



# AMIFOST 2024

Global food systems have changed during the past 50 years, moving from primarily rural to industrialized and consolidated systems. This change has had an influence on livelihoods, diets, nutrition and health, and environmental sustainability. Over the past few decades, the food sector has experienced a number of changes that have affected the climate and the environment. Ensuring equitable access to food security and nutritious meals for the global population is the paramount objective shared by all governments. In order to make this feasible, we must create new technologies for value creation, minimize waste, and utilize novel food components in the design of healthy food production systems. These advancements have led to the creation of novel foods, which are crucial in ensuring that everyone has access to sustainable and healthy food.

India has made economic gains over the past 20 years, yet issues with hunger, food insecurity, and regional inequality still exist. A future public health emergency is foreshadowed by trends in overweight and obesity as well as nutritional deficiencies. Using a "Food Systems Approach (FSA)" as a lens, we investigate the mutually reinforcing relationships between nutrition

and food production. We examine numerous obstacles and prospects to get a future secure in terms of nutrition. In order to address challenges and set up an interconnected system for health, nutrition, and economic development, this conference will compile the most recent data on the development processes in the food sector. It will also highlight the nature of the challenges facing the food system, identify trends and threats to progress, and emphasize the need for institutional and policy interventions.

The conference's mainly focuses on how food systems must change in order to accomplish the Sustainable Development Goals (SDGs) and address a number of deeply ingrained and interconnected challenges, including hunger, malnutrition, health, inequality, rising living expenses, climate change, biodiversity, war, and energy. The food sector needs innovative concepts in the areas of nutrition, sustainable food production, and food processing to fulfill this challenge. Amity Institute of Food Technology announces AMIFOST-2024 on "Recent Advances and Future Prospects in formatting a Healthier Food System" on March 19–20, 2024, in light of the topic's significance



## OBJECTIVES OF THE CONFERENCE:

To discuss the solutions for food safety, security and healthy diets
To explore innovations in technology for novel foods
To discuss strategies in food production & processing to meet food security
To promote the research and developments in Healthier Food Systems

Visit Website: <https://amity.edu/aift/AMIFOST2024/>

The conference will focus on most recent challenges, and the newest updates on the following themes:

Theme 1:	Novel foods and novel food ingredients
Theme 2:	Valorization of food by-products
Theme 3:	Food for health and well being
Theme 4:	Next generation foods
Theme 5:	Millet- magical sustainable crops
Theme 6:	Food regulation and policies
Theme 7:	Food Safety
Theme 8:	Sustainable food production
Theme 9:	Food in Conflict zone & Emergencies
Theme 10:	Exploiting new interfaces in Food Science & Nutrition
Theme 11:	Biodiversity in Foods

## "HEALTHIER FOOD SYSTEM: UNRAVELLING RECENT ADVANCES & FUTURE PROSPECTS."

The purpose of the International Conference on "Recent Advances and Future Prospects in formatting a Healthier food system" is to provide a platform for researchers, scientists, food technologists, together and discuss the latest advancements and research findings in the field of food science and Technology, nutrition, health, and lifestyle. The conference aims to promote collaboration and exchange of knowledge between participants from diverse backgrounds and regions, with the goal of advancing the understanding

of the complex interrelationships between the recent advances and future prospects in healthier food systems. By facilitating dialogue and sharing of best practices, the conference aims to contribute to the development of research projects, programs, and interventions that can help address the global challenges related to Food Safety, Food Security, Hidden Hunger, Nutri-cereals, Sustainable Food Production, and other New interfaces.



## CALL FOR ABSTRACT SUBMISSION

Researchers, scientists, policy makers, academicians, and students are invited to submit a 250- word abstract on any of the conference themes or related areas to amifost@amity.edu by 15th February 2024. A committee will review the abstract and the selected abstracts will be published in the conference proceedings with ISBN No.

## FEATURED PEER-REVIEWED JOURNALS

As a conference participant, there is an opportunity to submit comprehensive manuscripts to internationally accredited, peer-reviewed, SCOPUS indexed journals & SCOPUS indexed Book chapters associated with conference. The manuscripts meeting established scholarly standards will be considered for publication.

## AWARDS

In each track, one award will be given to Best Oral Presentation and Best Poster Presentation. In addition, there shall be one award for overall Best Oral and Best Poster Presentation.

## REGISTRATION FEE

1. International Research Scholar & Students	USD 50
2. International Academicians/Scientists	USD 100
3. Industry Professionals	Rs. 2000/-
4. Academicians/Scientists	Rs. 1500/-
5. External Research Scholar & Students (with paper presentation)	Rs. 1000/-
6. Amity University Research Scholar & Students (with paper presentation)	Rs. 700/-
7. External Research Scholar & Students (without paper presentation)	Rs. 500/-
8. Amity Research Scholar & Students (without paper presentation)	Rs. 300/-

The research scholars and students are required to produce a valid certification from Principal Investigator / valid identity card of the institute while receiving conference kit. The filled registration form along with the proof of payment of registration fee/demand draft should be sent to amifost@amity.edu by 10th February 2024.

