



NATIONAL LEVEL TRAINING PROGRAM ON

ADVANCED ANALYTICAL AND IMAGING TECHNIQUES

DATE : 1st – 7th NOVEMBER 2022 | Venue : North-Eastern Hill University, Shillong, Meghalaya

Organised by

Department of Zoology & Sophisticated Analytical Instrument Facility (DST-SAIF), North Eastern Hill University (NEHU), Shillong

In association with

JSS Academy of Higher Education and Research, Mysore

Sponsored by

Department of Science and Technology (DST) STUTI Scheme, Government of India

About the program

The aim of the hands-on training program is to provide participants with basic knowledge and skills required to work and apply various state-of art techniques used in Biological Research laboratories. The participants will be trained on sample preparation and working with SEM, TEM, ICAS, Confocal microscopy, C.D. Spectroscopy, Western blotting & Immunohistochemistry, RNA isolation, cDNA synthesis, PCR, RT-qPCR, chromatographic separation of proteins, their principle, and applications.

Who can attend

Faculty, Ph.D students, postdoctoral fellows & Early career research fellows from any science fields.

Application deadline : 25th October 2022

Limited to 30 participants

Registration fee

The registration fees will be waived off for the selected participants.

Food and accommodation will be provided for outstation participants. Travel support will be available for a few deserving participants (limited to 3 tier AC fare or bus fare by shortest distance).

Scan & Register



North-Eastern Hill University (NEHU), Shillong

North-Eastern Hill University was established in the year 1973 by an Act of Parliament. It is located in the permanent campus at Umshing in the capital city of Shillong, within a picturesque area, with gently undulating and thickly wooded Pine forests - a perfect location for the University. NEHU pays special attention to the improvement of the social and economic conditions and welfare of the people of the hill areas of the North-Eastern region, and, in particular, their intellectual, academic and cultural advancement. It has several Academic Departments along with the Sophisticated Analytical Instrumentation Facility. NEHU has established itself as an institution of higher learning and research of very high quality. It has been able to attract persons of proven academic excellence from almost all parts of the country to serve in its faculty; and its student community is drawn not only from the different parts of North-East but also from other parts of the country. In February 1996, the University set up a campus at Tura with the Departments of English, Garo and Education. A Department of Rural Development and Agricultural Production has been added to the existing three departments at Tura.

JSS Academy of Higher Education and Research (JSS AHER), Mysuru

JSS AHER formerly known as JSS University, was established in the year 2008 with four constituent colleges - JSS Medical College and Hospital, JSS Dental College and Hospital, JSS College of Pharmacy, Mysuru, and JSS College of Pharmacy, Ooty. In addition, JSS AHER has taken initiatives to enhance community health education and outreach activities by establishing departments of Water and Health (2011), Health System Management Studies (2012) and basic and applied science departments (2013). The JSS hospital caters to a population of 3-million people from all over Karnataka and India.

Department of Science and Technology (DST), Government of India

The Department of Science and Technology (DST) is a department within the Ministry of Science and Technology in India. It plays the role of a nodal department for organizing, coordinating, and promoting scientific and technological activities in the country. It gives funds to various approved scientific projects in India. The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resources and its knowledge capacity through open access to S&T Infrastructure across the country and envisions a hands-on training program and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access to S&T facilities.

Chief Patrons

Prof. Prabha Shankar Shukla
Vice-Chancellor, NEHU
Dr. Surinder Singh
Vice-Chancellor, JSS AHER

Patrons

Prof. Saurabh Kumar Dixit, Registrar, NEHU
Dr. B. Manjunatha, Registrar, JSS AHER

Coordinator/ Convenor

Prof. B. Roy
Head, Department of Zoology, NEHU

DST STUTI PMU Coordinator

Dr. Prashant Vishwanath, MBBS., MD., Ph.D,
Director (Research) & IQAC Coordinator, JSS AHER

Department of Zoology, NEHU

Organizing Secretaries

Prof. S.R.Hajong
Prof. S. Ghosh

Organizing Members

Prof. N.Saha
Prof. A.K.Yadav
Prof. A.S.Dixit
Dr. B. Das, Associate prof.
Dr. S. Choudhury, Assistant prof.

Convener

Dr. Dhanya B.E
Project Co-Ordinator, DST-STUTI Program, JSS AHER