



B.S. Abdur Rahman
Crescent
Institute of Science & Technology
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SCHOOL OF LIFE SCIENCES

**B.S. ABDUR RAHMAN CRESCENT INSTITUTE
OF SCIENCE & TECHNOLOGY, VANDALUR,
CHENNAI**

Organize

**NATIONAL HANDS-ON
WORKSHOP ON BIO-
PIGMENTS ISOLATION,
CHARACTERIZATION AND
APPLICATIONS**



SEPTEMBER 11, 2024

CONVENOR

DR. S. HEMALATHA

**PROFESSOR & DEAN
SCHOOL OF LIFE SCIENCES,
BSACIST**

ORGANIZING SECRETARIES

DR. I. FARIDHA BEGUM ASSISTANT PROFESSOR

DR. NOBLE K KURIAN ASSISTANT PROFESSOR

ABOUT THE WORKSHOP

The comprehensive Hands-on workshop is designed to provide participants with a deep understanding of microbial pigment melanin isolation and characterization. This program will help to explore the world of microbial pigments and their potential applications in various fields of biology. Participants will take part in hands-on sessions to master techniques such as pigment extraction and purification, Thin Layer Chromatography, UV-visible spectroscopy, Dynamic Light Scattering, as well as Antioxidant, Antimicrobial, and Antibiofilm assays. Participants will also learn about the utilization of pigments in everyday life applications. This workshop is a great opportunity to improve technical skills and also to help in the manufacturing of bioproducts.

WORKSHOP OBJECTIVES

- Overview of microbial pigments
- Isolation and Identification of pigment-producing Microbes
- Isolation and extraction of microbial pigments by using various techniques
- Purification of microbial pigments by using Chromatographic technique
- Characterization of the pigment using advanced techniques
- Different Industrial applications of microbial pigments

TARGET AUDIENCE

This workshop is designed for individuals working or studying in Biosciences, including researchers, scientists, graduate students, and professionals seeking to enhance their technical skills.

REGISTRATION LINK

The last date for registration is 06 September 2024
Fee - Rs. 500

REGISTRATION LINK

<https://forms.gle/w47c4Aydo9HczKWy5>

ACCOUNT TRANSFER DETAILS

In favor of
Dean, School of Life Sciences,
Bank name: Indian Overseas Bank (IOB)
Branch: Vandalur, Chennai-600048.
Account number: 165701000019853
IFSC Code: IOBA0001657

FOR ANY QUERIES

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