



Hands on training program on **CONFOCAL LASER SCANNING MICROSCOPY AND ITS APPLICATIONS**

27-29 June 2016

Confocal microscopy uses optical imaging to provide very-high-quality images with fine detail and more contrast than conventional microscopy. It creates advance images of the specimens and allows visualization in 3D images. Guwahati Biotech Park in association with Leica Mycosystems will provide hands on training on Confocal Laser Scanning Microscopy to elucidate the complete workflow including image acquisition, processing and analysis for advanced imaging needs.

About the Training

During the training participants will learn to optimize confocal image series (on **Leica DMI 8 Confocal system**). The training also includes image data processing, quantification and 3D visualization of the confocal data sets with the **Leica LAS X System software**.

Eligibility

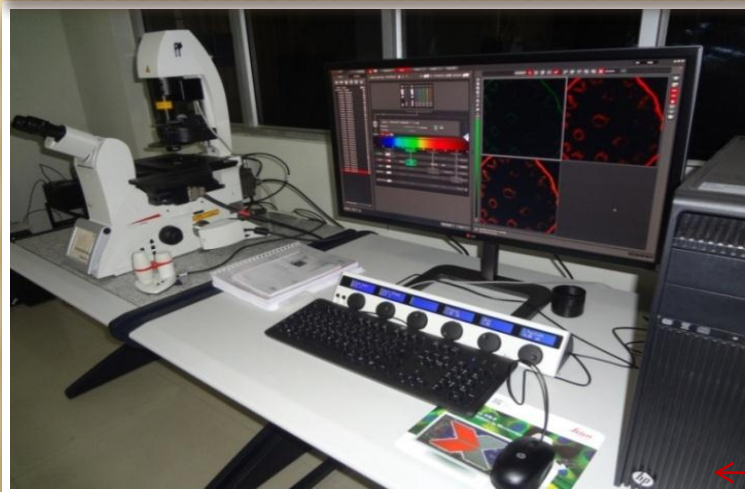
Open to students, research scholars , scientific and academic professionals. Applicants must have a basic knowledge in microscopy and its applications.

Intake Capacity

The program will accommodate 10 participants and the registration will be on the first come first serve basis. Applicants unable to participate due to limited intake capacity may apply for similar training programs which will be organized subsequently as per further announcements in the official website of Guwahati Biotech Park.

Course Fees

The participation fee per person is Rs. 3000/- . The fees may be submitted in cash or in the form of Demand Draft (DD) drawn in favor of 'Guwahati Biotech Park Incubation Centre' payable at Guwahati.



How to Apply

Applicants need to submit a filled-in Registration Form in the prescribed format which can be downloaded from [www.guwahatibiotechpark.com/Facilities/ Training](http://www.guwahatibiotechpark.com/Facilities/Training)). The filled in Registration Form along with the Registration Fees shall be submitted either personally in the office of the Guwahati Biotech Park or sent by post to the address noted below.

← **Leica DMI 8 Confocal system**

Note: Important information/updates regarding the program will be notified through the official website of Guwahati Biotech Park. Participants will be communicated through email by Scientist In- Charge, Bio-Prospecting Facility, GBPIC by 24.06.2016.