

HIGHLIGHTS OF NCCT-2011 / NATIONAL SEMINAR

We are pleased to inform you that the Dept of Chemistry, A N College, Patna is organizing three day National Convention of Chemistry Teachers (NCCT-2011) and National Seminar on "Emerging trends in Green Chemistry" on October 15-17, 2011 in its premises. It is being organized in collaboration with Association of Chemistry Teachers, Homi Bhabha Centre for Science Education, TIFR , Mumbai. The concurrent events on the occasion are Chemistry Olympiad & Symposium on Applications of Thermal Analysis and Calorimetry (SATAC-2011). We wish to draw your kind attention towards the fact that the year 2011 is significant because of the following facts :

1. Year 2011 has officially been declared by United Nations as the International Year of Chemistry with UNESCO and IUPAC at the helm of the event to commemorate the **100th anniversary of Nobel Prize awarded to Madam Marie Curie in Chemistry.**
2. It is also declared as the International Year of Forests.
3. 2011 is the 150th birth anniversary of Sir Prafulla Chandra Ray, the founder of the Indian School of Modern Chemistry and a pioneer of Chemical Industry in India.
4. It is also the 100th anniversary of the foundation of the International Association of Chemical Societies.
5. **Year-2011 is being celebrated as 100th birth anniversary of Bihar.**

With the theme "**Chemistry- Our life, Our future**", A.N. College has resolved to celebrate the year-2011 by organizing the said Convention and the Seminar. It is important to mention that the NCCT is going to be organized for the first time in the Eastern Region of the country. A Souvenir is also proposed to be published on the occasion which will be circulated to concern persons / organizations all over India.

The Thrust areas of the Convention and Seminar are as follows;

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, Ergotaminene.
6. Careers in Chemistry.
7. Green Chemistry: Prospects and Challenges

8. Chemistry in Agriculture.
9. Chemistry and 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

Over 350 Teachers / Scientists / Technocrats are expected to participate in the Convention and the Seminar from all over the country and abroad.

It is indeed a matter of pride for all of us that International Union of Pure & Applied Chemistry (IUPAC) and UNESCO approved and recognized our activities as an Official Activity of International Year of Chemistry (IYC-2011).

The credit of arranging such a mega event goes to the faculty members of the Dept of Chemistry of the college for taking initiative to arrange the same by generating resources. Special thanks are due to the management of DPS (Sr Section), Danapur Cantt, Patna for assisting and organizing the programme on 16th October 2011 at its centre. To name a few in the series of Institutions and Persons for providing financial assistance, I must extend my sincere thanks to Sri D N Singh, Head Dept of Chemistry, B S College, Danapur, HBCSE, BARC and Bihar Council of Science and Technology.

The purpose of publication of the souvenir is to present an abridged kaleidoscopic view of the various activities to be undertaken during NCCT-2011 and National Seminar on "Emerging Trends in Green Chemistry".

Principal