

Biological Atomic Force Microscopy (AFM)

Thursday, May 7, 2026 (UG 17)

8:00-9:00 am	Registration (UG 05, EMF, Basement (-1) Convergence Block)
9:00-10:00 am	Dr. Prabhakar Singh – AllMS, Delhi Lecture 1: Introduction of Atomic Force Microscopy
10:00-10:45 am	Prof. Biswajit Kundu - IIT, Delhi Lecture 2: Applications of Atomic Force Microscopy
10:45-11:30 am	Dr. Ashar Abu Zubaida – Bruker India Scientific Lecture 3: General Modes of Atomic Force Microscopy
11:30-11:45 am	Tea Break
11:45-1:00 pm	Dr. Ashar Abu Zubaida – Bruker India Scientific Lecture 3: Specific Modes of Atomic Force Microscopy
1:00-2:00 pm	Lunch Break
2:00-2:30 pm	Visit to IIT Delhi for AFM Hands On
3:00-4:00 pm	Hands-on 1: Mr. Asif/ Dr. Ashar Contact mode biological/ material science sample
4:00-5:00 pm	Hands-on 2: Mr. Asif/ Dr. Ashar AC/Tapping mode biological/ material science sample
5.00-6.00 pm	Evaluations and Valedictory

Preconference Workshop