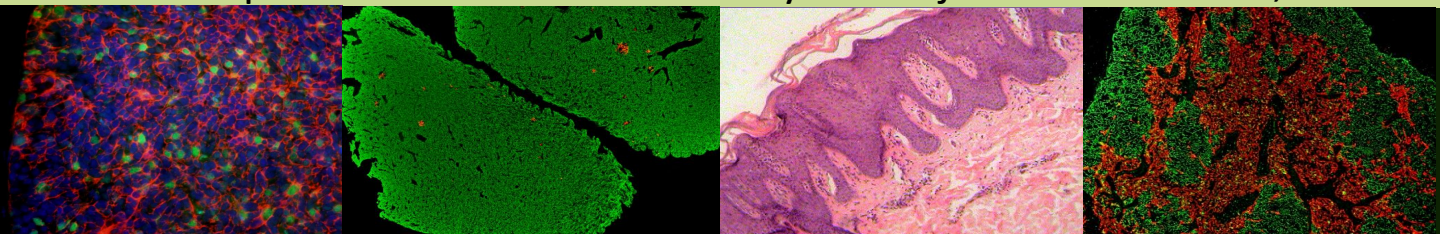


ACCELERATE VIGYAN SCHEME

MICROSCOPY KARYASHALA: START TO HIGH END RESEARCH APPLICATIONS

Department of Biochemistry

12- 18th September Central University of Punjab Bathinda, India



Purpose

Microscopy Karyashala aims to provide hands-on training to PG/PhD students in different modalities of microscopy applicable in different areas of research. The participants from universities, colleges and research institutes will be familiarized with the instrumentation, the intricacies of sample preparation, data acquisition and analysis with expert lectures on potential application of different modalities of microscopy.

Course Content

The Karyashala is spread over 7 days with an objective to understand different microscopy modules viz Light microscopy with its variations, Fluorescence & Confocal microscopy and Electron Microscopy encompassing

- Instrument details and working
- Sample Processing
- Protocols and reagent selection
- Data acquisition and interpretation
- Trouble shooting for each modality
- Invited lectures with Open sessions for one on one interaction

Chief Patron

Prof. Raghavendra P. Tiwari
Vice Chancellor, CUP, Bathinda

Patron

Prof. Ramakrishna Wusirika
DIA and HOD, Dept. of Biochemistry

Infrastructural Support

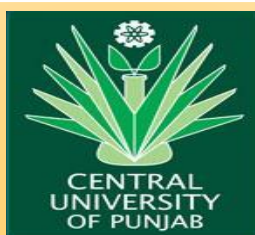
- Central Instrumentation Facility
Central University of Punjab
- Pathology Facility, AIIMS, Bathinda

How To Apply

PG/PhD students can fill the google form
<https://forms.gle/sSdpAUCWRS1gryWR8>

For any correspondence related to the workshop please write to Dr. Manju Jain, Dept. of Biochemistry
serbmicroscopykaryashala.cup@gmail.com





ACCELERATE VIGYAN SCHEME

MICROSCOPY KARYASHALA: START TO HIGH END RESEARCH APPLICATIONS

Registration Process

25 selected candidates will be intimated via email. The applicants shall provide Curriculum Vitae, Endorsement cum No Objection Certificate and Undertaking from their Head of the Department if selected. The template for the above documents can be accessed at the given link

https://drive.google.com/drive/folders/1fonws-b4mDetxQUILYFHV0_mmGMUxRgM?usp=sharing

All the applications received will be screened based on the basic eligibility criteria laid out by SERB and as per formulated guidelines for this workshop.

The certificate shall be issued to the participants on the successful completion of the workshop and complete attendance.

Accommodation and food will be taken care of for the selected candidates.

Resource Persons

Dr. Manjit Kaur
Additional Professor
Dpt. of Pathology
AIIMS, Bathinda

Dr. Anirban Bose
Application Specialist
Olympus Medical Systems

Dr. Manoj Manna
Application Specialist, Leica

Mr. Gandhi Aloysius
SEM Expert, Carl Zeiss

Mr. Saurabh Narang
TEM Expert, Director Jeol India

Dr. Santosh Chauhan
Scientist E
Institute of Life Sciences
Bhubaneswar, Odisha

Dr. Kim Cardenas
Application
Scientist II at
BioLegend, USA

Dr. Prashant S. Alegaonkar
Associate Professor,
Dept. of Physics, CUP

Dr. J. Nagendra Babu
Assistant Professor
Dept. of Chemistry, CUP

Dr. Manju Jain
Assistant Professor
Dept. Of Biochemistry, CUP

Dr. Sumeer Razdan
Technical Officer
and
Dr. Rabindra kumar
Technical Officer
Central Instrumentation
Laboratory CUP

Miss Nisha
Pathology Facility AIIMS,
Bathinda

Important Dates:

Last date to fill google form: 25th August 2022

Intimation of selected participants: 30th August 2022