

POSTERS FOR PRESENTATION

Posters should highlight

- (i) the excitement and challenges in Chemistry
- (ii) the application of Chemistry in everyday life

It should be catchy and attractive with a write up limited to six bullets.

Note: Three prizes each for best oral presentations and poster presentations will be awarded.

Address for Communication

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CONTACT PERSONS

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LOCAL CORE COMMITTEE

- 1 **Patron** :Vice-chancellor, Magadh University, Bodh Gaya
- 2 **Convener** : Prof. Haridwar Singh, Principal, A N College, Patna
- 3 **Co-convener** : Dr. Prem Mohan Mishra, MLSM College, Darbhanga
- 4 **Organizing Secretary** :Prof. Bihari Singh, Prof & Head, Dept of Chemistry, A. N. College, Patna
- 5 **Joint Organizing Secretary** : Dr Subhash Prasad Singh, Dept of Chemistry, A. N. College, Patna
- 6 **Treasurer**: Dr Rang Bahadur Singh, Dept of Chemistry, A N College, Patna

Executive Members:

1. Prof Narmadeshwar Ojha, Dept of Chemistry, A N College, Patna
2. Prof. Sheo Satya Prakash, Dept of Chemistry, A N College, Patna
3. Sri Jayant Kumar, Dept of Chemistry, A N College, Patna
4. Sri Prem Ranjan, Dept of Chemistry, A N College, Patna
5. Dr Kamal Kishor Singh, Dept of Chemistry, A N College, Patna
6. Sri D N Singh, Dept of Chemistry, B S College, Danapur
7. Dr Madan Pd Sinha, Dept of Chemistry, A N College, Patna
8. Dr Tripti Gangwar, Dept of Chemistry, A N College, Patna
9. Dr A K Nag, Dept of Chemistry, College of Commerce, Patna

A N COLLEGE, PATNA - THE ENVIRONS

Anugrah Narayan College is a constituent unit of Magadh University, Bodh Gaya situated at Boring road, Patna, the State capital of Bihar. It is having 'CPE' status accorded by UGC and Grade 'A' accredited by NAAC. It has a sprawling complex spread over 13 acres of land possessing 15 large buildings nestled in soothing greenery for academic purposes. The College has a strong in built infrastructure to accommodate the expanding academic diversification. With its large common area, Botanical gardens, Rock fountain, Buddha Park, Playgrounds, Common Rooms, Cafeteria, Reading Room and Library, this institution provides all necessary facilities to the students for all round development of their personality. It is a self-contained campus that offers an integrated living and learning experience to rural and urban community. Life at ANC is not only exciting and enjoyable, but secure and comfortable as well. The tranquil campus provides a conducive scholarly environment for students. The college is being facilitated with Wi-Fi

facility within the campus. Most of the departments have computes, audio-visual, multi-media and internet facilities to make teaching-learning process more effective.

The climate of the city during the month of October will be comfortable. Patna is well linked with all the major cities of the country by Road, Rail and Air. The venue is 3 Km away from J P N International Airport, Patna and 5 Km away from Patna Railway Station. Star, Moderate as well as Affordable accommodations are available in the city. Tourist places near Patna include Patna Saheb, Patan Devi, Maner Shariff, Vaisali, Rajgir, Pawapuri, Nalanda and Bodh Gaya which draw global attraction.

VENUE : A N COLLEGE, BORING ROAD, PATNA NATIONAL ADVISORY COMMITTEE

- Prof. R K Prasad (BRA Bihar University, Muzaffarpur) Chairman
Prof. Sudha Jain (Lucknow University), President ACT
Prof. N. Sathyamurthy (IISER, Mohali) Past President ACT
Prof. S. R. Gadre (IIT Kanpur), Past President, ACT
Prof. P. K. Sai. Prakash (Osmania Univ, Hyderabad) Past President, ACT
Prof. S. D. Samant (ICT, Mumbai)
Prof. R. K. Verma (Magadh Univ, Bodh Gaya)
Prof. Brijesh Pare (Madhav Science Collge, Ujjain)
Prof Vijay A Singh (Homi Bhabha Centre for Science Education, TIFR), Mumbai
Prof. Savita Ladage (HBCSE, TIFR, Mumbai)
Prof. M. S. M. Rawat (HNB Garhwal Univ, Srinagar- Garhwal)
Prof. K. Sudhakar Babu (S. K. Univ., Anantpur)
Prof. B. C. Goswami (Gauhati Univ., Guwahati)
Dr. Jayasree Laha (Midnapore Collge, Midnapore)
Prof Emeritus A K Banerjee (Patna University, Patna)
Prof T Sharma (BRA Bihar University, Muzaffarpur)
Prof. Lallan Singh (Patna University, Patna)
Prof. Amarnath Mishra (TM Bhagalpur University, Bhagalpur)
Prof. C Bhakta, (Patna University, Patna)
Prof. Haridwar Singh (Principal, A N College, Patna) Convener NCCT-2011

