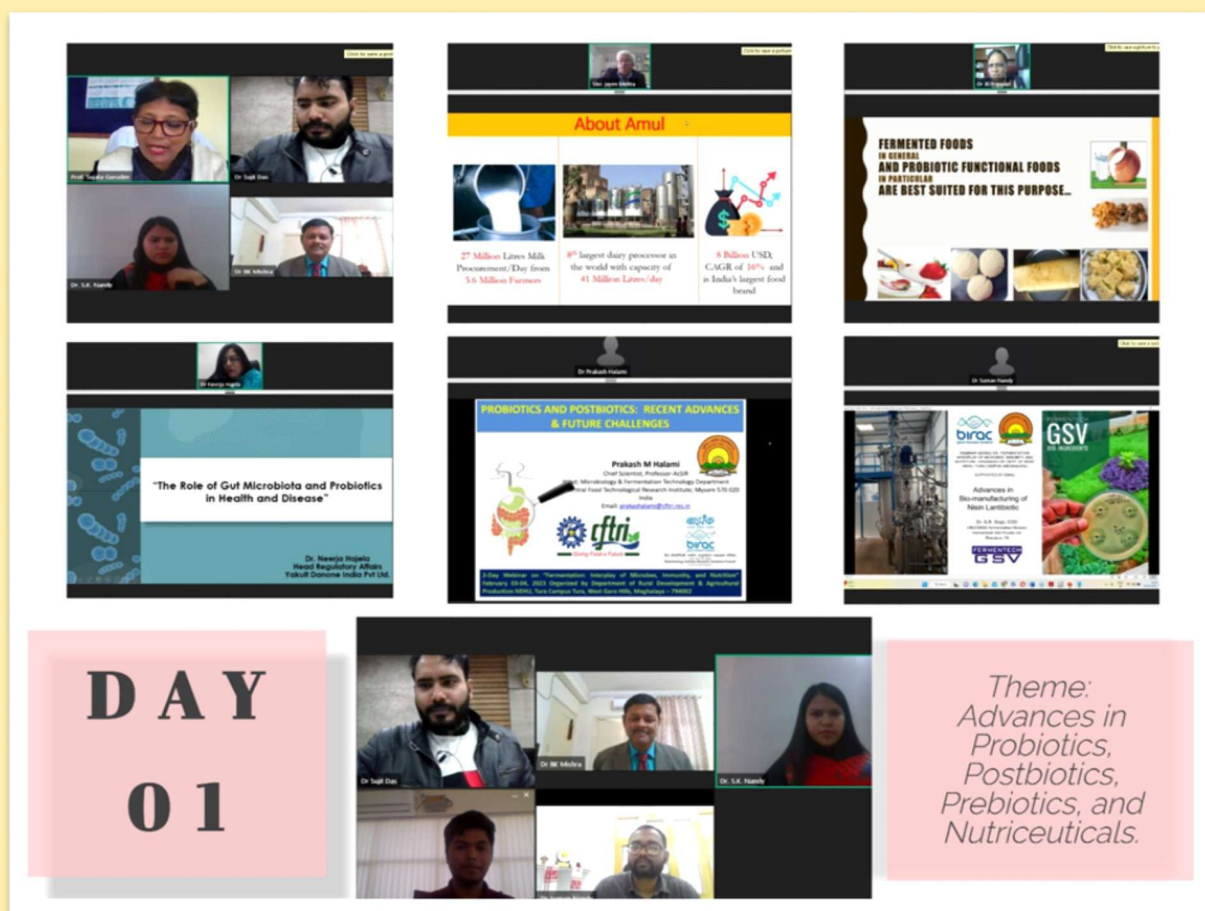
## NEHU-BIRAC Webinar on “Fermentation: Interplay of Microbes, Immunity and Health”

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 03<sup>rd</sup>-04<sup>th</sup>, 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

Tura Campus. This was followed by a vivid and lucid portrayal of recent activities and achievements of NEHU, Tura Campus, 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 Danone India Pvt. Ltd explained the significance and 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 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.

The second day of the webinar was centred on innovations in fermented foods and regulatory compliances. *Ms. Alva Margareth Kharkongor*, Program Manager, BioNEST Facility, NEHU, Tura campus began the proceedings with a note on the need for innovation in the fermentation industry for a wider reach while maintaining a balance with the food safety standards. The day started with a briefing from *Dr. Shilpi Gupta*, Chief Manager-Technical, BIRAC, on the role of BIRAC in fostering public-private partnerships for innovative product/technology development, through targeted funding schemes, mentorship and incubation program that handholds Start-ups and innovators throughout, right from ideation to commercialization. This was fol-





