About the program

The objective of AICTE's Training and Learning (ATAL) is to impart quality training through Faculty Development Programmes (FDPs) for Postgraduate students, Research scholars and Faculty members so that they have a sound domain knowledge and associated skills set to apply in real life with industry connect.

Despite relatively low awareness of the Sustainable Development Goals (SDGs) among the general population, many consumers are increasingly interested in sustainable and ethically sourced food and drink products, and manufacturers are catering to the demand. The food system is composed of sub-systems and interacts with other key systems. Therefore, a structural change in the food system might originate from a change in another system; for example, a policy promoting more biofuel in the energy system will have a significant impact on the food system. A sustainable food system (SFS) is a food system that delivers food security and nutrition for all in such a way that the economic, social and environmental bases to generate food security and nutrition for future generations are not compromised. With this idea only this program on Sustainability in the Food Industry: Fundamentals, Evolving Needs and The Future was designed with the following key topics:

01 Sustainable Development Goals, Climate Change and Circular Economy

02 Food and Emerging Trends in the Food Industry: Focus on Food and Nutritional Security

03 Sustainable, Clean and Green Production: Innovations in Food Processing Technologies

04 Water Usage and Resource Management

05 Energy, Reliance on Renewable Resources, and Carbon Footprint

06 Waste Management, Food Waste Valorization and Life Cycle Assessment

07 Advancements in Food Packaging: Clean, Green Labels and Alternatives to Single-use Plastics

08 Food Safety, Authentication and Traceability for effective management of resources

09 Supply Chain Management and ICT Applications

10 Life Skills: Time and Stress Management, and Work-life Balance

Deadline for Application: 01.11.2023
intimation to selected candidates: 06.11.2023

About the Organizing Institute

The National Institute of Food Technology, Entrepreneurship and Management, Thanjavur (NIFTEM-T) is an Institute of National Importance under the Ministry of Food Processing Industries, Government of India. NIFTEM-T, with its modern laboratories equipped with hi-tech instruments, is engaged in the R&D of food grain processing, value addition, by-product utilization through bioprocessing, process and product development. The Institute offers academic programmes in Food Technology, Food Safety and Quality Testing, Incubation Services and Outreach activities.

FPBIC @ NIFTEM-T

Food Processing Business Incubation Centre at NIFTEM-T is set up with the objectives of is encouraging new entrepreneurs to participate in the business of food processing and value addition through hands-on training, incubation facilities for market testing their products and clientele to establish new and innovative food processing businesses.

CMNSPU @ NIFTEM-T

Computational Modeling and Nanoscale Processing Unit focuses on the application of nanotechnology and computational fluid dynamics in various agri-food processing applications. The overall objective is to develop strategies for improved delivery of nutrients and employ novel approaches focusing on sustainable food processing.

Eligibility

Assistant Professors / Associate Professor / Ph.D. scholars / PG students.

Max Limit- 50 participants from the Higher Education Institutions / Industries.

Registration

Registration has to be done only through
https://atalacademy.aicte-india.org
(Registration is free)

Selection

Selection will be as per norms

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AICTE Training And Learning (ATAL) Academy Faculty Development Program (Offline)

On

Sustainability in the Food Industry: Fundamentals, Evolving Needs and the Future

20th-25th November 2023

Organized jointly by

Food Processing Business Incubation Centre & Computational Modeling and Nanoscale Processing Unit

National Institute of Food Technology, Entrepreneurship and Management, Thanjavur (NIFTEM-T)
An Institute of National Importance
(under Ministry of Food Processing Industries, GoI)
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