Amity Institute of Microbial Technology
Amity University Uttar Pradesh

ICAR – National Bureau of
Agriculturally Important Microorganisms

National Workshop
on
Relevance of Microscopy in Microbial Characterization
(August 11 to 14, 2015)

Microorganisms are definitely the true backbone of society having enormous contribution in both active and passive manner. Their characterization is also important in order to identify and utilize them fully, and this can be achieved by upgrading the skills of microscopy. Recent years have seen tremendous expansion in the development of new types of microscopy, including florescence microscopy, phase contrast microscopy, confocal microscopy, scanning electron microscopy and transmission electron microscopy to name but a few. Concomitantly, technological improvements in various types of cameras have made video microscopy a very powerful tool which can greatly enhance some of the more common light microscope applications. All these advances in microscopy help to enhance our understanding of microbes and their various beneficial characteristics.

The proposed workshop aims to provide the hands-on training on the recent advances in microscopy with special emphasis on microbial aspects and will cover the following broad topics of current scenario:

- Structure and imaging of microorganisms
- Nanoparticles and Live cell imaging.
- Multidisciplinary approaches, phase contrast and immune-fluorescence microscopy for biological sciences
- Advances in confocal and Scanning Electron Microscopy and Transmission electron microscopy.

The lead and plenary lectures will be delivered by senior scientists from Universities/ Research Organizations / Industry with specific time slot for interactive discussions. The workshop is expected to be attended by research scholars, faculty members and scientists with minimum qualification of M.Sc or M.Tech in the field of Microbiology/Biotechnology/Plant Pathology/ Life Sciences.

KEY DATES

Registration Last Date : 31 July, 2015

REGISTRATION FEES

Scientists and Academicians	:	Rs. 3,000
Delegates from the Industry	:	Rs. 10,000
Students	:	Rs. 1,500

All cheques/bank draft should be made in favour of "***Registrar, Amity University Uttar Pradesh, payable at NOIDA***"

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