a talk from *Dr. B. Sesikeran*, Former Director, ICMR - National Institute of Nutrition, Hyderabad, Telanganadetailing the process ofevaluating the safety and efficacy of bioactive ingredients in fermented foods & beveragesin a journey to createfunctional food.In the next session, *Dr. Navneet Singh Deora*, Chief Technical Officer, Blue Tribe, a pioneer in plant-based meat shared his insights aboutinnovations in fermented foods, our misconceptions about processed foods and the necessity of plant-based alternatives to meat to reduce the carbon footprint and to control the climatic catastrophe we all are riding upon. *Dr. Rubina Mandlik*, Research Officer, Hirabai Cowasji Jehangir Medical Research Institute, Pune, Maharashtra discoursed about regulatory and safety guidelines endorsed in India for manufacturing fermented foods such as milk-, soya-, meat -based products, fermented fruits and vegetablesand beverages, etc. *Dr. Mandlik* also navigated through the FSSAI registration procedure required for obtaining the licensing for food businesses in detail. This was followed by a brief session by *Dr. Suman Kr Nandy*, CEO, BioNEST Facility, NEHU, Tura Campus, outlining the bio-resources in NER and the role of BioNEST in promoting bio-entrepreneurship and innovation in the region through proper utilisation of the resources. Finally, the webinar met its conclusion with a summary of the daylong brainstorming sessions and a vote of thanks proposed by *Ms. Barsha Saikia*, Research Scholar, Department of RDAP, NEHU Tura campus. The organisers thanked the innovators, entrepreneurs, startups, MSMEs, industry people, faculties, scientists, post-doctoral fellows, scholars, students, and enthusiasts across the country for making the webinar a success through their patient yet highly interactive presence and their interest in fermentation. Be fermented, Be Functional.

# In collaboration with IQAC, Loyola College, Williamnagar the College Welfare & Advisory Committee (CWAC), NEHU, Tura campus conducted a workshop on CUET (PG) 2023 on 17<sup>th</sup> April, 2023

In collaboration with the Internal Quality Assurance Cell (IQAC), of Loyola College, the College Welfare and Advisory Committee (CWAC), North-Eastern Hill University, Tura Campus organized a workshop on “Approaches to Quality Enhancement: Strategies for Success at CUET” to prepare students for CUET (PG) 2023.



While welcoming the resource persons, Dr. Sunny Augustine S.J, Principal of the College, addressed the resource persons as friends of Loyola College and the workshop is a commitment of the College in preparing the students for higher learning. The resource persons Dr. Binu Mathew, Associate Professor of Department of Rural Development and Agricultural Products (RDAP)

& Chairman of College Welfare and Advisory Committee, NEHU, Tura campus and Prof. Nikme Ch. Momin, Department of Education, NEHU, Tura Campus, provided the necessary information to apply and prepare for CUET (PG) 2023.

Dr. Binu Mathew, speaking on the topic, ‘CUET (PG) 2023, Opportunity, Challenges and the Way Forward’ pointed out that CUET is a step towards greater equity and equality towards educational standard and opportunities.

Prof. Nikme Ch. Momin spoke on ‘Learning Outcome Based Education’ stressed the importance of performing well in CUET to take students to their next stage of learning. The question answer hour was a quality time of interaction for students to clarify their doubts on the process of application and the necessary guidance to prepare CUET.



# College Welfare & Advisory Committee (CWAC), NEHU, Tura campus conducted a workshop on CUET (PG) 2023 in collaboration with IQAC, Don Bosco College, Tura

The College Welfare and Advisory Committee (CWAC), North-Eastern Hill University (NEHU), Tura Campus organised a One-Day workshop for its 6th Semester Commerce and Science students on “Building a Culture of Excellence: Strategies for Success at CUET” in collaboration with the Internal Quality Assurance Cell (IQAC) of Don Bosco College, Tura on 4th April 2023.

Fr. Bivan Rodrigues Mukhim, Principal- Don Bosco College Tura welcomed the Resource Persons and Dr. Barbara S. Sangma, IQAC Coordinator gave the introductory address. Dr. Binu Mathew, Associate Professor, Dept of Rural Development and Agricultural Products (RDAP) & Chairman, CWAC, NEHU Tura Campus took the first session on “CUET (PG) 2023- Opportunity, Challenges and a Way Forward’ and gave a comprehensive lecture on all the logistics of CUET. He emphasized that CUET is more an opportunity and encouraged the students to get themselves enrolled for it without delay.

Prof. Nikme Ch. Momin, Dept of Education, NEHU, Tura Campus, took the afternoon session on ‘Learning Outcome Based Education’ (LOBE) and spoke on the National Educational Policy (NEP) 2023, Continuous Assessment and showed how CUET is an assessment of individual student’s learning.

Both the Professors strongly advocated CUET and encouraged students to do better and seize on the opportunities presented to them.

The vote of thanks was proposed by CUET Nodal Officer, Dr. Colnat B. Marak.



# College Welfare & Advisory Committee (CWAC), NEHU, Tura campus rendered its expertise in the 3 day workshop on CUET (UG) 2023 organised by Don Bosco College (Higher Secondary Section), Tura

The workshop on CUET and importance of parenting organized for CUET students and parents by the Don Bosco College Higher Secondary Section Tura in collaboration with the NEHU, Tura Campus concluded on 11<sup>th</sup> January 2023 in Tura. The three-day programme was organized from January 9.



Resource persons during the workshop included Dr. Binu Mathew, Chairman for College Welfare and Advisory Committee, NEHU, Tura Campus and Sr. Marcelina S. Sangma FMA, head of Auxilium Convent and Auxilium Secondary School Tura. The workshop was participated by 400 parents and 650 students.

While Dr. B. Mathew dealt on the topics such as importance and relevance of CUET, mode of registration, examination and its question pattern, the process of filling up the form, syllabus and other CUET related issues, Sr. Marcelina stressed on the challenges of parenting and related issues in today's context such as accompaniment, time management, uplifting presence among their children.



