

Resource persons



Dr. A. Palavesam

Former Prof. & Head, Animal Science
MS University, Tirunelveli

Topic: Fish Gut Microbiome – A Treasure of Probiotics for Sustainable Aquaculture



Dr. P. V. Subba Rao

Former Dy. Director, CSIR-CSMCRI, Gujarat

Topic: Blue Economy and Seaweed Cultivation: Current Scenario



Dr. P. Anantharaman

Former Dean, Marine Sciences
Annamalai University, Parangipettai

Topic: Biodiesel Production from Marine Algae



Dr. B. Johnson

Senior Scientist, ICAR-CMFRI, Mandapam

Topic: Role of ICAR-CMFRI in Seaweed Mariculture in India: Prospects and Potentials



Dr. M. Anand

Head, Marine & Coastal Studies, MKU, Madurai

Topic: Value Addition Potential and R&D Opportunities of Seaweed Pigments Across Multiple Sectors



Dr. G. Immanuel

Director (PG Extn. Centre) & Assoc. Prof.,
CMST, MS University, Rajakkamangalam

Topic: Resource, Health Benefits and Therapeutic Potentials of Seaweeds



Dr. C. Periyasamy

Head, Botany, PMT College, Sankarankoil

Topic: Kappaphycus Farming and its Prospects in India



Dr. Arunachalam Kannappan

Dept. of Food Science & Engineering
Shanghai Jiao Tong University, China

Topic: Impact of Microbial Biofilms on Human Health and Strategies for Their Control



Dr. D. Mubarak Ali

Asst. Prof., School of Life Sciences
Crescent Institute of Sci. & Tech., Chennai

Topic: Development of Microalgal Value-Added Products



Dr. Akbar John

Assoc. Prof., College of Marine Science & Aquatic
Biology, University of Khorfakkan, Sharjah, UAE

Topic: UAE's New Green Gold – Driving Innovation in Health, Energy, and Agriculture

Abstract & Full Paper Guidelines

Abstract Submission

- ❖ Format: English, ≤ 250 words, Times New Roman, 12 pt, single spacing.
- ❖ Title: 14 pt, bold, centered.
- ❖ Include: Author(s) with affiliation, corresponding author's email, and up to 5 keywords.
- ❖ Deadline for abstract and full paper submission: **20 September, 2025**
- ❖ Oral (PG, Scholars, Faculty, Others): 8–10 mins, max 10 slides.
- ❖ Poster (Students only): Portrait, 1 m × 1 m (max 2 student).

Online mode – only for International and Out-of-Tamil Nadu oral presenters

Full Paper Submission

- ❖ **Guidelines:** Follow Indian Hydrobiology format (<https://indianhydrobiology.yolasite.com/>)
- Plagiarism check mandatory.**

Publication

- ❖ Selected Papers → Indian Hydrobiology Journal (as per Editor's discretion; discounted APC).
- ❖ Other Accepted Papers → Conference Proceedings.

Submission of Abstract and Full Paper:

Email to sacisas2025@gmail.com (Subject line mention the: Author Name – Title – Full Paper).

Registration Fee Details

UG students	- Rs. 400/-
PG students/ Scholars	- Rs. 600/-
Faculty/ Industrialist/ Scientist & others	- Rs. 750/-
Other state virtual mode participants	- Rs.300/-
International virtual mode participants	- 18 US\$

Spot Registration is Not Encouraged

- ❖ Best Oral and Poster Presentations (offline) will receive certificates, shields, and cash prizes of ₹ 1500, ₹ 1000, and ₹ 500 for 1st, 2nd, and 3rd places respectively.
- ❖ Certificates will be given for the Best Oral Presentations of online participants (International and other state).

Industrial representatives and seaweed farmers meet

25th September, 2025
at 5:00 PM



Registration Link:

<https://forms.gle/Eojd2rrVPxX2Bf9HA>

For Registration



For Payment



Join WhatsApp Group



Payment Account Details

Name of the Account : S.Meenakshi
Account Number : 273501000007632
Bank & Branch : Indian Overseas Bank,
Pennadam
IFSC Code : IOBA0002735
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For Correspondence

Dr. S. Meenakshi

Organizing Secretary

Assistant Professor

PG & Research Department of Microbiology
Sadakathullah Appa College (Autonomous)

Rahmath Nagar

Tirunelveli – 11

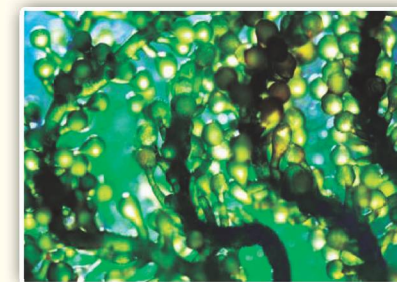
Mobile : 9443748119

E.Mail: sacisas2025@gmail.com



Two Days International Conference on Algal Sustainability (ICAS25)

25th & 26th September, 2025



Organised and funded by

PG & RESEARCH DEPARTMENT OF MICROBIOLOGY
SADAKATHULLAH APPA COLLEGE
(AUTONOMOUS)

Reaccredited A++ by NAAC & ISO 9001:2015 certified institution
Ranked 98th in the NIRF Ranking - 2024
Rahmath Nagar, Tirunelveli, Tamil Nadu, India
www.sadakath.ac.in

