



केन्द्रीय नमक व समुद्री रसायन अनुसंधान संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद, भारत)
गिजूभाई बधेका मार्ग, भावनगर 364002 (गुजरात)
CSIR- Central Salt & Marine Chemicals Research Institute
(Council of Scientific & Industrial Research, India)
Gijubhai Badheka Marg, Bhavnagar – 364 002 (Gujarat)
www.csmcri.res.in

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अमृत महोत्सव



CSIR Integrated Skill Initiative

12th Edition of CSIR Integrated Skill Initiative

Training program on Seaweed Cultivation and its processing

Phase- I, Date: 14th – 16th June, 2023

Phase- II, Date: 21st – 23rd June, 2023



Venue

CSIR – CSMCRI - Marine Algal Research Station,
Mandapam Camp - 623 519,
Ramanathapuram District, Tamil Nadu.

The Skill India Mission is a nationwide scheme launched by the honorable prime minister in 2015. It is an integrated scheme to provide support for real skill development to 40 crore Indian citizens, targeting unemployed and underprivileged youths based on potential industry relevance. The prime objective of the scheme is to empower the youth of the country with adequate skill sets that will enable their employment in relevant sectors and also improve productivity. The mission has been proposed to be implemented through the National Skill Development Corporation (NSDC) under the Ministry of Skill Development and Entrepreneurship.

CSIR-CSMCRI is a national research laboratory headed at Bhavnagar, Gujarat with an extension unit (Marine Algal Research Station—MARS) exclusively for seaweed-based activity at Mandapam in Tamil Nadu, wherein technology for seaweed cultivation has been developed for commercially important seaweeds. Seaweeds are simple tissues made algae found in marine water and are categorized as green, red, and brown forms. The unique product known as phycocolloid is a primary source of red and brown seaweed. The product phycocolloid has a multi-application in various industries. Because of its immense application, demand for phycocolloid has been significantly increased globally, including in India. Therefore, the cultivation of commercially important seaweed is an indispensable practice these days, especially in countries like India where the longest coastal regions necessary for cultivation are found. The seaweed resource obtained through cultivation does not only fulfill the demand for phycocolloid.

It proved to be an ideal livelihood opportunity for the coastal community and helped to develop a strong entrepreneurial spirit.

CSIR-CSMCRI is being registered under NSDC to train in the area of its expertise. Seaweed farming is one of the expertized domains of CSIR-CSMCRI. To evident that seaweed activity is one of the major activities of CSMCRI, Farming of *Kappaphycus* seaweed which is the sincere effort of Marine Algal Research Station, Mandapam, an extension unit of CSIR-CSMCRI. MARS, Mandapam has developed many cultivation techniques for various seaweeds. Thus, the Marine Algal Research Station (MARS-Mandapam) intends to organize a training programme on seaweed cultivation.

The training programme is intended to raise awareness about the importance of seaweeds, as well as to learn about the applications and world and Indian scenarios of seaweeds through limited theory sessions. The unique future of the training programme is to provide hands-on training in the field for various methods of cultivation for different commercially important seaweeds, which will support easy learning of the methods. Furthermore, the training provides an opportunity to interact with the experienced seaweed cultivators working in the field for a livelihood. Most importantly, the programme takes the participants to the industry driven by seaweed and lets the participants help to explore how the seaweed has been industrially utilized. This opportunity paved the way for exploring seaweed entrepreneurship development further.

The designed programme is appropriate for currently working scholars in universities, post-graduate students, and aspirants looking for an opportunity for entrepreneurship development in seaweed. The deserving candidates may participate in the programme on the scheduled date.

Faculties



Dr. V. VEERAGURUNATHAN, M. Sc., Ph. D.,
Principal Scientist & Head
Specialization : Red algae cultivation & Processing
Publication: Journal -25 ; Book chapter-06



Dr. R. DINESHKUMAR, M. Tech., Ph. D.,
Senior Scientist
Specialization: Biochemical Engineering
Publications: Journals-18; Book Chapters- 5



Dr. L. SATISH, M. Sc., Ph. D., M.B.A
Scientist
Specialization : Seaweed tissue culture
Publication: Journal -73 ; Book chapter-19



Dr. S. DINESH KUMAR, M. Sc., M. Phil., Ph. D.,
Scientist
Specialization: Edible seaweed cultivation
Publications: Journals-95; Book Chapters- 44



