

NATIONAL SKILL DEVELOPMENT PROGRAM

CSIR- INTEGRATED SKILL INITIATIVE FERMENTATION TECHNOLOGY

13th – 15th June, 2024

Venue: Central Facilities for Research and Development, opposite to University
College of Law, Osmania University, Hyderabad - 500 007



Jointly Organised By
CSIR-CSMCRI
UCS, Osmania University
Abode Biotech India Pvt. Ltd.



Preface

Background: Microbes are important in every part of our life and are widely exploited industrially in agro, food, pharma, chemical, energy, waste treatment, etc. The process for product development may differ but the underlining principles in all the above mentioned processes involves fermentation technology. The skill development programme on fermentation technology aims to introduce the basics of industrial fermentation process involving basic knowledge required for fermentation, parameters to be controlled during fermentation, its industrial application and recent technological advances.

Beneficiaries of the course: Process Engineers; Quality Control Manager; Lab Technicians /Assistants; Shift Engineers; Entrepreneurs in Pharma, biotech and food industries as well as fermentation based industries.

Benefits of the course: The courses will be useful for the graduates aspiring to work in Pharma, biotech and food industries, fermentation industries or for the person who are already employed in the industries to sharpen their skills.

Focus on current needs of fermentation industry.

COURSE DETAILS: Duration – 3 days

- **TRAINING ON FERMENTATION PRINCIPLES**
- **BIOREACTOR DESIGN**
- **HANDS ON PILOT SCALE FERMENTATION EXPERIENCES**
- **DOWNSTREAM (PURIFICATION PROCESS AND PRODUCT FORMULATION)**
- **MATERIAL AND ENERGY BALANCE COMPUTATIONS AND PROCESS ECONOMICS**

EXPERTS



Dr. Sourish Bhattacharya CSIR-CSMCRI (Co-Ordinator)

Working as a Senior Scientist at CSIR-CSMCRI, Bhavnagar Gujarat, India. He is having a strong background in the area of microalgal biotechnology, microalgal biofuel, biopolymers and nutraceuticals for therapeutic applications.



Shalini Alli - Abode Biotec India Pvt Ltd (Convener)

Working as Deputy General Manager of Business Development at Abode Biotec India Pvt Ltd. She has more than ten years of experience in the area of Business Development, Product development and Branding.



Prof. Sandeeptha Burgula – Osmania University (Co-Ordinator)

The Head, Dept. of Microbiology and Director, Central Facilities for Research and Development at Osmania University, Hyderabad, India. Her laboratory is currently focused on understanding the role of an acute phase protein, Haptoglobin, in bacterial sepsis.



Dr. Mayuri Banerjee Bhattacharya - Biorenesis Pvt Ltd

Founder & Owner of Biorenesis Pvt. Ltd. She has completed her Master of Public Health (Environment & Occupational Health) from Manipal University, MBA (International Management) from Paris School of Business.



Sreenadh Madapati- Abode Biotec India Pvt Ltd

Working as a Director-Business Development at Abode Biotec Pvt. Ltd. and has experience in leading the probiotics based business in India.



K. Ranjith Kumar - Abode Biotec India Pvt Ltd

Working as a Director-Technical at Abode Biotec Pvt. Ltd. and has experience in leading the production of probiotics based business in India.



Dr. Hameeda Bee - Osmania University

Working as Associate Professor of Microbiology, Osmania University. Currently working on Microbial Biotechnology with focus on production of plant probiotics, biosurfactants. Area of interest is on Microbiome research for sustainable soil, plant & human health. Editorial board member and Reviewer of research papers for several national & international journals.



Dr. Debashish Ghosh – IIP, Dehradun

He is having 17 years of R&D experience in microbial fermentation & bioprocess development. Primarily works on bioprocess development from biomass to 2nd & 4th generation biofuels/oleochemicals/nutraceuticals/biopolymers. Currently heading Biochemistry & Biotechnology Area, Material Resource Efficiency Division, at CSIR-IIP.



Dr. R. Bhambure - NCL Pune

Working as a Senior Scientist at NCL, Pune. His expertise is in the area of process development for protein drugs molecules used for treatment of infectious diseases.



Dr. Monica Trif - CENTIV Germany

Currently working as Project Manager/Product Development Manager, more than 15 years relevant expertise in food & nutraceutical research by participation in various international/national projects related to research & innovation. She has been involved in a Socrates Intensive Programme for 'Food & Health'.



Prof. Antonio Zuurro – Sapienza University

Working as Professor at Sapienza University, Rome, Italy. His area of expertise is in the area of microbial fermentation.

“Certificate Course in Fermentation Technology”

Date: 13th – 15th June, 2024

REGISTRATION FORM

Name:

Gender Male Female

Home Address:

Organization/company:

Aadhar Card No.:

Educational qualification:

Sponsored by/ Self interested:

Contact No.:

Registration fee: Government / Industry

Self-Sponsored Students/ Individuals: Rs. 1000/- + 18% GST/-

Industry Sponsored/ Entrepreneurs: Rs. 5000/- + 18% GST/- (Only)

DIGITAL PAYMENT ONLY WILL BE ACCEPTED and NO CASH TRANSACTION.

Kindly submit completed form on/ before 7th June 2024, to Dr. Sourish Bhattacharya at
(sourishb@csmcri.res.in) and contact (+91-8017750689)

NOTE: Candidates with all required information and fees deposited through digital mode only will be accepted and will be selected based on their CV in the said training program. Please submit a printed copy of fees receipt and a Xerox copy of the AADHAR Card during training program, if selected.

Accommodation for staying at Hyderabad has to be arranged by Candidates only. The candidate has to produce their double dose completion certificate for introducing COVID-19 protective vaccines during joining to the training program. No accommodation will be provided by the Institute.



CSIR Integrated Skill Initiative

Skill Development Programme

केन्द्रीय नमक व समुद्री रसायन अनुसन्धान संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद, भारत)
गिजूभाई बधेका मार्ग, भावनगर 364002 (गुजरात)

CSIR- Central Salt & Marine Chemicals Research Institute
Gijubhai Badheka Marg, Bhavnagar-364002, Gujarat (INDIA)



Application Form (आवेदन पत्र)

1.	Name of the Candidate उम्मीदवार का नाम	:		Photo
2.	Father's / Guardian's Name पिता/ पति का नाम	:		
3.	Date of Birth जन्म तिथि	:		
4.	Category वर्ग	:	General / OBC/ SC / ST	
5.	Address (Permanent) पता (स्थायी)	:		
6.	Address (Communication) पता (पत्र व्यवहार)	:		
7.	Educational Qualifications शैक्षणिक योग्यता	:		
8.	Phone No. फोन/ मोबाइल नंबर	:		
9.	E mail ईमेल	:		
10.	AADHAAR Card Number आधार कार्ड नंबर	:		
				Candidate's Signature उम्मीदवार के हस्ताक्षर
Details of enclosures				