NATIONAL ORGANISING COMMITTEE

- Prof. Sudha Jain (Lucknow University), President ACT Chairman
Prof. Haridwar Singh (Principal, A N College, Patna) Convener NCCT-2011
Prof. Savita Ladage (HBCSE, TIFR, Mumbai) Convener NCCT-2010
Prof. D. V. Prabhu (Wilson College, Mumbai), General Secretary, ACT
Prof. M. A. Tandel (Wilson College, Mumbai), Treasurer, ACT
Prof. Bihari Singh (A N College, Patna)
Dr. Prem Mohan Mishra (MLSM College, Darbhanga)
Dr. Hemant Pande (Hislop College, Nagpur)
Dr. Geeta Joshi (HNB Garhwal Univ, Srinagar- Garhwal)
Prof. M. Swaminathan (Annamalai University, Annamalainagar)
Prof. D. C. Deka (Gauhati Univ., Guwahati)
Mr. Rajeev Chauhan (BSP Senior Secondary Schoo, Bhilai)
Prof. Sheo Satya Prakash (A N College, Patna)
Dr. Shradha Sinha (B B Das National Institute of Tech and Management, Lucknow)
Mr. Shailendra Jain (Shaiwi industries, Lucknow)
Dr. Meera H Uchil (Wilson College, Mumbai)
Mrs. Swapna Narvekar (HBCSE, TIFR, Mumbai)
Dr Bijay Kumar (Principal, JLC College, Chapra)

11TH NATIONAL CONVENTION OF CHEMISTRY TEACHERS (NCCT-2011)

and

National Seminar on "Emerging Trends in Green Chemistry" (October 15-17, 2011)

Concurrent Events :

The Chemistry Olympiad &

SYMPOSIUM ON APPLICATIONS OF THERMAL ANALYSIS AND CALORIMETRY (SATAC-2011)

Organized by



DEPARTMENT OF CHEMISTRY

A N COLLEGE, PATNA-800 013

(A constituent unit of Magadh University, Bodh Gaya)
Grade 'A' accredited by NAAC & 'CPE' status by UGC

&



ASSOCIATION OF CHEMISTRY TEACHERS

Theme: "Chemistry Our life, our future"

Organizing Secretary
BIHARI SINGH
(Head, Deptt. of Chemistry)
A.N. College, Patna

Convener
HARIDWAR SINGH
Principal
A.N. College, Patna

11th NATIONAL CONVENTION OF CHEMISTRY TEACHERS

(NCCT-2011)

(October 15-17, 2011)

REGISTRATION FORM

1. Name :

2. Designation :

3. Gender : Male Female

4. Institution/Office :

5. Mailing Address :

PIN.....

Tele(O)..... Tele(R)..... Mob.....

Email :

6. Want to present Paper/Poster (tick your choice)

Want to participate only

7. Title of Paper / Poster :

8. Registration fee: Amount Rs.....

Crossed DD No.....

dated..... drawn on..... (Bank)

9. Accommodation required : Yes/No

10. Arrival/Departure Information :

11. Interested in excursion / field visit on nominal Payment : Yes/No

Date : _____ Signature _____

(Photocopy of Registration Form is acceptable)

ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

The Association of Chemistry Teachers (ACT) was launched in 2000 under the name Indian Association of Chemistry Teachers (IACT) to serve as an apex national body of Chemistry educators to promote excellence in Chemistry Education. The association brings together on a common platform higher secondary school teachers, college and university lecturers, professors, scientists and researchers from industry and national laboratories for organizing subject related activities. It has its headquarters at Homi Bhabha Centre for Science Education, TIFR, Mumbai. National Convention of Chemistry Teachers (NCCT) is an important event of the ACT held annually in different parts of the country.

