**NATIONAL**



COLLEGE

LOGO

**SYMPOSIUM**

**ON**

**CHEMISTRY AND THE ENVIRONMENT**

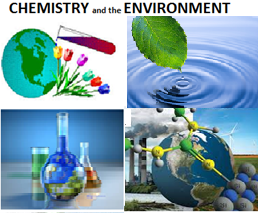
**(CE – 2016)**

**AND**

**NATIONAL CONVENTION OF CHEMISTRY TEACHERS**

**(NCCT-2016)**

***October 21 – 23, 2016***



**THEME OF THE SYMPOSIUM**

Chemistry is a branch of science that is rapidly developing. It influences the society a great deal; it is applied in food and pharmaceuticals, dyes and paints, clothing and footwear, in fact in every walks of life. It is also associated with the life processes and with the environment surrounding us. Advanced analytical techniques, improved industrial methods are introduced from time to time to cope with the growing demands of civilization and also to solve newer problems created mostly out of human activities. It is necessary to motivate the students about this subject and acquaint them with its vibrant dimensions. One of the mandate of Association of Chemistry Teachers (ACT) is make sustained efforts towards improving the quality of Chemistry education in the country and to enhance awareness about the prospects and job opportunities in the area of chemistry, particularly among the educated youth .

**THURST AREAS**

* Chemistry and the environment - Eco-friendly techniques and methods applied in pharmaceutical and other chemical industries (food, dyes and paints, etc.); Macromolecules (dendrimers, polymers, etc.)
* Organic Chemistry - Natural products chemistry; Synthetic organic chemistry especially those involving the principles of green chemistry (solvent- free synthesis, use of ionic liquids, etc.)
* Organometallics and coordination chemistry
* Nanotechnology– its applications and the underlying

chemical principles

* Chemical bonding and structure of molecules

Organized

by

**Department of Chemistry, Raja N. L. Khan Women’s College, Midnapore – 721 101**

In collaboration with

**Association of Chemistry Teachers**

**E-mail – rnlkcollege@gmail.com**

*http://www.associationofchemistryteachers.org*

* Computational chemistry
* Innovative efforts for teaching and learning of chemistry undergraduate/postgraduate level
* Novel and innovative Chemical demonstrations/ experiments / experiments emphasizing green practices and sensitizing about environments
* Learning difficulties about teaching fundamental concepts in chemistry

**MIDNAPORE - A HISTORICAL PLACE**

There are a number of prehistoric sites of great interest. The most significant archaeological site in the region is the bustling port of [Tamralipta](https://en.wikipedia.org/wiki/Tamralipta) near present-day [Tamluk](https://en.wikipedia.org/wiki/Tamluk), a site noted in the travelogues of [Faxian](https://en.wikipedia.org/wiki/Faxian) and [Xuanzang](https://en.wikipedia.org/wiki/Xuanzang). Later [Chaitanya](https://en.wikipedia.org/wiki/Chaitanya) passed through the area on his way from [Puri](https://en.wikipedia.org/wiki/Puri) to [Varanasi](https://en.wikipedia.org/wiki/Varanasi). One new archeological site is excavated at Moghulmari near Dantan. Midnapore is notable for its contribution in the history of Indian freedom movement. Notably, three British District Magistrates were assassinated in succession by several revolutionaries [Khudiram Bose](https://en.wikipedia.org/wiki/Khudiram_Bose) and Satyendranath Basu were some of the young men that laid down their lives for the freedom of India. *Raja Narendra Lal Khan, ruler of Narajole, who donated his palace for Midnapore's first college for women, had been implicated, (although it turned out to be false) for planting a bomb*.

**RAJA N L KHAN WOMEN’S COLLEGE**

Also known as Gope College it is housed in the Gope palace. The palace bears the footsteps of many great freedom fighters and has been visited by stalwarts like Mahatma Gandhi, Pandit Jawaharlal Nehru, Netaji Subhas Ch. Bose and Smt. Indira Gandhi. It was Rani Anjali Khan and Dr. Bidhan Ch Roy, the then Chief minister of West Bengal who took initiative to start a college in this palace in 1957, the first women’s college in the then undivided district of Midnapore. Dr. B. C. Roy dreamt of establishing Women's University in this place. Though we are yet to fulfill his dream, the State Govt., Central Govt. and UGC have extended several facilities to the students and the College has played a significant role in empowerment of women in this district.

* NAAC reaccredited 'A' grade & Govt. sponsored College is also recognized as Centre for Potential for Excellence by UGC. DBT Star College and also
* College is a funded by UGC (CPE), DST (FIST), Govt. of India. This institution is affiliated to Vidyasagar University.

**ASSOCIATION OF CHEMISTRY TEACHERS**

The association of Chemistry Teachers (ACT) was launched in 2000 to serve as an apex National body of Chemistry educators to promote excellence in Chemistry Education. ACT brings together teaching community on a common platform from Higher Secondary schools, colleges, Universities, research organizations of National Labs and industries for organizing subject related activities. Since its inception, ACT has worked tirelessly to strengthen Chemistry Education in India and to motivate students to pursue chemistry as career.

**The objectives of ACT:**

* To advance Chemistry Education by means of curriculum development and innovation in teaching and evaluation methodologies.
* To organize workshops and conferences including the Annual National convention of Chemistry Teachers (NCCT) in different regions of the country.
* To forge a synergistic relationship among academia, industry and research centers for mutual benefit.
* To explore and nurture the talent in chemistry with special reference to National and International Chemistry Olympiads and
* To collaborate with International Science Teachers Organizations for exchange of ideas and organization of joint programs.

