



Hands-on workshop on

Fundamentals of Confocal & Super Resolution Microscopy

Course Topics

- Fundamentals of light microscopy
- Widefield microscopy
- Confocal Microscopy
- Multichannel imaging
- Capturing 3D images using Z-stack
- Spectral Imaging & scanning
- Intensity profiling, Deconvolution, Colocalization
- Applications in life sciences
- Super Resolution (SR) Microscopy techniques
- Introduction to SIM
- SR Image acquisition and post processing



Who can attend

- M.Sc/Ph.D scholars/Postdoctoral Fellows
- Imaging Facility Managers
- Faculties from Universities /Colleges
- Microscope users

Course Highlights

- IIT Delhi SATHI Facility tour
- **Hands-on experience with widefield, Confocal & Super Resolution microscopy**
- Meals & Accommodation included
- Certificates will be awarded

Registration Fee

- M.Sc students: ₹ 4000/-
- Ph.D scholars: ₹ 4500/-
- Postdoctoral Fellows (PDFs): ₹ 5000/-
- Imaging Facility Managers: ₹ 5000/-
- Faculty/ Staff: ₹ 6000/-

Limited
Seats
Hurry Up

Scan here



<https://forms.gle/VgyGxpKj3jXMN2c66>

Date & Venue

25th -27th Nov, 2026
IIT Delhi Sonipat Campus
coosathi@iitd.ac.in 8826250050

Application deadline is 20th November, 2026