



Workshop on Modern Instruments in Biological Sciences

28 & 29 February 2020

Organized by

**North East Centre for
Biological Sciences and Healthcare Engineering
(NECBH),
Indian Institute of Technology Guwahati (IITG)**

in association with

**Department of Chemistry,
Manipur University**

- Optical Spectroscopy
- Emission Spectroscopy
- Crystallography
- Surface Plasmon Resonance
- Electrochemistry
- Energy Dispersive Spectroscopy
- Magnetic Resonance Imaging
- Magnetic Resonance Spectroscopy
- Dynamic Light Scattering
- Techniques in Proteomics Analysis
- Mössbauer Spectroscopy
- Chromatography
- Flow Cytometry
- Theoretical Aspects of Protein Folding

+ POSTER SESSION

VENUE: Department of Chemistry, Manipur University

SPEAKERS:

- Prof. Gopal Das**
Department of Chemistry, IITG
- Prof. G. Krishnamoorthy**
Department of Chemistry, IITG
- Prof. N. Rajmuhon Singh**
Department of Chemistry, MU
- Prof. Naorem Homendra**
Department of Chemistry, MU
- Prof. L. Rupachandra Singh**
Department of Biochemistry, MU
- Prof. Sumitra Phanjoubam**
Department of Physics, MU
- Prof. Kananbala Sarangthem**
Department of Botany, MU
- Dr. W. Rameshwar Singh**
Department of Chemistry, MU
- Dr. Reena Haobam**
Department of Biotechnology, MU
- Dr. Shagolsem Lenin Singh**
Department of Physics, NITM
- Dr. Thingujam Usha**
Department of Radiodiagnosis, JNIMS

About NECBH: Based on broad objective of creating advanced facilities to cater to the needs of biosciences and bioengineering, North-East Centre for Biological Sciences and Healthcare Engineering (NECBH) has been set up by the Department of Biotechnology (DBT), Government of India. Under this program, DBT is funding small and medium budget research projects for the scientists/facilities across North-East. The main aim is to elevate the quality of research in biological sciences and healthcare engineering in North-East India. The NECBH will cater to the increased demand of experimental facilities for the researchers in the field of biosciences, conceptualizing and carrying out advanced experiments, space for joint and interdisciplinary research explorations. This endeavor also envisages creation of several state-of-the-art research facilities at IIT Guwahati to modernize the research infrastructure in this region for the use and benefit of the North-East research workforce. It is hoped that these activities will elevate the research ecosystem in the North-East to new heights. As a result, NECBH will provide impetus and accelerate the pace of bio related research activities from this region.

About Manipur University: Manipur University is the focal point of higher education and research in Manipur which is benefitted by the general populace of the North-Eastern Region as a whole. The University provides integrated courses in humanities, natural and physical sciences, social sciences, forestry and other allied disciplines through undergraduate, post-graduate and doctor of philosophy programmes offered in its constituent six schools, seven centres and 48 affiliated colleges inclusive of medical and engineering institutes. Besides, as the central hub for research activities in the state, the faculty, researchers and scientists of the University are devoted to interdisciplinary studies and research relevant to the problems of the state. The University annually produces hundreds of publications in reputed journals and books. The objective of the University is fostering excellence in teaching and research through the use of state-of-the-art facilities to improve the social and economic conditions of the people of the state.

Registration (30 Participants)

Faculty/ScientistsRs. 700/-
Students Rs. 500/-
Participants from Industry ... Rs. 1,000/-

*Accommodation charges extra. Two day lunch included.

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Abstract typed in Times New Roman size 12 and A4 size with presenting author underlined should be sent to francis@manipuruniv.ac.in.

Abstract Submission Deadline:

10 February 2020
(for Poster Presentation)

Poster Acceptance:

11 February 2020

Registration Deadline:

15 February 2020

Further Information:

<http://www.iitg.ac.in/necbh/events.php>

<http://www.manipuruniv.ac.in/events/workshop-on-modern-instruments-in-biological-sciences-wmibs>

Sponsored by

**The Department of Biotechnology, Government of India
(through NECBH)**