



4<sup>th</sup> NATIONAL WORKSHOP/SYMPOSIUM  
ON

# ELECTRON TOMOGRAPHY OF BIOLOGICAL SPECIMENS



21<sup>st</sup>- 26<sup>th</sup> April 2025

Course Conveners

## Knowledge You'll Seek

- Sample Preparation (Plunge freezing, High-Pressure Freezing, Cryo Scanning Electron Microscope, and Focused Ion Beam Scanning Electron Microscope )
- Screening and Tilt-Series acquisition on 200/300KV Cryo-TEM
- Data processing with IMOD, e-TOMO and other software
- Sub-tomogram averaging reconstruction and segmentation.
- Hands-on training on Atomic Force Microscopy and Super Resolution Microscopy



Dr. SC Yadav  
Course Organizer



Dr. Prabhakar Singh  
Organizing Secretary



Prof. T.C Nag  
Course Coordinator

## Participation Fees

AIIMS Students and Researchers	2,500/.
PhD/Faculties/Scientist/PostDoc	5,000/.
For Industries	7,500/.

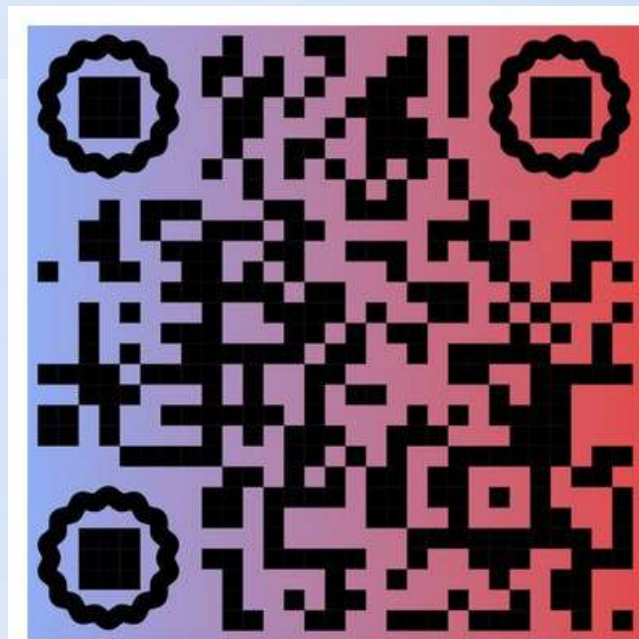
Limited seats for workshop, Selection based on merits



21<sup>st</sup> – 26<sup>th</sup> April 2025



ELECTRON MICROSCOPY  
FACILITY  
DEPARTMENT OF ANATOMY  
(-1) BASEMENT  
CONVERGENCE BLOCK  
AIIMS, NEW DELHI



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or

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