The online registration link is: <https://amity.edu/nspg/AMIFOST2024>

## IMPORTANT DATES

Registration	20/02/2024
Abstract Submission	20/02/2024
Full Length Paper	15/04/2024

## SPONSORSHIP OPPORTUNITIES

We are proposing a three-level sponsorship scheme for this conference, with the following key privileges provided as per the sponsorship category opted.

Gold Sponsorship (Rs. 2,00,000)	Silver Sponsorship (Rs. 1,00,000)	Bronze Sponsorship (Rs. 50,000)
Complimentary registration of 6 delegates	Complimentary registration of 4 delegates	Complimentary registration of 2 delegates
Full page colored advertisement in souvenir/proceedings	Full page Colored advertisement in souvenir/proceedings	Full page Colored advertisement in souvenir/proceedings
Two free stall in Exhibition arena	One stall in Exhibition arena	Logo in Inaugural session
Company Logo on main Backdrop and Conference proceedings	Company Logo on main Backdrop and Conference proceedings	One Company standees in the Conference Venue
Company 3 standees in the Conference Venue	One Company standees in the Conference Venue	

## MODE OF PAYMENT

Online payments are welcome and you are requested to pay online. In case you are not able to complete the transaction process online, the payment can be made through Bank Transfer/Bank Demand Draft drawn in favour of "Amity University Uttar Pradesh" payable at Noida. The Bank detail for wire transfer is as under:

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## ABOUT AMITY UNIVERSITY UTTAR PRADESH, NOIDA

Amity University Uttar Pradesh (AUUP) is one of the leading private universities of India founded by Dr. Ashok K Chauhan. The mission of AUUP is To provide education at all levels in all disciplines of modern times and in the futuristic and emerging frontier areas of knowledge, learning and research and to develop the overall personality of students by making them not only excellent professionals but also good individuals, with understanding and regard for human values, pride in their heritage and culture, a sense of right and wrong and yearning for perfection and imbibe attributes of courage of conviction and action. Amity University is accredited by reputed national and international bodies at university and program level such as the Western Association of Schools and Colleges (WSCUC), USA and the Quality Assurance Agency for Higher Education (QAA), UK and National Assessment and Accreditation Council (NAAC), India. Amity University is ranked among the top universities in India by several prestigious ranking bodies, including the National Institutional Ranking Framework (NIRF) and the Times Higher Education and QS World University Rankings.

## ABOUT AMITY INSTITUTE OF FOOD TECHNOLOGY, AMITY UNIVERSITY UTTAR PRADESH, NOIDA

With our Founder President's unparalleled vision and dynamic leadership of Dr. Ashok K. Chauhan, Amity Institute of Food Technology (AIFT) was established under the aegis of Amity University Uttar Pradesh, Noida in 2006. As a mission, AIFT has been functioning as a model educational & Research institution and creating valuable human resource in the Food Science, Technology and Nutrition Domain for the last 17 years.

AIFT offers three Under-graduate programmes – B. Tech. (Food Technology), B.Tech. (Food Technology) – International, B. Sc. (H) (Nutrition & Dietetics); two Post-graduate programmes – M. Tech. (Food Technology) and M.Sc. (Foods & Nutrition) and two Doctoral programmes – Ph.D. (Food Technology) & Ph.D. (Foods & Nutrition). It has also successfully built Academia-Industry linkages to facilitate easy access for students for their Trainings and Placements. Institute is also taking a big leap in discovering, developing and designing next generation food and nutrition concepts which would eventually meet the needs of Industry and people to overcome malnutrition, optimal conservation and utilization of nation's food resources. The Institute has several thematic research clusters as: functional foods & nutraceuticals, biofilms, underutilized foods, valorizations, food equipment designing, meat analogues, food safety & sustainability. The department collaborates with many national and international organizations to generate cutting-edge technologies for sustainable food systems.

## KNOWLEDGE PARTNER:



National Sugar Institute,  
Uttar Pradesh, Kanpur

It was the Indian Sugar Committee constituted by Government of India in 1920 that first recommended the establishment of an All India Institute for research in Sugar Technology. The need for a Central Sugar Research Institute was also emphasized by the Royal Commission on Agriculture in 1928 and Tariff Board in 1930. The Government of India accordingly after having taken over the Sugar Section of Harcourt Butler Technological Institute (HBTI), Kanpur established Imperial Institute of Sugar Technology in October, 1936. After India attained Independence, the name of Institute was changed to Indian Institute of Sugar Technology (IIST). With effect from 1st Jan, 1954 administrative control of the Institute was handed over to the Government of India under the then Ministry of Food and Agriculture. In April, 1957 the name of Institute was again. Changed to National Sugar Institute (NSI). The institute shifted to its present premises situated in Kalyanpur in 1963. The main functions of the Institute are to provide technical education, research, technical consultancy pertaining to Sugar and Allied Industries preparation of Sugar standards for quality control. In addition to the Institute Provides research guidance/facilities to the scholars leading to Ph.D. degree in applied chemistry awarded by various universities.

85 acre Amity University Campus, Noida (New Delhi NCR)



## ADDRESS FOR CORRESPONDENCE

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