



2-Day workshop on Algal Biotechnology

Organized by

Board of Study in Plant Sciences
Postgraduate Institute of Science
University of Peradeniya



19th and 20th of October

Mode of delivery : Hybrid

Day 01



Prof. Greg Martin

Deputy Head (research), Department of Chemical Engineering, University of Melbourne, Australia

Algal Biotechnology, past, present and future: progress towards global impact



Dr. Alla Silkina

Research Scientist, Department of Biosciences, Geography, and Physics, University of Swansea, UK

Algal farming as CO₂ sinks towards mitigating global warming and climate change



Prof. Navid Moheimani

Professor, Algal Biotechnologist, University of Murdoch, Australia

Algal waste to profit



Ms. Haryni Rengarajan

Research Scholar, University of New Castle, Australia

Current and future perspectives of a microalgae based circular bio-economy to manage industrial wastewaters



Prof. Radha Prasanna

Head, Principal Scientist, Division Microbiology, Indian Agricultural Research Institute, India

Cyanobacteria as nutrifertigation options in protected agriculture



Dr. Tharangika Bowanage

Research Scholar, NIFS

Cyanobacteria in extreme ecosystems of Sri Lanka and value addition for industrial applications



Prof. Manel Kumari

Professor, Department of Botany, University of Ruhuna

Cyanobacterial toxins, detection and its impact on aquatic ecosystems



Dr. Sarangi Athukorala

Senior Lecturer, Department of Botany, University of Peradeniya

Micro-algal based wastewater treatment and value addition towards climate-smart agriculture

Day 02

- Practical session on environmental sampling of algae
- Laboratory session on isolation, preservation, identification and culturing algae
- Photobioreactor designing
- Laboratory session on DNA isolation from algae
- Field visit to a local algal research facility
- Certificate awarding and closing remarks

**Only for first registered
30 participants**

Deadline

10th of Oct. 2024



Registration: e-mail
registration form to

ar@pgis.lk

or

Scan QR code

Contact :

Dr. Sarangi - 0768723626

Ms. Lakshika - 0713021022

**Registration fee : Students : Rs. 5000
Professionals : Rs. 10,000**

**Deposit to the PGIS A/C No.
0081041788 , BOC , Peradeniya**