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About the Conference

Chemistry is a distinctive field which interfaces with many disciplines of science. The continued enrichment through crossing the boundaries between various other branches of science and technology, like, physics, biology and engineering has catered phenomenal discoveries and inventions at a rapid pace.

The growth of research and development activities in chemical sciences have been spectacular in the last century. Advances in this respect hold the promise of creating novel materials with a level of functionality and structure-function understanding par-excellence similar to that existing in nature. Understanding the synergy of various controlling factors and their impact on materials properties is of significant challenge.

The year 2018-2019 has been an important milestone that our University completes 25th glorious years of excellence and service in spreading the light of knowledge across the country. It has given us an opportunity to celebrate the vision and mission of the University through significant events over the year. The Department of Chemistry has been culminating the celebration with a three-day National Conference on Emerging Materials (NCEM-2018) that should help to promote research and developmental activities in Chemical Sciences and allied disciplines by providing a scientific platform to exchange the information, new ideas and experiences on the recent advances by bringing the scientific and teaching community together, leading to newer research endeavours.

Scientific Scopes

- Nanomaterials
- Liquid Crystals
- Polymeric Materials
- Smart Materials
- Porous Materials
- Carbon-based Materials
- Hybrid Materials
- Theory and Modeling of Materials
- Emerging Materials for Energy and Environment
- Materials for Biology and Medicine

Call for Papers

One page abstract of the presentation in MS Word file should be prepared in the prescribed format as given below and submitted to the Convener, NCEM-2018 by e-mail (ncem.chemaus@gmail.com) indicating the presentation as Oral or Poster. A full paper including figures and references (limited to 4 pages) in "docx" format, written in A4 page, single column, normal margin, 10 pt, times new roman font and 1.5 line spacing may be submitted to publish in the conference proceeding.

nCEM²⁰ 18

National Conference on Emerging Materials

March 20-22, 2018

(Silver Jubilee Celebration)



Organised by



Department of Chemistry
Assam University, Silchar-788011

Conference updates: www.aus.ac.in/seminars

Key Dates

Participants will be required to register by filling the registration form which can be downloaded from the university website: www.aus.ac.in

Last date of Abstract Submission: March 5, 2018

Intimation of Acceptance: March 8, 2018

Payment of Registration Fee: March 15, 2018

Registration Fees

Faculty/Scientists	Rs.2,500
Research Scholars	Rs.1,500
Industrial Delegates	Rs.5,000

For outstation participation limited number of free accommodation (sharing basis) will be arranged in the university guest house/hotels in the city, on first come first serve basis. The outstation participation willing to avail the accommodation facility are required to contact. Dr. Himadri Acharya, Cell: +919401162138, e-mail: adriarya@gmail.com

The duly filled in registration form along with transaction details may be send to: Dr. Manoj Kumar Paul, Convener, NCEM-2018, Department of Chemistry, Assam University, Silchar-788011, Assam.

Payment can also be made by electronic money transfer as per following details

Name of the Bank: UCO Bank
Branch: Assam University Branch
Beneficiary: Assam University Project A/c II
Account No: 20050110035450
IFS Code: UCBA0002005

Contact Details

Dr. Manoj Kumar Paul Convener, NCEM-2018
Department of Chemistry
Assam University, Silchar-788011
E-mail: ncem.chemaus@gmail.com
Contact No.: +91-9435172576

Presentations

Multi-media projectors will be made available for oral presentation. An area of 1m x 1m will be provided for each poster presentation.

REGISTRATION FORM NATIONAL CONFERENCE ON EMERGING MATERIALS (NCEM-2018) March 20-22, 2018 Department of Chemistry Assam University, Silchar, Assam

Name:(Male/Female)

Designation:.....

Organisation:.....

Address:.....

.....

Phone:.....

E-mail:.....

Profession: Faculty/Scholars.....

Title of the presentation:.....

.....

.....

Presenting Paper (Yes/No):.....Oral/Poster

Registration Fee:.....

Transaction details:

Account Number:

Date of Transfer:

Bank Name:

Bank IFSC:

Transaction ID:

Accommodation required (Yes/No):.....

Date:

Signature

(Photocopy can be used if needed)

Host Institute

Assam University, being established in the year 1994, has now entered into 25th year of its existence. Reaching the milestone of Silver Jubilee year, it is the time to celebrate, to introspect and to plan for its future. The University is steadily becoming a major hub meeting diverse educational needs in North East India providing at the same time a platform for research in strategic and frontier areas. The Department of Chemistry, established in 1996 which offers Master and Ph.D. programmes catering to the students of North East India and also across the country. The Department is supported by UGC-SAP and DST-FIST programmes. Several sponsored research projects funded by agencies, like, DST, UGC, CSIR, DRDO, DAE, DBT etc are run by the faculties focussing on coordination chemistry, natural products, nanomaterials, synthetic organic and medicinal chemistry, liquid crystals, computational/theoretical chemistry, surface chemistry, photochemistry and spectroscopy etc. (please visit www.aus.ac.in for more information).

About Silchar

Silchar, the Headquarter of Cachar District in Southern Assam, is situated on the bank of the river, Barak. The saying goes that the bank was covered with stones that helped ships and vessels to dock and people started to refer the place as "Shiler Chor", meaning a 'bank of stones' which later became Silchar for linguistic simplification. Silchar is known for her natural beauties to time-locked history. It has to offer her visitors with many attractive tourist spots, like, Khaspur, popularly known for the Lion Gate, the Sun Gate and the age-old Kings' Temple, Bhubaneshwar Temple, Kancha Kanti Kali Temple, Maniharan Tunnel, Borail Wild Life Sanctuary. Nearby places of tourists' interest are Haflong (Hill station), Jatinga (famous for bird mystery) etc.

How to reach

Assam University is 18 km away from Silchar, Headquarter of Cachar District in Assam. The city is well-connected by all modes of transport. It is 35 km away from Silchar Airport at Kumbhirgram and 19 km from Silchar Railway Station. Taxies on reserved and sharing basis are available from Silchar Airport and Railway Station. It is about 345 km away from the Guwahati, the State Capital. Bus and Sumo (both day and night), Train and Flight services are available from Guwahati to Silchar.