

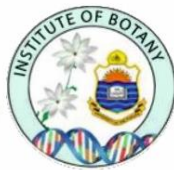


**One-Week International Phycological Training  
Workshop 2022**

*on*

**Algal Ecology & Biotechnology**

**21-25<sup>th</sup> November 2022**



**Organized by**

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

**In collaboration with**

**International Society for Applied Phycology  
Pakistan Science Foundation  
Higher Education Commission  
Punjab Higher Education Commission**

**INTRODUCTION:** The Institute of Botany, University of the Punjab stretches back over three quarters of the century. 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 AND OBJECTIVES:** Continuous research on plants enabled us to fulfill the expanding demands of human society for food, shelter, medicine etc. A positive step has been the awareness of algae, algal collection techniques, identification of algae and selection of efficient strain of algae, commercial uses of algae to meet human requirements, grow freshwater microalgae e.g. *Chlorella* to produce bio-fuel and enhance lipid content as alternative and renewable fuel. It is therefore required to train researchers to gather new ideas from experts and try to meet the new demands to contribute to sustainable future. This one-week International training workshop will provide guidelines to students and research workers to make developments in the research field of Phycology.

## Organizing Committee



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



Prof. Dr. Ghazala Yasmeen Butt  
(Chief Organizer)



Dr. Aisha Nazir  
(Assistant Professor, Member)



Dr. Asma Zulfiqar  
(Assistant Professor, Member)



Dr. M. Shafiq  
(Assistant Professor, Member)



Dr. Arooj Naseer  
(Assistant Professor, Member)



Iram Mujahid Iqbal  
(Curator / Lecturer Member)



Anser Mukhtar  
(PhD Scholar, Member)

# Speakers of the International Phycological Training Workshop 2022

**Prof. Dr. Ahmet Uludağ**

(Canakkale Onsekiz Mart Üniversitesi, Turkey)



**Dr. Amir Vazirizadeh**

(Persian Gulf University, Iran)



**Prof. Dr. Ghazala Yasmeen Butt**

(Institute of Botany, University of the Punjab)



**Prof. Dr. Aliya Rehman**

(Ex. Director/ Chairperson of Botany, University of Karachi)



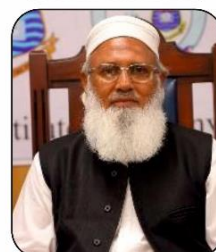
**Dr. Aisha Begum Khan**

(Department of Botany, University of Karachi)



**Dr. Ehsan Elahi Valeem**

(LEMR, Institute of Marine Science)



**Dr. Nazim Hussain**

(Research Fellow, University, Lahore)



## Previous Events Organized By Chief Organizer:

1. Two-day Phycological workshop on Algal Collection Techniques & Their Economic Uses with University of the Punjab and PSF (2022)
2. Two-day Phycological workshop on Algal collection & Biofuel Production Collaboration with HEC & PSF (2016)
3. International Conference of Plant Sciences Collaboration with HEC & PSF (2014)
4. Two-day Phycological Workshop on Algal Collection & Culturing Techniques Collaboration with HEC & PSF (2014)
5. Phycological Workshop on Phycoremediation of Heavy Metals Contamination (2013)
6. Phycological Workshop on Algal Collection & Recent Taxonomy of Chlorophyta Collaboration with HEC & PSF (2012)
7. International Seminar on The ups & downs of Pakistan's large Marine Animals with Respect to Phytoplankton Collaboration with HEC & PSF (2011)
8. 1<sup>st</sup> National Conference of Phycology Collaboration with HEC & PSF (2011)



### Contact for Registration.

Last date for registration 10<sup>th</sup> November 2022

For Students: Rs. 2800 (After deadline Rs. 5000)

For Faculty: Rs. 3500 (After deadline Rs. 5000)

Foregin Participants \$ 50 ( After deadline \$ 100)

[www.pu.edu.pk](http://www.pu.edu.pk)

[www.appliedphycologysoc.org](http://www.appliedphycologysoc.org)

✉ [phycologyworkshop2022@gmail.com](mailto:phycologyworkshop2022@gmail.com)

☎ Dr. Ghazala Y. Butt: **0334-4688643**

☎ Mr. Anser: **0333-6134170**

☎ Iram Mujaheed: **0323-4386311**