

# Training Program: Practical Workshop on AFM

Duration of course: From 20-23 December 2009

## Training on Atomic force Microscope And it's various Operation Techniques

*This will include:-*

Day 1-20/12/09	Introductory Lecture on SPM (Scanning Probe Microscopy) Lecture on AFM and its advantages over SEM & TEM Operator training on AFM and Various sample preparation techniques.
Day 2- 21/12/09	Lecture on AFM Operating Modes, Contact Mode on AFM, Contact Mode Tips, Alignment of Laser, Software Operation Training. Practical Operator Training on AFM – Contact Mode
Day 3- 22/12/09	Lecture on Tapping Mode on AFM, Tapping Mode Tips, Alignment of Laser, Software Operation Training Practical Operator Training on AFM – Tapping Mode.
Day 4- 23/12/09	Self practice and discussion