



**CENTRE FOR AQUACULTURE**  
**In Association with**  
**DEPARTMENT OF MARINE SCIENCE,**  
**BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI**  
**Industrial partner**  
**ALGAE TECH PROCESS, CHENNAI**

**ORGANIZING**  
**Hands-on Training Program on**  
**MARINE MICROALGAE CULTURE TECHNIQUES**

**March 5<sup>th</sup> - 6<sup>th</sup> 2026**

**Venue - IRC & Centre for Aquaculture**

**Chief Patron**

**Dr. Mariazeena Johnson**  
Chancellor  
Sathyabama Institute of Science and Technology,  
Chennai

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Tiruchirappalli

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Professor & Head, DMS, BDU, Tiruchirappalli

**Industrial Partner**

**Mr. S. Kumaravel**  
Algae Tech Process, Chennai

**Organizing Secretaries**

**Dr. P. Santhanam**  
Professor  
Department of Marine Sciences,  
Bharathidasan University, Tiruchirappalli

**Dr. M. V. Rajeswari**  
Assistant Professor (Research)  
Centre for Aquaculture, SIST, Chennai

**Co-Organizing Secretaries**

**Dr. S. Usha Nandhini**  
Assistant Professor, (Dept., Biotech) SIST

**Dr. E. Thirumalaikumar**

Assistant Professor, Centre for Aquaculture, SIST

**Organizing Team**

**Dr. R. Rajaram**

Professor, DMS, BDU, Tiruchirappalli

**Dr. V. Yoganadan**

Associate Professor, DMS, BDU, Tiruchirappalli

**Miss. J. Joshi Sharon**

Scientific Assistant, CA, SIST

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Scientific Assistant, CA, SIST

**Miss. M. Martina Herlin**

Scientific Assistant, CA, SIST

**Mr. D. Pattabiraman**

Technical Assistant, CA, SIST

**Mr. G. Ravi Kumar**

Young Professional I, CA, SIST

**OVERVIEW**

Marine microalgae form the foundation of aquatic food chains and play a crucial role as live feed in fish, shrimp, and shellfish hatcheries. They are also widely used in biotechnology and nutraceutical industries. This hands-on training programme is designed to provide students with practical laboratory skills in marine microalgal culture, maintenance, and applications in aquaculture systems.

**TRAINING HIGHLIGHTS**

- To impart hands-on skills in marine microalgal culture
- To train students in live feed production techniques
- To familiarize laboratory and hatchery protocols
- To enhance employability and research skills
- To promote sustainable aquaculture practices

**KEY TOPICS COVERED**

- Collection, Isolation, monoculture, and batch culture techniques
- Mass culture methods and protocols
- Sanitation and hygiene standards for hatcheries
- Media preparation, Sterilization and inoculation techniques
- Introduction to live feeds
- Water quality parameters
- Harvesting techniques

**Lead Speakers**



**Dr. P. Santhanam**  
Professor

Department of Marine Science,  
Bharathidasan University,  
Tiruchirappalli



**Dr. K. P. Sandeep**  
Senior Scientist

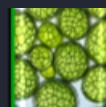
ICAR-Central Institute of Brackishwater  
Aquaculture,  
Chennai



**Dr. S. Jeyanthi**  
Assistant Professor

PG and Research Department of  
Zoology  
Ethiraj College For Women  
(Autonomous) Chennai

**Species selection**



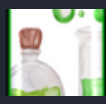
**Media Preparation**



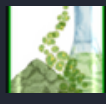
**Inoculation of culture**



**Growth & Monitoring**



**Harvesting cells**



**WHO CAN APPLY**

UG/PG Students / Research  
Scholars / Faculty / Scientist /  
Industry Persons in the field of  
Aquaculture and related to  
biology related subject areas

**REGISTRATION FEE**

**Students: Rs. 500/-**

**Faculty / Others: 1000/-**

(\* Registration fee includes training kits,  
Refreshments and lunch. A certificate  
will be issued to all the participants upon  
successful completion of the program.  
Participants are requested to arrange  
their own accommodation).

**ACCOUNT DETAILS**

**Account Name :** Director  
Innovation Sathyabama Institute  
of Science and Technology  
**Account No :** 891734627  
**Bank Name :** Indian Bank  
**IFSC Code :** IDIB000S201

**CONTACT US:**

**Dr. M. V. Rajeswari**

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Centre for Aquaculture  
Sathyabama Institute of Science and Technology  
Chennai - 600119

**REGISTER LINK**

<https://forms.gle/Zhg9zoUub1LmpMEs7>



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**05/03/2026-06/03/2026**

**10:00 AM**