The main objectives of ACT are:

1. To advance Chemistry Education by means of curriculum development and innovation in teaching and evaluation methodologies.
2. To organize workshops and conferences including an Annual National Convention of Chemistry Teachers (NCCT).
3. To forge a synergistic relationship between academia, industry, and research centre for mutual benefit.
4. To explore and nurture talent in Chemistry with special reference to the Indian National and International Chemistry Olympiads.
5. To collaborate with International Science Teachers' Organization for exchange of ideas and organization of joint programmes.

The NCCT-2011 has special attraction for chemistry people in view of the celebration of the International Year of Chemistry, 2011 with UNESCO and IUPAC at the helm of the event.

National Seminar On "EMERGING TRENDS IN GREEN CHEMISTRY"

First coined by Paul Anastas of United States Environmental Protection Agency in 1991, Green Chemistry is the use of techniques and methodologies that reduce or eliminate the generation of feedstock, products, byproducts, solvents, reagents etc. that are hazardous to human health or environment. It includes the processes of High Atom Utilization, Zero Emission and Low -waste Generation. Scientists and technocrats have now realized the need for genuine and concerted efforts to correct pollution problems by the more extensive use of 'Green Chemistry Concept'. The Green Chemistry movement aims to make humanities approach to chemicals especially synthetic organic chemicals environmentally benign.

Participation in debate during seminar will certainly provide opportunity to know the kind and quantum of initiatives, encouragement and latest achievements in the field of Green chemistry in reducing the environmental impact of chemical processes and products available at local, regional, national and international level.

THE CHEMISTRY OLYMPIAD

The International Chemistry Olympiad (IChO) has proved to be a major innovation in Chemistry education and has attracted the best of the pre-university students worldwide. It is the most challenging academic competition for pre-university students and a celebration of Science by young students and their mentors.

The Indian Chemistry Olympiad programme is organized by the National Steering Committee appointed by the Department of Atomic Energy, Government of India. Homi Bhabha Centre for Science Education, Mumbai is the nodal agency for the implementation of the Science Olympiad programme in the country.

SYMPOSIUM ON APPLICATIONS OF THERMAL ANALYSIS AND CALORIMETRY (SATAC-2011)

(WORKSHOP AND EXHIBITION)

An international symposium on Applications of Thermal Analysis and calorimetry will be held during the NCCT convention. Speakers from academia, R & D laboratories and Industry will cover different aspects of theory, practice and education in thermal analysis. Interested persons may send their abstracts to Prof. Ranjit K Verma, Chairman, SATAC-2011 (profkrverma@gmail.com) Univ. Dept of Chemistry, Magadh University, Bhoj Gaya-824234 in addition to the E mail ID of the convention.

REGISTRATION ::

- Registration Fee for Delegate : ₹ 300/-
- Registration Fee for Life Member of ACT : ₹ 250/-
- Registration fee can be paid by Demand Draft in favour of **Convener, NCCT A/c, A N College, Patna** payable at **Patna**. Cash will be accepted only for on spot registration.

ACCOMMODATION ::

Accommodation for outstation participants will be arranged on their prior request only latest by 30th September, 2011. Necessary charges will have to be paid in advance on arrival at the venue of convention.

THRUST AREAS ::

1. Emergence of modern Chemistry (traditional to Modern-crude form to purified).
2. Chemistry from morning till Night
3. Chemical Fertilizers and Organic Farming: Uses and Misuses.
4. Colouring of fruits/vegetables/eatables (Sweets, Snacks, Ice-creams etc) Utility and Toxicity.
5. Natural Products as Drugs Quinine, artemisine, Taxol, Morphine, Codeine, Atropine, Colchicine, Vincristine, Ergotamine.
6. Careers in Chemistry.
7. Green Chemistry: Prospects and Challenges
8. Chemistry in Agriculture.
9. Chemistry & Environment (Global Warming, Ozone depletion, etc.)
10. Water-Management, Sanitation and Health Hazard
11. Women's contributions in Chemistry
12. Researches in chemical education
13. India's contribution in Chemistry

CALL FOR PAPERS ::

Papers are invited for Oral and Poster presentation.

SUBMISSION OF ABSTRACT ::

Two copies of abstract (250 words) in MS Word containing title, author(s) name, affiliation and complete contact address with e-mail ID along with registration form and the required registration fee should be sent on or before **30th September 2011**. Abstract of the paper will be published in the Souvenir before the event after the review.

SUBMISSION OF FULL LENGTH PAPER ::

Full Length Paper should reach to the address given below by 10th October 2011. The full length paper will be published in the proceedings after the conclusion of the event.

The soft copy of Paper / Abstract must be submitted to the e-mail ID specified.