The activities are organized through zonal councils with the headquarters in Mumbai. The Annual Convention comprises invited talks by eminent experts, demonstration of new interesting experiments and presentation by teacher participants. Apart from several regional level conferences and symposia, workshops are also held for the benefit of postgraduate students and research students. Competitions are regularly organized for school students and prizes are given to the winners. The ACT plays a pivotal role in the organization of National Standard Examination in Chemistry (NSEC) which is the first stage examination leading to participation in the National and International Chemistry Olympiad.

**Awards by ACT**

* Shri Anupam Sinha Best Chemistry Teacher Award
* Best Woman Chemistry Teacher Award
* Dr Uma Sai Prakash Chemistry popularization Award
* Prof Lallan Singh Award for Best PG Chemistry Teacher
* Prof P R Singh Award for Outstanding contribution to Chemistry Education
* Life Time Achievement Award to honour a superannuated teacher in recognition of his/her distinguished services to Chemistry teaching and Research.

**SUBMISSION OF ABSTRACTS**

The abstract (in MS word, Arial font ) of not more than 250 words and should include

* **Title**  - Size 14 points ( in single spacing)
* **Affiliation** – Size 12 points
* **Address with E**-**mail –** Size10 points
* **Author(s)** – Size 12 points
* **Abstract** – Size 12 points (in single spacing)

Abstract should be submitted through **Template** given in the website http: //www.rnlkwc.org (e-mail: [**rnlkcollege@gmail.com /**](mailto:rnlkcollege@gmail.com%20/)[**sudhirpal08@gmail.com**](mailto:sudhirpal08@gmail.com)). One hard copy of the abstract must accompany the registration form along with the registration fee. The abstract of only the **registered candidates** will be considered for **oral / poster** presentation.

Notice of acceptance, after proper review, will be intimated only by e-mail.

**IMPORTANT DATES**

* Last date of submission of registration forms along with the registration fee:

1**0th September, 2016**

* Last date of submission of abstract:

**16th September, 2016**

* Notification of Acceptance of Abstract:

**25th September, 2016**

**IMPORTANT INFORMATION**

* All the delegates are requested to arrange the cost of their participation from the respective institution or on their own. The organizers are not in a position to pay TA/DA to the delegates.
* Excursions to some tourist places may be organized on payment basis if sufficient number of persons show interest.

**ORAL PRESENTATION**

* Fifteen minutes time will be given to each speaker
* Presentation is to be made in MS Power Point and to be brought on a CD/USB memory stick
* Standard audio Visual equipment will be provided.

**POSTER PRESENTATION**

* 1 x 1 meter space will be given for each poster
* Pins and Stand/Board will be provided by the organizers
* Posters should be legible for a view from a distance of 4 feet

**AWARDS**

* **Three best oral** presentations
* **Three best poster** presentations

**REGISTRATION FEE\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Category of Participant** | **Reg. up to 16th Sept.** | **with late fee up to 10th Oct.** | **Spot Registr.** |
| ACT members | 1200/- | 1400/- | 1500/- |
| Non Act members | 1500/- | 1700/- | 2000/- |
| Research Scholars | 800/- | 1000/- | 1200/- |
| Students | 500/- | 700/- | 1000/- |
| Industry/Corporate persons | 3000/- | 3500/- | 4000/- |

**\***The fee includes Delegate Kit, Seminar proceedings,

Breakfast, Lunch, Dinner and High Tea

**Payment of the Fee:**

**ACCOMMODATION**

Accommodation can be arranged on payment basis and are available in the following Guest house. Please inform us your choice of preference within one month.

**Technology Guest House (IIT-Kharagpur)**

|  |  |  |
| --- | --- | --- |
| Type of accommodation | Room rent | Conveyance Charge |
| Double Bedded on sharing basis (per person / per day) | 600 | 200 |
| Single Occupancy in a Double Bedded room | 800 | 200 |

**Visreswaraya Guest House (IIT-Kharagpur)**

|  |  |  |
| --- | --- | --- |
| Type of accommodation | Room rent | Conveyance Charge |
| Double Bedded (A/C) on sharing basis (per person / per day) | 200 | 200 |
| Single Occupancy(A/C) in a Double Bedded room | 300 | 200 |
| Double Bedded (Non A/C) | 200 | 200 |

**At VU Guest House Vidyasagar University -- Rs. 500/- per day**

Besides these, Hotels and Lodges are available in Midnapore town (1 KM from the college)

**VENUE and DATE**

Department of Chemistry, Raja N L Khan Women’s College, Midnapore, Paschim Medinipur, WB

October 21 – 23, 2016

**Route Direction –** College campus located a distance of 2 K.m. from Midnapore Railway Station and 14 K.m. from Kharagpur Railway Station (SE Rail) of West Bengal.

**Sightseeing for those who are interested -**

**Bishnupur Jayrambati Kamarpukur**

***The Registration fee can be paid by Demand draft drawn in favour of the ‘Principal, Raja N L Khan College’ payable at Midnapore***

***or***

**Through Bank transfer at UCO Bank, VU Branch**

**A/c No.** 431020100000202

**IFSC Code** BKID0004310

**MICR Code** 721013302

**Digha Sankarpur Mandarmani**

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Dr. Mrinal Kanti Paira, Deptt. of Chemistry, Raja N. L. Khan Women’s College – Co-Convenor

(The consent of a few more is awaited)

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Dr. Kaushik Das, Dept. of Nutrition, Raja N. L. Khan Women’s College, Treasurer.

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