

ABOUT THE UNIVERSITY

North-Eastern Hill University (NEHU) was set up by an Act of Parliament and notified on 19th July 1973. The objectives of the University, as laid down in the act, are "to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to pay special attention to the improvement of the social and economic conditions with aim to provide welfare of the people of the hill areas of the North-Eastern region, and in particular, the intellectual, academic and cultural advancement". In spite of constraints of communication and the lack of infrastructure facilities in the region, NEHU has established itself as an institution of higher learning and research of very high quality. Various departments of the University receive special grants from UGC under its Special Assistance Programme. Apart from UGC grants, a large number of research projects have been awarded to individual faculty members by various national and international funding agencies. NEHU has around 1800 students applying for various Master's, M.Phil and Ph.D. degrees with faculty strength of over 500 members. At present there are sixty undergraduate colleges affiliated to the University including ten professional colleges with enrolment of about 20,000 students. Thus, in a short span of about 40 years NEHU has matured into an institution with a serious academic, social and cultural agenda with a clear vision for its future growth. Recently NEHU ranked 15th position in NIRF survey by MHRD Govt. of India.

ABOUT THE DEPARTMENT

Department of Nanotechnology (NT) in NEHU was established in the year 2012, with the specific purpose to promote studies in new emerging areas of Nanoscience and Nanotechnology employing advancements in technology for the benefit of society. The Department of the University intends to provide education to young basic science and engineers for the achievement of better technology application on learning new techniques, Research and Development (R&D) and Industry-Institution interaction in the field. The Department aims to focus on strengthening R&D activities for development of products/services which can be transferred to the society for the benefit of mankind. The department is presently running Ph.D. program and M.Tech. program in Nanotechnology. The students are being prepared to face the emerging challenges in the field by faculty members having rich expertise, diversity and experience in the field. The Department faculties are successfully running several Government funded projects from UGC, DST, BRNS etc. and having strong collaborations with

experts from BARC AERB, Chemistry Division, BARC, Mumbai, Manipur University and IIT-Guwahati.

INVITATION

It is our pleasure to inform you that Department of Nanotechnology, NEHU, Shillong is organizing a **National Seminar Cum Workshop in Nanoscience (NSWN2018): Hands on training on sophisticated instruments 29th -31th May, 2018**. We would like to cordially invite you to this National Seminar cum Workshop for deliberating with renowned experts in this field. The invitation is open for all academicians, young researchers, post-docs, Ph.D. and P.G./U.G. students working in the field of Nanotechnology and allied fields related areas.

THEME AREAS

- Nanomaterials, Nanocomposites and Nanoceramics
- Nanomedicine & Drug Delivery
- Nano Energy
- Nanoelectronics and Nanophotonics
- Sensors-MEMS & NEMS
- Computational/Theoretical Nanoscience

CALL FOR PAPER

Abstracts are invited in MS-word document (Times New Roman font 12) not exceeding more than one page including the title, author's name and affiliations and should be sent to nswn2018@gmail.com. If the abstract is accepted then scanned copy of filled registration form along with the DD/ NEFT transaction slip should be mailed to the Convener on or before 7th February, 2018 and hard copy of the same should reach us latest by 10th February, 2018 to confirm participation in the event.

HOW TO REACH NEHU, SHILLONG

North Eastern Hill University is located on East Khasi hills in the suburb of Shillong City, Meghalaya. It is about three to two/three hours journey by road from the Guwahati Railway Station as well as the Guwahati International Airport of the Assam State in India. Taxis and buses are readily available from these locations. Airport also exists in Shillong; however flight connectivity is on selected days.

ORGANIZING COMMITTEE

Patron-in-Chief

Prof. S.K. Srivastava, Vice Chancellor, NEHU, Shillong.

Patron

Prof. G. Saha, Dean, School of Technology, NEHU, Shillong

Chairman & Convener

Dr. L. Robindro Singh
Department of Nanotechnology

Secretary

Mr. Davidson Pyngrope
Department of Nanotechnology

Local Organizing Committee

1. Dr. Sudip Paul, Biomedical Engineering, NEHU, Shillong.
2. Mr. Nitin. Sahai, Biomedical Engineering, NEHU, Shillong
3. Dr. Mrityunjoy Mahato, Basic Sciences and Social Sciences, NEHU, Shillong.
4. Dr. Samrat Paul, Energy Engineering, NEHU, Shillong

ADVISORY COMMITTEE

Prof. S.K. Srivastava, NEHU, Shillong
Prof. G.Saha, NEHU, Shillong
Prof. G.Bez, NEHU, Shillong
Prof. P.K. Patra, NEHU, Shillong
Prof.S.Dorendrajit Singh, Manipur University
Dr. R.S.Ningthoujam, BARC
Dr. G.S. Okram, UGC-DAE
Dr. L.J.Singh, NEHU, Shillong,
Dr. V. Natarajan, BARC, Mumbai.
Dr. D Pamu, IIT Guwahati

IMPORTANT DATES

Last Date of Abstract submission : 20th April, 2018
Abstract Acceptance : 25th April, 2018
Early Bird Registration : 1st May, 2018
Late Registration : 15th May, 2018