

Registration fees :

Virtual Participants – Rs. 200
Students & Research Scholars – Rs. 300
Faculty – Rs. 500

Last Date for Registration : 27.02.2026

PATRON

Dr. R. Beulah Jeyashree

Principal & Secretary
Lady Doak College
Madurai

ORGANISING COMMITTEE

Convenor

Dr. G. Priscilla Sweetlin

Head and Assistant Professor
Department of Botany
Lady Doak College
Madurai

Organising Secretaries

Dr. D. Reena Navaroja

Dr. H. Shyla Jebashree

Assistant Professor(s)
Department of Botany

Members

Mrs. G. Janet Jeeva Anandhi

Dr. M. Packia Lincy

Dr. D. Joy Marjorie Annal

Dr. P. Sakthiaswari

Ms. R. Judith Gloriam

Dr. N. Dhurigai

<https://tinyurl.com/4prvuwtd>



Registration Details:
CLICK HERE TO REGISTER
QR code

Contact:

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Dr. H. Shyla Jebashree

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Madurai, Tamil Nadu, India.

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Lady Doak College

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited with 'A+' Grade by NAAC (4th Cycle)

MADURAI 625002, TAMIL NADU, INDIA



DEPARTMENT OF BOTANY AND RESEARCH CENTRE

Cordially invites you for the

National Seminar

on

"Advancing Algal Research towards a Sustainable Future"

Hybrid mode



Date : 3rd March 2026

Venue : BCMMT

About the College

Lady Doak College, a premier Christian Institution and the first Women's College in Madurai, was the brainchild of Ms. Katie Wilcox, an American missionary with a vision and fervour for the empowerment of women. The College made its humble genesis in 1948, and within a short span of time, in 1978, it was commissioned to function as an autonomous college, being affiliated to the Madurai Kamaraj University. The college strives to develop the student's intellectual powers, locate, identify and cultivate their interests and talents and train them to be responsible and useful citizens.



About the Department

The Department of Botany, which was started in 1952, offers an Undergraduate and Postgraduate course in Botany, and is recognized as a Research Centre in Botany. The Department has been recognized as a DST-FIST sponsored department. Under Star College Scheme of DBT, the department had received financial assistance for strengthening of Life Sciences & Biotechnology education. 14 students have received TNSCST student project grants and 3 minor and 9 major research projects have been granted by funding agencies such as UGC, CSIR, DBT, DST, MoEF, DST-WOS-A, TNSCST and DBT-BBSRC-INDO UK. 17 students have been awarded Ph.D Degree.

About the Seminar

Algae are a diverse group of photosynthetic organisms that play a fundamental role in sustaining life on earth. They are the most efficient biological systems for converting sunlight, carbon dioxide, and nutrients into biomass. Algae contribute nearly half of the global oxygen production and form the base of aquatic food webs, supporting fisheries and marine biodiversity. They hold immense potential in areas such as sustainable biofuels, carbon sequestration, wastewater treatment, nutraceuticals, pharmaceuticals, cosmetics, agriculture, and climate-resilient food systems. Advancing algal research opens pathways to a greener and more sustainable future.

Through innovations in Biotechnology, Genetics, and Industrial applications, algae are increasingly recognized as key players in the global transition towards renewable resources and environmental sustainability. This national seminar serves as a platform to bring together Academicians, Researchers and Scholars to share knowledge, foster collaboration, and accelerate progress in algal science and its applications for societal and environmental benefit.

PROGRAMME

09:00 am : Registration
09:45 am : Prayer
10:00 am : Session I
11:00 am to 11:30 am : Break
11:30 am : Session II
1:00 pm to 2:00 pm : Lunch Break
2:00 pm : Session III
3:00 pm to 4:00 pm : Valedictory Session

EMINENT SPEAKERS



Dr. B. Babu

Assistant Professor
Department of Botany,
Madras Christian College (Autonomous)
Chennai, Tamil Nadu

**Title : The Vibrant Marine Algal Realm
of Tamil Nadu: An Analytical Overview**



Dr. P. Varalakshmi

Associate Professor & Head
Department of Molecular Microbiology
School of Biotechnology
Madurai Kamaraj University
Madurai, Tamil Nadu

Title : Exploration of Algae for high value products



Dr. R.V. Sreeharsha

Assistant Professor
Department of Life Sciences CFJM
Kanpur University
Kanpur
Uttar Pradesh

**Title : Photosystem Efficiency as a
Key Performance Indicator for Stress
Resilience and Resource Recovery
in Diverse Microalgal Species**



Dr. Jibu Thomas

Professor in Biotechnology
School of Agriculture and Biosciences
Karunya Institute of Technology and Sciences
(Deemed to be University)
Coimbatore, Tamil Nadu

**Title : Freshwater Microalgae
as a Bioeconomic Resource:
Intellectual Property and
Metabolite Valorization**