

**National Conference
on
Recent Advances in Chemistry
(RAC 2019)**

Date: October 14-15, 2019

Organized by: Department of Chemistry, National Institute of Technology
Meghalaya

Proposed Venue: State Convention Center, Shillong

Website: <http://nitmeghalaya.in/Rac2019/>

National Advisory Committee

1. Professor S. K. Srivastava, Vice Chancellor, North Eastern Hill University, Shillong.
2. Professor Amit Basak, Department of Chemistry, Head School of Bioscience, IIT Kharagpur.
3. Professor Kandala V.R. Chary, Department of Chemical Sciences, TIFR Mumbai (Director IISER Berhampur, Odisha).
4. Professor V. Chandrasekhar, Centre Director, TIFR Hyderabad.
5. Professor T. Punniyamurthy, Head Department of Chemistry, IIT Guwahati.
6. Professor Pinak Chakraborty, Department of Biochemistry, Bose Institute, Kolkata.
7. Professor Deb Sankar Ray, Physical Chemistry Division, IACS Kolkata.
8. Professor Anindya Dutta, Department of Chemistry, IIT Bombay.
9. Professor Shashank Deep, Department of Chemistry, IIT Delhi.
10. Professor Nitin Chattopadhyay, Department of Chemistry, Jadavpur University.

Local Organizing Committee

Patron: Prof. B. B. Biswal
Director, NIT Meghalaya

Advisors: Dr. A. Bhattacharjee
Dean (R&C) Dr. A. Banerjee
Dean (SW)

Dr. G. Panda
Dean (AA) & Dean (FW) Dr. D. K. Sarma
Dean (P&D)

Convenors: Dr. Atanu Singha Roy
Dr. Amit Kumar Paul

Organizing Secretaries:

Dr. Paresh Nath Chatterjee (Finance)

Dr. Gitish Kumar Dutta (Certificates and Mementos)

Dr. Naba Kamal Nath (Technical)

Dr. Mukul Pradhan (Transportation and Accommodation)

About the Conference

RAC 2019 aims to deliberate upon the emerging trends in 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 2019 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.

Topics to be covered

1. Physical and Theoretical Chemistry
2. Organometallic and Catalysis
3. Synthetic Organic Chemistry
4. Supramolecular Chemistry
5. Green Chemistry
6. Biophysical Chemistry
7. Bioorganic and Medicinal Chemistry
8. Bioinorganic Chemistry
9. Polymer Science
10. Nanomaterials
11. Energy Storage Materials
12. Nuclear Chemistry

Keynote Lectures

1. **Professor Samaresh Bhattacharya**, Department of Chemistry, Jadavpur University.
2. **Professor Swagata Dasgupta**, Department of Chemistry, IIT Kharagpur.
3. **Professor Shashank Deep**, Department of Chemistry, IIT Delhi.
4. **Professor Nitin Chattopadhyay**, Department of Chemistry, Jadavpur University.
5. **Professor Satrajit Adhikari**, School of Chemical Sciences, IACS Kolkata.
6. **Professor Sujit Roy**, School of Basic Sciences, IIT Bhubaneswar.
7. **Professor Satish Patil**, Solid State and Structural Chemistry Unit, IISc Bangalore.

Invited Lectures

1. **Dr. Prasun Kumar Mandal**, Chemical Science Division, IISER Kolkata.
2. **Professor Sivaprasad Mitra**, Department of Chemistry, North Eastern Hill University, Shillong.
3. **Dr. Sumana Dutta**, Department of Chemistry, IIT Guwahati.
4. **Dr. Manabendra Sarma**, Department of Chemistry, IIT Guwahati.
5. **Professor Prodeep Phukan**, Department of Chemistry, Gauhati University.
6. **Dr. Ashwini Kumar Tiwari**, Chemical Science Division, IISER Kolkata.
7. **Professor Ghanashyam Bez**, Department of Chemistry, North Eastern Hill University, Shillong.
8. **Dr. Sanjib Kumar Patra**, Department of Chemistry, IIT Kharagpur.
9. **Professor Samik Nanda**, Department of Chemistry, IIT Kharagpur.

Young Scientist Invited Lectures

1. **Dr. Kalyan Raidongia**, Department of Chemistry, IIT Guwahati.
2. **Dr. Saikat Halder**, NEIST Jorhat.
3. **Dr. Uttam Manna**, Department of Chemistry, IIT Guwahati.
4. **Dr. Subinoy Rana**, Material Research Centre, IISc Bangalore.
5. **Dr. Madhurima Jana**, Department of Chemistry, NIT Rourkela.
6. **Dr. Sudeshna Ghosh**, Department of Chemistry, IIT Kanpur.
7. **Dr. Nayan Ghosh**, CDRI Lucknow.

