Department of Food Process Engineering

The Food Process Engineering Department at the National Institute of Technology Rourkela blends engineering disciplines with a strong understanding of food and food science. The vision of the department is to become an internationally acclaimed department of higher learning in the field of Food Process Engineering that will serve as a source of knowledge and expertise for the food processing industries and be a preferred destination for undergraduate and graduate studies. The Department offers academic programs such as B.Tech, M.Tech, and Ph.D. in Food Process Engineering

The academic and research activities in the department focus on the frontier areas of food process engineering such as food properties and prediction, post-harvest operations, food quality and safety, transport process and kinetics, product development and ingredients innovation, food packaging and storage engineering, computer-aided food engineering, energy efficiency, process control and efficiency, automation, and manufacturing systems. Food process engineers can specialize in design, development, research, maintenance, and operations such as processing, packaging, storage, and transportation.

About the Institute

- The erstwhile Regional Engineering College (REC) Rourkela was converted into a deemed university and renamed as National Institute of Technology, Rourkela on 26th June 2002.
- It was declared as An Institution of National Importance through the parliament act on 15th August 2007.
- The institute has made a rapid stride in earning a reputation as a place of higher learning in the field of engineering and technology during the last decade.
- The institute strives hard to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for society and be a preferred destination for undergraduate and post graduate students along with advanced research.

NITR Rankings - 2023

16	8	29	37
NIRF Engg.	NIRF Arch.	NIRF Research	NIRF Overall

Azadi Ka Amrit Mahotsav

NIT ROURKELA DIAMOND JUBILEE

G20 भारत 2023 INDIA

National Institute of Technology Rourkela

KARYASHALA
High-End Workshop
on

Breaking New Ground in Sustainable Foods: Advanced Techniques for Analysing Next-Generation Plant, Animal, and Marine-based Foods

8th- 12th January, 2024

Organized by

Department of Food Process Engineering
National Institute of Technology Rourkela,
Odisha, India – 769008

Sponsored by

Science & Engineering Research Board (SERB), Government of India
under the Accelerate Vigyan Scheme

ACCELERATE vigyan

SERB INDIA

About the Workshop

The world's population is expected to reach 9.7 billion by 2050, putting a strain on our planet's resources. One way to meet this challenge is to develop more sustainable food production systems. Exploring and learning more about the latest advances in analytical techniques for assessing the sustainability of next-generation plant, animal, and marine-based foods is, therefore, need of the hour.

Our goal is to provide participants with a comprehensive understanding of the latest techniques for analyzing sustainable foods and to foster collaboration and discussion among participants from academia, industry, and government agencies. We hope that this workshop will inspire new ideas and innovations for sustainable food production and contribute to the development of a more sustainable and equitable food system. Participants will also have access to cutting-edge research tools and resources to aid their own research and development efforts. The workshop is expected to attract a diverse group of participants, including researchers, students, policymakers, and industry leaders, all with a shared interest in advancing the field of sustainable food production.

Key speakers

Academicians from premier institutions like IITs, NITs, State/Centrally Funded Universities, and foreign universities, having expertise and experience in relevant domain knowledge, are to be invited as Resource Persons for this workshop.

Target audience

UG/PG/Ph.D. students and faculty members of colleges and universities are eligible for the program

Guidelines

- Applications are invited from undergraduate (4th year), postgraduate, and Ph.D. students, as well as faculty members.
- Applicants should be able to present a “No Objection Certificate” from their Supervisor or Head of the Department, affirming that the institute/department has no objections to the selection and training of the applicant.
- Only 25 candidates will be selected to participate in the workshop.
- The selection process will prioritize applicants on a "first-come, first-served" basis and may consider other criteria determined by the committee.
- No registration fee is applicable, and boarding and lodging will be provided.

Registration:

Click here / Scan to register

Last Date: 15-12-2023

Contact:

Tel: +91-661-246-2913 / 2912

Email: events.fpe.nitrkl@gmail.com

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