

GOLDEN OPPORTUNITY

**Free Accommodation For
10 Faculty Members And
10 Students (From Other
Cities / Provinces of Pakistan)**

Contact for Registration

Last Date of Registration (31st October 2024)

For Students: Rs 3000 (After Deadline Rs: 5000)

For Faculty: Rs 3500 (After Deadline Rs: 5000)

Foreign Participants \$50 (After Deadline \$ 75)

Registration Account Details

ASKARI BANK

Name: Marrium Raheel

Account # PK42 ASCM 0001 0503 2022 1419

Dr. Ghazala Y. Butt 0334-4688643

Shahid Mehmood: 0300-8042954

Marrium Raheel: 0329-4168509

Anser Mukhtar 0333-6134170

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www.appliedphycologysoc.org

phycologyworkshop2024@gmail.com

TREASURE OF LIFE



Organizing Committee



Prof. Dr. Abdul Nasir Khalid
(Director/Professor)



Prof. Dr. Ghazala Yasmeen Butt
(Chief Organizer)



Prof. Dr. Shakeel Ahmed
(Professor, Member)



Dr. Aisha Nazir
(Assistant Professor, Member)



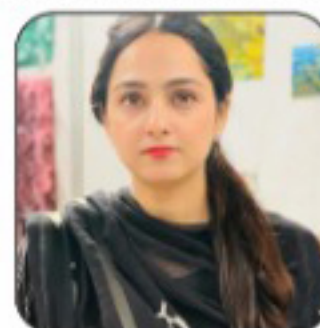
Dr. Arooj Naseem
(Assistant Professor, Member)



Dr. Asia Khatoon
(Assistant Professor, Member)



Anser Mukhtar
(PhD Scholar, Member)



Marrium Raheel
(PhD Scholar, Member)



Mr. Shahid Mahmood
(PhD Scholar, Member)



One-Week International Phycological Workshop-2024

**Identification of Freshwater Microalgae and
Biotechnology**

11-15 November 2024

CENTENNIAL CELEBRATIONS



ORGANIZED BY

**Phycology Research Laboratory,
Institute of Botany, University of the Punjab,
Quaid-i-Azam Campus, Lahore**





International Society for Applied phycology

The ISAP is a non-profit organization that aims to promote research and the dissemination of knowledge concerning the utilization of algae as.

Promote Organizes workshops and training programs.

Promotes the exchange of students and researchers.

International Phycological Training Workshop-2024

NATIONAL & INTERNATIONAL SPEAKERS

Dr. Poong Sze Wan

Institute of Ocean & Earth Sciences,
University Malaya

Prof. Dr. Ghazala Yasmeen Butt

Institute of Botany, University
of the Punjab

Prof. Dr. Aliya Rehman

Department of Botany, University
of Karachi

Dr. Aisha Khatoon

Department of Botany, University
of Karachi

Dr. Amina Khanzada

Department of Botany, Sindh University
Jamshoro

Dr. Asma Tabassum,

Director ORIC,
Sohail University Karachi

HIGHLIGHTS OF THE WORKSHOP 2024

Hands on training: Identification of Freshwater Microalgae such as Cyanophycota, Chlorophycota Bacillariophycota etc.

Field Trips for Algal Identification in Natural Habitat

I Botanical Garden of University of the Punjab

II Algal Collection From Ponds of Botanical Garden
GC University, Lahore

Microscopy

Learn Algal Identification techniques Under the Microscope

Algal Fertilizer

Algal Biomass use as Organic Fertilizer for Crops

Lahore Visit & Dinner Gala

Algal Sketch Competition

Participant win the prize by
sketching the algal specimen



INTRODUCTION:

The Institute of Botany (formerly the Department of Botany) is celebrating the year 2024, as it successfully completes 100 years. It was established in 1924 in the building of Botany Department, Government College Lahore. The Department moved to the Quaid-e-Azam Campus in 1963 and was housed in various buildings until its present building was constructed in 1973. The Institute has ten research laboratories with an elaborate research program involving national and international collaborations with academia, industry and government organizations. Currently, many research projects are being run by the faculty members. The Institute has a Library, Computer laboratory, a Common Room, Seed Centre, Botanical Garden, Greenhouses and Climatic rooms for research experiments.

AIMS & OBJECTIVE



Microalgal identification and biotechnology aim to explore the potential of these unicellular phototrophic organisms as green cell factories to efficiently convert sun light energy into biomass and high value products to meet human requirements. They are important ecologically and environmentally because they are responsible for the production of approximately 70% of the oxygen and organic matter in aquatic environments. It is therefore required to train researchers to gather new ideas from experts and try to meet the new demands to contribute sustainable future. This one week international workshop will provide guidelines to students and research workers that how to build and help our country with the very basic and important field of Phycology. By this means researchers will find ways to undertake research in freshwater algae. During this workshop, all participants will learn about scientific methods used to understand the subject of Phycology. This workshop will help the participants to learn collection techniques, for use in agriculture as biofertilizer

PREVIOUS EVENTS ORGANIZED BY CHIEF ORGANIZER

One-week International Phycological training course on Algal Ecology & Biotechnology in collaboration with International Society for Applied Phycology, HEC & PSF (21-25 November, 2022)

Two days Phycological workshop on Algal collection Techniques and their Economic Uses in collaboration with HEC & PSF (May 2022)

Phycological workshop on Algal collection & Biofuel Production Collaboration with HEC & PSF (2016)

International Conference of Plant Sciences in collaboration with HEC & PSF (2014)

Phycological Workshop on Algal Collection & Culturing Techniques Collaboration with HEC & PSF (2014)

Phycological Workshop on Phycoremediation of Heavy Metals Contamination (2013)

Phycological Workshop on Algal Collection & Recent Taxonomy of Chlorophyta Collaboration with HEC & PSF (2012)

International Seminar on The ups & downs of Pakistan's large Marine Animals with Respect to Phytoplankton Collaboration with HEC & PSF (2011)

1st National Phycological Conference in collaboration with HEC & PSF (2011)

FLASH BACK



BLUE GREEN BOTANICAL SOCIETY (EXECUTIVE MEMBERS)



Fiza Iqbal
(PhD Scholar)



Syed M. Waleed
(PhD Scholar)



Awaiz Arshad
(PhD Scholar)



Uswa Fatima Ahmed
(PhD Scholar)



Aden Mariam
(MPhil Scholar)



Wariza Naeem
(MPhil Scholar)



Ali Saqib
(MPhil Scholar)



Muhammada Jabeen
(PhD Scholar)



Tooba Zia
(PhD Scholar)



M. Mohsin Raza
(PhD Scholar)



M. Shiwal Hamza
(PhD Scholar)



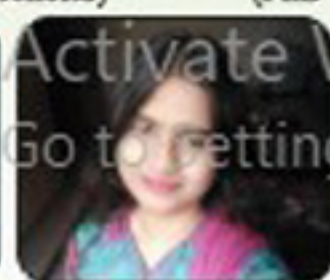
Amna Shehzadi
(PhD Scholar)



Faiza Irshad
(PhD Scholar)



Muhammad Ihsan
(PhD Scholar)



Faiqa
(M Phil Scholar)