

## **INTERNATIONAL SCHOOL OF MILLING TECHNOLOGY**

**For Admission to One Year Certificate Course (Residential) Program (2023-2024)  
in  
Flour Milling Technology at International School of Milling Technology (ISMT)**



**Main Mansion  
CSIR-Central Food Technological Research Institute**



**ISMT Mill**

### **INTRODUCTION**

#### ***The Institute:***

CSIR-Central Food Technological Research Institute (CSIR-CFTRI) is a pioneering organization in Research and Development in the area of Food Science and Technology and Human Resource Development. CFTRI is ISO 9001:2008; ISO 14001:2004 and ISO 17025:2005 Accredited Laboratory.

#### ***The Course Objectives and Achievements:***

As a part of human resource development, an International School of Milling Technology was established as a joint Indo-Swiss venture and Roller Flour Millers' Federation of India project during 1981 to serve the needs of flour milling industry in India and other developing countries with regard to training in flour milling technology.

The course has been continuously updated, making it effective and responsive to the needs of the milling industry especially in developing countries of tropical areas. The course is aimed at bringing out best technical personnel cum Managers equipped with the necessary skills and capabilities to take up the challenges of managing modern roller flour mills.

The course includes In-plant training at ISMT Mill (20 Tons/day capacity) & Automatic Mill practical classes. Different Guest lectures are also arranged on related topics. The mill has been modernized with latest machineries for cleaning, milling, flour fortification, automatic flour handling and packing system.

So far 41 courses in Flour Milling Technology have been completed and 42<sup>nd</sup> is in progress. In all, till date 860 participants including 117 from some of the developing countries such as Bangladesh, Cambodia, Ethiopia, Ghana, Guyana, Jordan, Kazakhstan, Kenya, Liberia, Mongolia, Nepal, Nigeria, Oman, Pakistan, The Philippines, Srilanka, Syria, Suriname, Uganda, United Arab Emirates, Vietnam, West Indies, Yemen, Zambia, have been trained. These trained personnel are serving in different roller flour mills in India and in various other countries. Since then, there have been qualitative changes in the working of these mills as per the feedback received from the milling industry.

## FACILITIES

### *General:*

International School of Milling Technology (ISMT) is first of its kind in South East Asia. The Institute has all the required facilities to offer for the program of the international standard, which are briefly described below:

### *Laboratories & Infrastructure Facilities:*

ISMT enjoys the facilities and expertise of CFTRI with fully dedicated computer-controlled pilot roller flour mill, where students are taught milling systems as per the International and Indian sub continental standards.

ISMT is also equipped with analytical laboratory for testing physico-chemical attributes of raw material and finished products. In addition, test baking and pilot scale baking facilities are available for assessing quality of milled products.



**Electronic Roller Mill**



**Plan Sifter & Purifier**



**Mill Pneumatics**



**Fortification**



**Flour Packing**

## **Library:**

CSIR-CFTRI is having a well-equipped library in the field of Food Science & Technology which is a National Information Center for Food Science & Technology.

## **Faculty:**

The institute has been leveraging its expertise, industry collaborations, and infrastructure to create a range of this course that cater to the needs of milling industry by bringing out best technical personnel cum Managers. Its faculty members, with extensive practical experience and academic expertise, bring a unique blend of theoretical knowledge and practical experience to the classroom.



**Class Room**



**Library**



**Electrical Laboratory**



**Rheology Laboratory**



**Baking Laboratory**



**Mill Control Room**



**International Hostel**



**Student Room**

## CURRICULUM

The theory as well as practical subjects taught at ISMT is divided into four groups namely:

- |                                  |   |
|----------------------------------|---|
| (I) Milling and Cognate subjects | Diagram Technique, Mill Operation, Mill Machine, Mill Practices, Automatic Milling Operations, Cereal Science and Baking Technology   |
| (II) Basic Subjects              | Physics, Chemistry and Mathematics  |
| (III) Applied subjects           | Mechanics, Electrical Technology- Theory and practical, Energy Management, Technical Drawing, Infestation Control, Packaging Technology, Feed Milling, Nutrition and Computer Science |
| (IV) Study Tour                  | Study tour to commercial roller flour mills and allied industries   |

and

**Two Weeks Industrial In-plant training at Buhler India Private Limited**



**This program includes overview of machine manufactured by Buhler, functioning of various machines at mill and its safety aspects. Machine manufacturing workshop visit, soft skill training, Orientation on QA standards, training in application centre, Interaction with technologists, installation and service engineers to understand real time issues and site visit.**