Mr. S. THIRUPATHI, M. Sc.,
Senior Technical Officer (1)
Specialization: Seaweed farming
Publications: Journals-10; Book Chapters- 01



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TRAINEE ENROLLMENT FORM

TITLE OF SKILL DEVELOPMENT PROGRAM	:	INTEGRATED SKILL INITIATIVE (12 th Edition)
DATE(S), TIME AND VENUE	:	(Phase-I) Date: 14 th – 16 th June, 2023 (Phase-II) Date: 21 st – 23 rd June, 2023 (Please tick the phase in which you want to participate) Venue : CSIR – CSMCRI - Marine Algal Research Station, Mandapam Camp - 623 519, Ramanathapuram District, Tamil Nadu
FULL NAME OF TRAINEE	:	
FATHER'S / HUSBAND'S NAME	:	
DATE OF BIRTH (DD/MM/YYYY)	:	
GENDER (MALE / FEMALE / OTHERS)	:	
CATEGORY (SC / ST / OBC / EWS / GENERAL)	:	
PHYSICALLY DISABLED (YES / NO)	:	
CURRENT STATUS (working/ entrepreneur/ student/ unemployed/ school dropout)	:	
QUALIFICATIONS	:	
PHOTO ID NUMBER (Aadhaar/ PAN/ Voter ID/ Passport)	:	
MOBILE NUMBER	:	
ALTERNATE MOBILE NUMBER	:	
EMAIL ADDRESS	:	
TRAINEE'S DOMICILE (RURAL / URBAN)	:	
FEE PAYMENT DETAILS	:	
DATE:		SIGNATURE OF APPLICANT

Kindly submit completed form on or before **June-05, 2023** for Phase-I & II to marsmandapam@gmail.com. If any query please contact Dr. S. Dinesh Kumar (9443069049), R. Baratharaja (8220369576)

Training Program Fee

₹ 1000/- + ₹ 180/- GST = ₹ 1180/-	Category I : Self- sponsored [Students, and Entrepreneur}
₹ 5000/- + ₹ 900/-GST = ₹ 5900/-	Category II : Any sponsored candidate (Faculty from Private and Govt. institution, Industry and sponsored by Entrepreneur)

DIGITAL PAYMENT ONLY WILL BE ACCEPTED and NO CASH TRANSACTION.

Details of Fee Deposit

(Payment through RTGS/ NEFT only)

Amount (₹)	:	
Bank Name	:	
Branch Name	:	
Account No.	:	
Transaction ID and Date	:	
Signature of Depositor/ Candidate		
Name: _____		

Kindly submit completed form on or before **June 05, 2023** for Phase-I & II by email to marsmandapam@gmail.com. If any queries please contact Dr. S. Dinesh Kumar (9443069049), Mr. R. Baratharaja (8220369576)

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. Selection intimation mail will send by email on June-06, 2023

Accommodation for staying 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.

Bank details of CSIR-CSMCRI for Trainee Program Fee



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गिजुभाई बधेका मार्ग, भावनगर- ३६४ ००२

CSIR-CSMCRI CSIR-CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE

Gijubhai Badheka Marg, Bhavnagar 364 002, Gujarat, India

Phone No. (O) 0278, 2471792 E-mail: fao@csmcri.org

Electronic Fund Transfer Account Details

1	Name of account holder	DIRECTOR, C.S.M.C.R.I.
2	Address	GIJUBHAI BADHEKA MARG, BHAVNAGAR 364002
3	e-mail address	fao@csmcri.org
4	Phone No./Mobile No.	0278-2471792
5	Fax No.	0278-2567562
6	Permanent Account Number (PAN)	AACCC1313P
7	Particulars of Bank Account	
	A. Name of the Bank	STATE BANK OF INDIA
	B. Name of the Branch	WAGHAWADI ROAD BRANCH
	C. Branch Code	10863
	D. Address	Shubham Shop No.G2/3, Plot No.2569 E1/2, Waghawadi Road Opp. Gulista Ground, Bhavnagar-364002 e-mail: sbi.10863@sbi.co.in
	E. Telephone No	0278- 2569884
	F. Account No.	30267310153
	G. Type of Account	SAVINGS BANK ACCOUNT
	H. IFSC Code (RTGS/NEFT)	SBIN0010863
	I. MICR code	364002023