SEAWEED RESEARCH AND UTILIZATION ASSOCIATION
&
KRISHNAMURTHY INSTITUTE OF ALGOLOGY

Chennai - 600 040
Tamil Nadu, India

&
SNAP NATURAL AND ALGINATE PRODUCTS PRIVATE LIMITED

Vellore - 632 403
Tamil Nadu, India

&
SATHYAM BIO
Madurai - 625 005
Tamil Nadu, India

About the College

Sadakathullah Appa College, established in the year 1971 at Tirunelveli, Tamil Nadu, is a premier institution named after the renowned Arabic scholar Sadakathullah Appa. Founded by the Muslim minority community with the motto “My Lord, Vouchsafe Me Wisdom”, the college is committed to provide quality higher education to all, with a special focus on Muslims and other underprivileged sections, while instilling strong moral and spiritual values.

Accredited with an A++ Grade (4th Cycle) by NAAC, the college is affiliated to Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu and recognized by the UGC, with Autonomous Status extended up to 2033. Ranked 98th in NIRF 2024, it stands as a symbol of academic and research excellence.

With a vibrant community of over 4,000 students, the institution offers a wide range of UG, PG, and Research programmes across Arts, Science, and Commerce. Spread over a 40-acre green campus, the College houses modern infrastructure, ICT-enabled classrooms, advanced laboratories, a central library, and active research centres, creating an ideal environment for learning and innovation.

About the Department

The Department of Microbiology, established in 1997 and upgraded as a PG & Research Department in 2018, offers B.Sc., M.Sc., Ph.D., and certificate courses in Clinical Medical Laboratory Technology (CMLT) and Quality Control & Assurance (CQCA). It also runs the Sadakath Diagnostic Laboratory, providing hands-on training and diagnostic services to the society.

With advanced laboratories and modern research facilities, the department ensures strong practical training and research exposure to the student community. The faculty, specializing in medical, food, environmental, marine, molecular, and aquatic microbiology, have contributed publications, book chapters, GenBank submissions, patents, and student projects under TNSCST funding. They are recipients of fellowships, research awards, and international training, while alumni hold positions in reputed institutions, industries, and healthcare sectors in India and abroad. The department has frequently hosted national and international seminars, symposia, and training

programmes with eminent global experts. With its vibrant research culture, funding, collaborations, and alumni achievements, it continues to nurture competent microbiologists and innovative researchers with a global outlook.

About the Conference

Algae ranging from Seaweeds, Phytoplankton, and Freshwater macroalgae are increasingly recognized as the “green gold” of the future, offering sustainable solutions in energy, environment, health, and industry. Unlike traditional resources, algae can be cultivated on non-arable land, in marine and freshwater systems, and under controlled conditions, ensuring a reliable and eco-friendly biomass supply without depleting natural ecosystems.

Their potential spans across biofuels, nutraceuticals, bioplastics, biofertilizers, animal feed, pharmaceuticals, cosmeceuticals, and high-value compounds, while also playing a vital role in carbon sequestration, wastewater treatment, aquaculture, and climate mitigation. Importantly, this conference emphasizes cultivation and production-based research-promoting scalable technologies that move beyond wild collection to sustainable farming and bioprocessing.

The International Conference on Algal Sustainability aims to serve as a global platform for faculty, scientists, industry leaders, environmentalists, research scholars, and students. It will encourage early-career researchers and students to:

- ❖ Gain exposure to cutting-edge international research in algal science.
- ❖ Explore cultivation technologies for marine, freshwater, and planktonic algae.
- ❖ Interact with eminent experts and industry professionals.
- ❖ Present innovative research and discuss product-oriented strategies in algal biotechnology.
- ❖ Align their work with the UN Sustainable Development Goals (SDGs) for a greener future.

Target Participants

- ❖ University & College Faculty
- ❖ Research Scholars & Students (Life Sciences, Biotechnology, Environmental

Sciences, Aquaculture, Marine & Freshwater Biology)

- ❖ Industry Professionals in Biotechnology, Renewable Energy, Healthcare, Aquaculture & Food Technology
- ❖ Environmentalists, NGOs & Policymakers

Thrust Areas

1. Diversity, Taxonomy & Molecular Characterization of Algae (Marine & Freshwater)
2. Cultivation Technologies for Seaweeds, Plankton & Freshwater Algae
3. Algal Biotechnology & Applied Microbiology
4. Biochemistry, Molecular Biology & Nanotechnology Applications
5. Biofuels, Carbon Sequestration & Climate Change Mitigation
6. Wastewater Treatment, Bioplastics, Biofertilizers & Circular Bioeconomy
7. Nutraceuticals, Functional Foods & Animal Feed
8. Pharmaceuticals, Cosmeceuticals & Biomedical Applications
9. Algae in Aquaculture, Environmental Management & Sustainability
10. Product-based Research, Innovations & Industry Collaborations

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Sadakathullah Appa College (Autonomous), Tirunelveli

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Department of Aquatic Biology & Fisheries
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Dr. P. Anantharaman

Secretary, Seaweed Research and Utilization Association
Former Dean, Faculty of Marine Sciences, CAS in Marine Biology
Annamalai University, Parangipettai

Organizing Secretary

Dr. S. Meenakshi

Assistant Professor, PG & Research Department of Microbiology
Sadakathullah Appa College, Tirunelveli
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