## WHO CAN APPLY? - Course Eligibility

43<sup>rd</sup> regular course in Flour Milling Technology is tentatively scheduled to start in the last week of December 2023. Applications are invited from the eligible candidates with the following requirements for admission:

### **Eligibility:**

**Bachelor's Degree in Technology/Engineering/Science  
(or)  
Diploma in Technology/Engineering/Science**

## Selection Process

Selection is based on marks/grades of the qualifying degree/diploma examination. Weightage may be given for experience in flour milling/ sponsorship by flour milling industry for a limited number of seats. If required, an aptitude test/interview will be conducted by CFTRI, at Mysuru. Those who are selected for the course will be intimated about their selection.

## Course Fee

The course fee is Rs. 2,50,000/- for Indian participants and U.S. \$11,000 for participants from abroad. The course fee indicated is exclusive of service tax which is applicable as per Indian government regulations at the time of admission.

The participant will have to bear the boarding & lodging expenses provided at the International Hostel situated inside the campus. **Application, Course and Hostel fee once paid by the participant is non-refundable.**

## How to Apply? - Program Admission Journey

Interested Eligible Candidates are required to apply ONLINE through the given link <https://admissions.cftri.res.in/> (or) through <https://cftri.res.in/>. No other mode of application will be considered. Instruction to fill up the Online Application is also given on the above website.

Candidates are required to upload his / her recent passport-size scanned photograph, signature (max size 50 KB) and also relevant certificates at the specified places in the online application (PDF file size of 1MB each).

Make the requisite application fee and submit the online application

Hardcopy/Printout of the online application form duly signed, along with original photograph and all necessary enclosures must be sent by Speed Post / Registered Post / Courier only to the following address so as to reach on or before the closing date.

The Coordinator, ISMT  
CSIR-Central Food Technological Research Institute,  
Mysuru, Karnataka-570020,  
India

## Important Dates

- |   |                                 |
|---|---------------------------------|
| (i) Commencement of Online Registration/Fee Submission:         | 31.10.2023 (from 10:00 AM IST)  |
| (ii) Last date for Submission of Online Application:            | 29.11.2023 (up to 05:00 PM IST) |
| (iii) Last date for Receipt of Hardcopy of Online applications: | 07.12.2023                      |

## Application Fee

### For Indian Candidates:

The application fee for Indian candidates is Rs.2000/-.

Necessary bank details to remit the application fee are:

(i) Name of Beneficiary:	DIRECTOR, CSIR-CFTRI, MYSORE
(ii) Account Number:	64018311818
(iii) Bank Name:	STATE BANK OF INDIA
(iv) Branch Name:	CFTRI BRANCH
(v) Bank IFSC Code:	SBIN0040055

### For Foreign Candidates:

For foreign candidates application fee of US\$ 100 in the form of an international money order drawn in favour of “The Director, CFTRI, Mysore” or Wire transfer to “Director, CSIR-CFTRI, Mysore”. For wire transfer account details, contact The Coordinator, ISMT.

## Contact Information

For General Queries, please contact us through email [ismt@cftri.res.in](mailto:ismt@cftri.res.in) & Tel No.- 0821-2343982

For Technical Queries regarding online application only, please contact us through email [helpdesk@cftri.res.in](mailto:helpdesk@cftri.res.in)

### Note

Candidates shall be solely responsible for filling up the online applications correctly. In case of invalid applications resulting due to errors committed by the candidate, no claims for refund of cost of application fee so collected shall be entertained.

To avoid last-minute rush, Candidates are advised to apply online at the earliest.

CSIR-CFTRI does not assume any responsibility for the candidates not being able to submit their applications within the prescribed last day application on account of aforesaid reasons or any other reason, whatsoever.

By submitting the application, the candidates agree that the decision taken regarding Admissions by CSIR-CFTRI will be final and binding.

Candidates should ensure that all details of educational qualifications, Experience Certificates, Caste Certificates (if applicable) are accurate and in full. The documents/ testimonials/certificates will be verified through proper channels from the respective Competent Authorities. If, it is found at any stage (during the study period also), information / documents are found not verified or discrepancy in your name and its subsequent correction is false or furnished any incorrect / false information or suppression of any factual information, which would render the candidate's admission to be discontinued/cancelled forthwith without assigning any reason and other criminal /legal action will also be taken. In this case the course and hostel fee will not be returned.