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International Conference on

Advances in Food Science and Technology (AFSTECH-2021)

A Part of CONIAPS-XXVII

Organized by

North-Eastern Hill University, Tura Campus, Meghalaya, India

in Association with

Swedish South Asian Network on Fermented Foods (SASNET-FF), Anand, Gujarat, India

International Academy of Physical Sciences, Prayagraj, India

October 26-28, 2021 & Time: 2.00 to 6.00 pm (IST)

Themes :

1. Chemistry and Physics of Food and Food Products
2. Probiotics, Fermented Foods and Nutraceuticals
3. Recent Trends in Food Engineering- Bio-technology, Rheology, Processing & Instrumentation
4. Physicochemical Methods of Food Preservation and Storage- Indigenous and Modern Methods
5. Hygiene and Sanitation in Food Processing
6. Post-harvest Physiology and Handling of Fruits and Vegetables including Packaging of Fresh and Processed Fruits
7. Agro- and Food Business Management, Start-ups and Entrepreneurship
8. Legislation and Quality Control of Food and Fruit Products

Guidelines for Paper Submission:

For Abstracts:

- Only registered delegates will present the Poster/Young Scientist Awards
- The limit of abstract should be 250 words (excluding keywords and the author's biography)
- Please send your abstract using MS Word format, Times New Roman font, 12 font size
- Please use British English
- Your abstract should incorporate the background, research objective, methodology, salient findings and conclusions.
- Please send a biography photograph of author/authors
- Please email it to: afstech21@gmail.com
- Best three posters Awards and three young Scientists Awards will be conferred.

For Full Papers:

- The limit of your paper should be 5000-8000 words
- Please use British English
- Please send your paper using MS Word format, Times New Roman font, 12 font size, 1.5 line spacing
- Please send author/co-author's biography indicating affiliation, designation and contact details
- Please check grammar, punctuation and spelling before submitting your paper
- Please email your paper: afstech21@gmail.com
- Contributors can also propose a Special Panel Session comprising multiple (3-4) papers.
- Selected papers shall be published in UGC Care list journals. Remaining papers will be published in edited book with ISBN.

Registration Fee:

Registration is mandatory for all applicant and participant.

They need to pay a registration fee of Rs. 200.00 on or before October 25, 2021.

Bank Details for Payment:

Name : Head Department of Management
Name of Bank: State Bank of India
Branch: PO Chandmari, Garo Hills, Meghalaya (Tura)

A/c No. 30350897574

IFSC Code: SBIN0007332

Registration Link:

<https://forms.gle/kveumpYdWnb3gzL97>

Important Dates:

Deadline for Abstract Submission
(Poster/Young Scientist):

September 30, 2021

Acceptance of Abstracts:

October 6, 2021

Last Date for Registration:

October 25, 2021

Last Date of Full Paper Submission:

October 15, 2021

e-Certificate will be provided to registered delegates.

Organizing Secretaries:



Dr. B.K. Mishra
Department of Rural Development
and Agricultural Production,
NEHU Tura Campus, Meghalaya



Dr. Deepak Bhagat
Department of Management
NEHU Tura Campus
Meghalaya



Dr. Subrota Hati
Dairy Microbiology Department
SMC College of Dairy Science
Anand, Gujarat

Chief Patron



Prof. Prabha Shankar Shukla,
Vice-Chancellor,
North -Eastern Hill University
Meghalaya, India

Patron



Prof. G. Singaiah
Campus In-Charge,
North Eastern Hill University, Tura Campus,
Meghalaya, India

Chief Guest



Prof. Rama Shanker Dubey,
Vice Chancellor,
Central University of Gujarat, India

Guest of Honour



Prof. JB Prajapati
Chairman, VKCoE, IRMA, Anand &
Coordinator SASNET-FF, Anand, Gujarat, India

