

## REGISTRATION FORM

### NATIONAL SYMPOSIUM ON CHEMISTRY AND THE ENVIRONMENT (CE – 2016) AND NATIONAL CONVENTION OF CHEMISTRY TEACHERS (NCCT-2016) October 21 – 23, 2016

Name (In BLOCK LETTERS)-----

Address : Residence -----

City -----Pin-----State-----

Name & Address of the Institute -----

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City -----Pin-----State-----

Gender : Male  Female

Telephone (Off.) -----Res.-----

Mob.:-----e-mail:-----

Title of Abstract (In BLOCK LETTERS)-----

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Thurst Area :-----

Session (Tick one) : Oral  Poster  Participation

Accommodation Required : Yes  No

From ----- to ----- Total no of days -----

Food habit: Veg  Non-veg

Registration fee detail :-----

Type of participant : ACT Member  Non ACT Member

Student / Research Scholars  Industry/Persons / Corporate Persons

Amount of registration and accommodation (if any)-----

DD for ₹----- (in words ₹-----)

DD No. ----- Dated -----

Drawn on ----- (Bank) payable at -----

UCO bank,Vidyasagar University , Midnapur -721102 in favour of -----

"CHEMISTRY SEMINAR" RAJA NL KHAN WOMEN'S COLLEGE,

Midnapur , Pin-721102, A/C No. - 17480110064511 , IFSC Code - UCBA0001748 , MCIR Code - 721028303, Send to :

**Dr. Koushik Das,Treasurer ,CE-2016&NCCT-2016,**

**Raja N L Khan Women's College ,Midnapore,Dist-**

**Paschim Medinipur, West Bengal, Pin -721102**

**Mob.:9932241708,E-mail:**

**koushikphysiology@yahoo.com**

## NATIONAL ORGANIZING COMMITTEE

Dr. Jayasree Laha, Principal & Convener, CE-2016 & NCCT-2016  
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Dr. M.A. Tandel, Treasurer, ACT, Wilson College, Mumbai  
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Dr. Sudhir C. Pal, (Retired), Dept. of Chemistry, Midnapore College, Midnapore – Organising Secretary  
Dr. Dilip Kr. Nandi, Dept. of Physiology, Raja N. L. Khan Women's College, Organising Secretary  
Dr. Kaushik Das, Dept. of Nutrition, Raja N. L. Khan Women's College, Treasurer.

## LOCAL ORGANIZING COMMITTEE

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Dr. Sudipta Dolai, Head, Deptt. of Chemistry & Chemical Technology, Vidyasagar University  
Dr. Sumita Roy, Deptt. of Chemistry & Chemical Technology, Vidyasagar University  
Dr. Subal Chandra Manna, Deptt. of Chemistry & Chemical Technology, Vidyasagar University  
Dr. Nirmal K Hazra, Head, Deptt. of Chemistry, Egra S. S. B. College, Purba Medinipur  
Dr. Anup K Dasmahapatra, Head, Deptt. of Chemistry, Midnapore College  
Dr. Nilkamal Maiti, Deptt. of Chemistry, Midnapore College  
Dr. Koushik Chandra, Deptt. of Chemistry, Midnapore College  
Dr. Gobinda P Sahoo, Deptt. of Chemistry, Midnapore College  
Dr. Umasankar Senapati, Deptt. of Chemistry, Belda College  
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Dr. Samrajnee Dutta, Deptt. of Chemistry, Jhargram Raj College  
Dr. Shaishab Dhinda, Deptt. of Chemistry, Jhargram Raj College

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Dr. Dipankar Das, Head, Analytical, R&D, Indian Immunologicals Ltd, Hyderabad  
Dr. Pranab Haldar, Dr Reddy's lab., Hyderabad  
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Dr. Aloke Goswami, India Glycols Ltd.  
Mr. Debabrata Sarkar, Entrepreneur, Integrated Chemical Industries, Kharagpur, W.B.  
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Dr. Sukla Chakladar, Deptt. of Chemistry, Raja N. L. Khan Women's College – Co-Convener  
Dr. Mrinal Kanti Paira, Deptt. of Chemistry, Raja N. L. Khan Women's College – Co-Convener  
(The consent of a few more is awaited)

