

Topics to be covered

Physical and Theoretical Chemistry, Statistical Mechanics, Chemical Dynamics, Electronic Structure Calculations, Non-adiabatic dynamics

Call for Abstract

A one page abstract of the presentation in MS word should be sent to rac@nitm.ac.in. Template is available in the conference website

Important Dates

Last date of submission of abstract for poster **Sept. 30, 2022**

Date of announcement of accepted posters: **Oct. 10, 2022**

Last date of registration online: **October 15, 2022**

Registration Fees

Delegates (Industries): **Rs. 10,000/-**

Delegates (Academics): **Rs. 7,000/-**

Students (Research Scholars/Post-doc): **Rs. 4,000/-**

Students (UG/PG): **Rs. 2,000/-**

Accompanying persons: **Rs. 3000/-**

Bank Detail for paying Reg. Fees.:

Account Name: NITMGH Chemistry Conference Account

Account Number: 1184101015643

Bank Name: Canara Bank

Branch: Shillong Main

IFSC Code: CNRB0001184

Bank Address: Gulasta Fancy Market, 1st Floor, Mirula Building, GS Road, Shillong 793001

Accommodation will be provided in NEHU Guest houses for the Invited Speakers and Session Chairs and NIT Meghalaya Hostels for Research Scholars.

List of Invited Speakers

Prof. N. Sathyamurthy
Prof. Biman Bagchi
Prof. Deb Shankar Roy
Prof. Narahari Sastry
Prof. K. Srihari
Prof. P. K. Chattaraj
Prof. S. Adhikari
Prof. Sushanta Mahapatra
Prof. Swapan Pati
Prof. Ranjit Biswas
Prof. Asit. K. Chandra
Prof. Srabani Taraphder
Prof. Ayan Datta
Prof. Rajarshi Chakrabarti
Prof. Aditya Narayan Panda
Prof. Ashwini Kumar Tiwari
Prof. Debashree Ghosh
Prof. Sumana Dutta
Prof. Panchanan Puzari
Dr. U. Lourderaj,
Dr. Suman Chakrabarty
Dr. Manikandan P.
Dr. Manabendra Sarma
Dr. Jagannath Mondal
Dr. Neelanjana Sengupta
Dr. Rahul Maitra
Dr. Achintya Dutta
Dr. Rahul Kar
Dr. Sai Ramesh
Dr. P. Balanarayan
Dr. Pradeep Kumar
Dr. T. R. Rao
Dr. Pushpita Ghosh
Dr. Sangita Sen

IISER Mohali
IISc Bangalore
IACS Kolkata
NEIST Jorhat
IIT Kanpur
IIT Kharagpur
IACS Kolkata
Univ. of Hyderabad
JNCASR, Bangalore
SNBNCBS Kolkata
NEHU, Shillong
IIT Kharagpur
IACS Kolkata
IIT Bombay
IIT Guwahati
IISER Kolkata
IACS Kolkata
IIT Guwahati
Tezpur University
NISER Bhubaneswar
SNBNCBS Kolkata
IIT Jodhpur
IIT Guwahati
TIFR Hyderabad
IISER Kolkata
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IISER Mohali
MNIT Jaipur
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RAC 2019

A National Symposium on Recent Advances in Chemistry Theoretical and Computational Aspects(RAC-TCA 2022)

Date: November 18-20, 2022

Organized by:
Department of Chemistry
National Institute of Technology Meghalaya
&
North Eastern Hill University

Venue:
NEHU and NIT Meghalaya

Website:
<http://nitm.ac.in/RACTCA2022/>

Online link:
<https://meet.google.com/msq-tmsu-hin>

Local Organizing Committee

Patron:

Prof. B. B. Biswal Director, NIT Meghalaya
Prof. P. S. Shukla, VC, NEHU

Advisors:

Dr. G. K. Dutta, Dean (R&C)
Dr. A. Banerjee, Dean (AA)
Prof. A. Bhattacharyya, Dean (FW)
Prof. H. C. Das, Dean (SW)
Dr. C. Marthong, Dean (P&D)
Prof. K. M. Rao (Dean, SPS, NEHU)
Prof. T. S. Basu Baul (HoD, CY, NEHU)
Dr. N. K. Nath (HoD, CY, NITM)

Conveners: Dr. A. K. Paul & Dr. B. Sarkar

Organizing Secretaries:

Dr. G. K. Dutta (Finance)
Dr. N. K. Nath (Certificates and Mementos)
Dr. A. S. Roy (Technical, Transportation and Accommodation)



About the Symposium

RAC-TCA 2022 aims to deliberate upon the emerging trends in the theoretical aspects of chemical sciences and to provide a platform for dialogues on collaborative interdisciplinary research in the frontier areas of chemical sciences. This national conference is expected to attract national participants both from industry and academia. It is expected that RAC-TCA 2022 will contribute to update knowledge in the field of chemical sciences and will encourage the young researchers for promoting newer research endeavours in the challenging domain of current science.

About Shillong

Shillong, popularly called as the Scotland of East, is situated at an average altitude of 4,908 feet (1,496 m) above sea level, with the highest point being Shillong Peak at 6,449 feet (1,966 m), is a popular tourist destination. With the temperature 50-70 °F during the month of March, the city gifted with bountiful of scenic pine trees in the hilly terrain. Shillong is a great cocktail of cultures with coexistence of paradoxical worlds such as the folk and the westernized, virgin forests and car-choked streets, ancestral values and modern outlook.



About National Institute of Technology Meghalaya

The National Institute of Technology (NIT) Meghalaya is one among the thirty one NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Human Resource Development, Government of India. NIT Meghalaya took birth in 2010 and started functioning from its temporary campus in Shillong since 2012. NIT Meghalaya has secured 60th position in the Engineering Category, 12th among all NITs across the country, and 1st among all new NITs according to NIRF 2022, MHRD.

About North Eastern Hill University

The North-Eastern Hill University Act (24 of 1973) passed by both Houses of Parliament received the assent of the President of India on May 26th, 1973. Initially, the academic departments and administration of the University at Shillong functioned from hired buildings. Very soon, however, NEHU acquired two prime properties in the city. The academic departments then moved to these two sites. Meanwhile, the Government of Meghalaya acquired, for the University, a land (measuring about 1225 acres) in Umshing, a little outside the city limits, for setting up its permanent campus. The University has been accorded a 4 star status by the National Assessment & Accreditation Council (NAAC) of India for a period of five years, commencing from September, 2000.