Call for Papers

A one page abstract of the presentation in *MS word* should be sent to the following email id: rac2019@nitm.c.in. The template for abstract is posted on the website.

Important Dates

Last date of submission of abstract for poster presentation: **September 15, 2019**

Date of announcement of accepted abstracts for posters: **September 20, 2019**

Last date of registration online: **September 25, 2019**

Registration Fees*

Academicians/Faculty: Rs. 5000/-

Research Scholars: Rs. 3000/-

Persons from Industry: Rs. 6000/-

M.Sc. and B.Sc. Students: Rs. 1500/-

Accompanying person: Rs. 1500/-

***includes conference registration kit, lunch, dinner and refreshment. The registration fee can be deposited through netbanking in the following bank account details:**

Bank Account (to be updated soon)

For online registration visit the conference website. The payment reference number is required for online registration.

Accommodations

The request for accommodation should be sent to the organizing secretary at the earliest. The same will be arranged on payment basis. The participants may arrange their own accommodations within Shillong in various hotels.

List of budget hotels in Shillong: Hotel Yalana (Laitumkhrah), Hotel JK International (Police Bazar), Hotel Broadway (Police Bazar), The Shillong Hills Guest House (Laitumkhrah), Pegasus Crown (Police Bazar), Eden Residency (Police Bazar), Sapphire House (Police Bazar). For other options, please visit:

<https://www.makemytrip.com/>

<https://www.tripadvisor.in/>

<https://www.trivago.in/>

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 16th position among the thirty one NITs across the country, according to NIRF 2017, MHRD.

Its permanent campus is being set-up at Sohra (Cherrapunjee). The campus will come up with state-of-the-art infrastructures and all the necessary modern amenities while maintaining harmony with the serene environment of Sohra. The aim is to build it to be the centre of excellence in education and research in the fields of engineering, science and technology. The vision is to develop it to be an institution vibrant with academic activities and bubbling with youthful creative energy. The challenge is to overcome the apparent deficiencies due to its location and turn them into advantages.

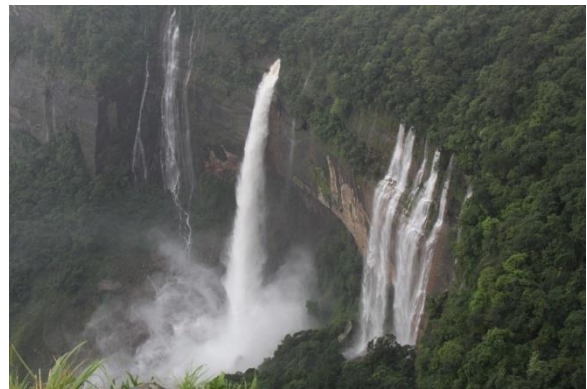
The Institute's efforts since the starting of its functioning in Shillong have been to set-up the best facilities within the limited available space. Being in a nascent stage the Institute needs lots of support and care from all quarters to bring it up.

About Shillong

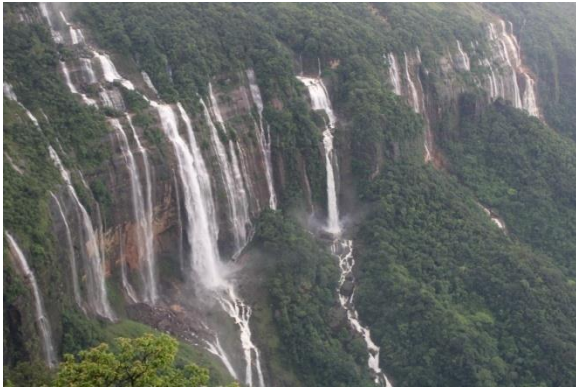
Shillong, popularly called as the **Scotland of East**, is situated at an average altitude of 4,908 feet (1,496 m) above sea level, with the highest point being Shillong Peak at 6,449 feet (1,966 m), is a popular tourist destination. With the temperature 50-70 °F during the month of March, the city gifted 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.



Elephanta Falls



Nohkalikai Falls



Seven Sisters Falls



Golf Course Shillong



Living Root Bridge



Wards Lake Shillong



Umngot River, Dawki



Laitlum Grand Canyon of Meghalaya