## COMMITTEES

**PATRON**  
**Prof. Ranjan Chakrabarti,**  
Vice Chancellor, Vidyasagar University, Midnapore  
**Prof. Kalipada Pahan,**  
Rush Univ. Medical Center, Chicago, USA  
**Dr. Nikhil K. Basu**  
National Inst. of Health, Bethesda, USA  
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**Treasurer**  
In-Charge, Nutrition Department  
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Seminar brochure and other details  
available in college website: [www.rnlkwc.org](http://www.rnlkwc.org)



**NATIONAL  
SYMPOSIUM  
ON  
CHEMISTRY AND THE ENVIRONMENT  
(CE – 2016)  
AND  
NATIONAL CONVENTION OF CHEMISTRY  
TEACHERS  
(NCCT-2016)  
October 21 – 23, 2016**



## CHEMISTRY and the ENVIRONMENT



### VENUE and DATE

Department of Chemistry,  
Raja N L Khan Women's College,  
Midnapore, Paschim Medinipur, West Bengal  
October 21 – 23, 2016

### Organized by

Department of Chemistry  
Raja N. L. Khan Women's College  
Midnapore, Dist-Paschim Medinipur,  
West Bengal, Pin – 721 102

E-mail – [seminarchemistryee@gmail.com](mailto:seminarchemistryee@gmail.com)

### In collaboration with

Association of Chemistry Teachers  
<http://www.associationofchemistryteachers.org>

## THEME OF THE SYMPOSIUM

Chemistry is a branch of science that is rapidly developing. It influences society a great deal; it is applied in food and pharmaceuticals, dyes and paints, clothing and footwear, in fact in all walks of life. It is also associated with the life processes and with the environment surrounding us. Advanced analytical techniques and 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 to 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.

## THURSTAREAS

Chemistry and the environment - Eco-friendly technique and methods applied in pharmaceutical and other chemical industries (food, dyes and paints, etc.); Macromolecules (dendrimers, polymers, etc.)

Organic Chemistry-Natural products chemistry Syntheticorganic 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

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

bustling port of **Tamralipta** near present-day **Tamluk**, a site noted in the travelogues of **Faxian** and **Xuanzang**. Later **Chaitanya** passed through the area on his way from **Puri** to **Varanasi**. One new archeological site is being excavated at **Moghulmari** near **Dantan**, which was the site of huge Buddhist vihar **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** and **Satyendranath Basu** were some of the young men who 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. It is a **Govt.** sponsored College and is affiliated to **Vidyasagar University**. It has been reaccredited with **A** grade by **NAAC**. It is also recognized as **Centre for Potential for Excellence** by **UGC**. The College is funded by **UGC (CPE & BSR)** and **DST (FIST)**, **Govt. of India**. It is also a **DBT-STAR** College.

## 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. 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 - Size 10 points
- Author(s) - Size 12 points
- Abstract - Size 12 points (in single spacing)

Abstract should be submitted as above guideline to e-mail: [seminarchemistryce@gmail.com](mailto:seminarchemistryce@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: **10<sup>th</sup> September, 2016**
- Last date of submission of abstract: **16<sup>th</sup> September, 2016**
- Notification of Acceptance of Abstract: **25<sup>th</sup> 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 organised on payment basis if sufficient number of persons show interest.

### ORAL PRESENTATION

- Twenty 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

- 1X1 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.

**Route Direction** - College campus located at distance of **2 K.m.** from **Midnapore Railway Station** and **14 K.m.** from **Kharagpur Railway Station (SE Railway)**.

### Sightseeing for those who are interested



### 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 Vidyasagar University Guest House

#### Rs. 500/- per day

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

### REGISTRATION FEE\*

Category of Participant	Reg. up to 16 <sup>th</sup> Sept.	With late fee upto 10 <sup>th</sup> 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.

The Registration fee can be paid by Demand draft drawn in favour of the "CHEMISTRY SEMINAR" RAJA NL KHAN WOMEN'S COLLEGE, Midnapore , Pin-721102. Payable at UCO Bank, Vidyasagar University Branch, Midnapore-721102.

Or  
Through NEFT/RTGS to: UCO Bank, Vidyasagar University Branch, Midnapore-721102. A/C Name-CHEMISTRY SEMINAR" RAJA NL KHAN WOMEN'S COLLEGE A/C No. - 17480110064511 , IFSC Code - UCRA0001748 , MICR Code - 721028303.