Renowned Speakers



Prof. Debasis Bagchi
Texas Southern University
USA



Prof. Rakesh K. Singh
University of Georgia,
Athens



Prof. Richard Ipsen
University of Copenhagen
Denmark



Prof. Baboo M. Nair
Lund University
Sweden



Prof. JP Tamang
Sikkim University
Sikkim, India



Prof. AH Jana
Kamdhenu University
India



Prof. PN Pandey
General Secretary
IAPS



Dr. Shilpa Vij
National Dairy Research Institute
India



Dr. Kaustav Majumder
University of Nebraska-Lincoln
USA



Dr. Arup Nag
Massey University
New Zealand



Prof. Mrutyunjay Suar
KIIT
India



Dr. Prakash Halami
Central Food Technological
Research Institute, India



Prof. S. N. Upadhyay
Former Director
IIT, BHU, India



Prof. Brijesh Singh
GBPUAT
India



Dr. Zhenbin Liu
Shaanxi University of Science
and Technology, China



Dr. Denyse Mukandoli
University of Lay Adventists of Kigali
Rwanda



Dr. Rishiraj Dutta
Asian Disaster Preparedness
Center, Thailand

About NEHU

The North-Eastern Hill University is a premier academic institution and the oldest central university in the North-Eastern region. The North-Eastern Hill University Act (24 of 1973) passed by both Houses of Parliament received the assent of the President of India on May 26th, 1973. It was published in the Gazette of India (Extraordinary) on May 26th, 1973 together with the First Schedule of the Act incorporating the Statutes of the University. Over the years NEHU has established itself as an institution of higher learning and research of very high quality. It has been able to attract persons of proven academic excellence from almost all parts of the country to serve in its faculty; and its student community is drawn not only from the different parts of North-East but also from other parts of the country. In February 1996, the University set up a campus at Tura with the Departments of English, Garo and Education. Department of Rural Development and Agricultural Production and Department of Management started in the year 2002 and 2006 respectively. Very recently Department of Agri-Business Management & Food Technology, Department of Computer Applications, Department of History & Archaeology and Department of Horticulture have been added to the existing five departments at Tura Campus. The fulfilment of its "global" responsibilities, as a member of the global academic community, is evident from the number of research publications by its teachers in journals of high international repute and the national and international seminars and conferences which are a regular feature of the University's academic life. Our students have done well in life after leaving the University. Many have been taken into the Central Civil Services, Banking Services and into the University System. Several have been awarded scholarships and fellowships by both national and foreign organisations. The percentage of our students clearing the NET, GATE and other national tests is quite high. In a short span NEHU has matured into an institution with a serious academic and social and cultural agenda and a clear vision for its future growth.

SASNET-FF - Swedish South Asian Network for Fermented Foods

SASNET-FF - Swedish South Asian Network for Fermented Foods was established in November 2003 and is registered as a scientific society in India. It is an association of researchers, professionals, academicians, food industry personnel and all those who are interested in research, development and promotion of fermented foods especially for public health and social well-being. At the present the network has about 350 members. Initially support, advice and encouragement from late Dr. V. Kurien and Dr M S Swaminathan, were of great importance for the development of the network. At present Dr A.K. Srivastava, Ex-Vice Chancellor and Director, National Dairy Research Institute, Karnal and Prof. M C Varshneya, Ex-Vice Chancellor, Anand Agricultural University, Anand are in the Advisory Committee. The objectives of the network are: to develop a forum for scientists for exchanging information in the field of food fermentation; to promote collaborative research programmes among scientists of Europe and South Asian countries and also to collaborate with food industries in product development and marketing of fermented foods. The network has coordinated two EU sponsored projects on fermented foods and conducted strategic meetings and workshops for Directors and policy makers of R & D institutions, Managing Directors of dairy and foods industries as well as Journalists of the press and media and Social workers to spread the scientific information about the place of fermented foods in the daily diet of the people. Till now the network have organized eight international conferences, five regional conferences and several strategic meetings. It has actively facilitated joint educational and research programs between Lund University and AAU through exchange of students and collaborative research projects. SASNET Fermented Foods is also active in the field of knowledge management and the seventh volume of the International Journal of Fermented Foods was published by the network this year.

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International Academy of Physical Sciences (IAPS)

IAPS was a dream of a group of scientists working in different fields of physical sciences. In view of the growth of scientific-technological knowledge and the experiences of its application for the betterment of human society; they realized that it would be increasingly difficult to draw a dividing line to sharply differentiate between the various branches of Physical Sciences. Keeping this fact in view they decided to form a common platform for interactive discussions and interdisciplinary approaches among the scientists involved in the pursuit of knowledge in different subjects. International Academy of Physical Sciences was founded with its headquarters at Allahabad on December 4, 1994, to meet the above goals and objectives. This culminated into a foundation conference in which several scientists from different streams deliberated on interdisciplinary approaches towards conflict resolution for world problems. The Academy is conceived as a scientific body incorporating various branches of Physical, Mathematical, and Earth Sciences such as Physics, Chemistry, Mathematics, Statistics, Geology, Geophysics and Geography, Computer Science, Informatics, Biochemistry, Biophysics, etc. The IAPS is a scientific organization of recent origin but it has already made its mark by involving in it through membership, fellowship, and activities, a large number of scientists of India and abroad, and its publications are helping in the expansion of scientific knowledge.

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