

A GIAN course on :

Microwave Heating and Processing of Foods

Brochure link :

https://portal.iitb.ac.in/ceqipapp/courseDetails.jsp?c_id=1823

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Overview

Processed foods are increasingly being accepted in the Indian society and an increasing number of ready-to-eat (RTE) food products are being introduced into the Indian market. Simultaneously, the sales of microwave ovens are also increasing. For successful development of food products for microwave oven, one needs to understand the interaction between microwaves, food materials packaging used and the related heat and mass transfer. Microwave heating also has several unique applications within food manufacturing.

The course aims to give relevant exposure in both theoretical and practical aspects of Microwave Heating and Processing of Foods to multiple stakeholders such as students, food scientists/engineers, food technologists, and those working within the food industry.

Dates	13 th -17 th May, 2019
Modules	<ul style="list-style-type: none"> • Theory of microwave heating • Heat and mass transfer during microwave Heating • Microwavable food product development • Microwaveable package development • Industrial food processing using microwaves <p>Number of participants for the course will be limited to thirty five (35).</p>

You should attend if you are...

- Scientists, Food product developers and Engineers from food manufacturing, food packaging sector, and government organisations including R&D laboratories
- Students, research scientists, and faculty from academic institutions
- Consultants for agro-processing industries or government organizations with a primary responsibility of assessing food safety, food control, and food processing methods
- NGOs working in food processing, value addition to food crops, and nutrition

Fees

The participation fees for taking the course is as follows:

- Participants from abroad : INR 56,800/-
- Industry: INR 23,600/-
- Academic Institutes/Government and Research Organisations: INR 12,500/-
- NGOs: INR 10,000/-
- Students: INR 5,000/-

The above fees include all course materials, working lunches, and tea/coffee during session breaks.

The participants will be provided with accommodation on payment basis subject to availability.

The Faculty



Prof. R. C. Anantheswaran is a faculty of Food Science and Director of Education by Non-Traditional Technologies at Penn State University. His research interests includes Microwave processing of foods, Dielectric properties of food materials, and Ingredient interactions during microwave heating of foods



Prof. Narendra Shah is a faculty of Centre for Technology Alternatives for Rural Areas (CTARA) at Indian Institute of Technology Bombay (IITB). His research interests includes Food Process Engineering, Small Scale Bio-Energy Applications, Agro-based Industrial Development, and Nutrition Delivery for malnourished children



Prof. Parag Sutar is a faculty of Food Process Engineering at National Institute of Technology, Rourkela. His research interests are Microwave Drying and Dehydration, Microwave Processing of Foods, and Food Sterilisation



Prof. Girish Kumar is a faculty of Electrical Engineering at Indian Institute of Technology, Bombay. His research interests are Microwave industrial applications such as, moisture content measurement, and microwave heating for food and pharmaceutical applications

GIAN Short Term Course on

Microwave Heating and Processing of Foods

13th - 17th May 2019

Registration Form

Name (in block letters) : _____

Qualification : _____

Designation : _____

Organisation : _____

Mailing address : _____

Mobile : _____

Fax : _____

Email : _____

Payment: Rs: _____

IIT Guest House/Hostel stay needed (will be arranged as per availability on a payment basis): **Yes / No**

Signature of Applicant : _____

Date:

COURSE FEE:

- Participants from abroad : INR 56,800/-
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The fees include all course materials, working lunches, and tea/coffee during session breaks.

Subject to availability, the participants will be provided with accommodation on payment basis. This payment will be made separately by the participant at the accommodation venue.

The course fees are being paid by (Please tick appropriate option)

(i) Logging in at <https://portal.iitb.ac.in/ceqipapp>.

You will have to create a login ID, look-up this course and fill up a registration form. After approval of the Faculty Co-ordinator, you can pay the fees. Please include the transaction details here:

Date:

Transaction number:

Transaction amount:

OR

(ii) Demand draft drawn in favour of 'The Registrar, IIT Bombay - CEP Account'.

If payment is by DD, please furnish the following details:

DD No.: _____ Dt: _____

All completed registration forms **with bank transaction details** may kindly be mailed to:

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