



Green Chemistry
Network Centre



ACS
Workshop
on

**Greening our Education System:
Initiatives for Propagating and
Preaching Beyond Benign Concepts
in Classrooms and Laboratories**

December 19-20, 2019



Venue:
Conference Centre,
University of Delhi, Delhi

Organized by:

ACS International Student Chapter,
University of Delhi, India,

Green Chemistry Network Centre,
University of Delhi

&

Hindu College,
University of Delhi

About the Workshop

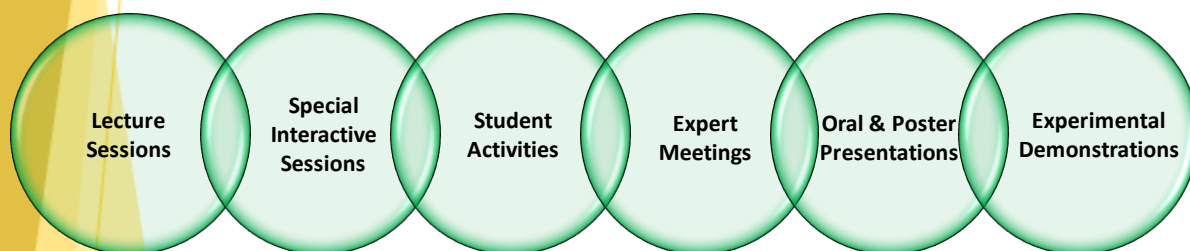
Undeniably, chemistry has been at the core of nearly all human activities contributing significantly towards economic development and creation of new strategies to achieve a sustainable future. However, unfortunately chemistry has often been associated with disheartening environmental impacts leading to poor quality life for many. With the advent of green chemistry, the traditional processes and practices have been revisited for societal needs and there has been an increasing trend towards utilization of resources sustainably. It is believed that if the still-nascent field of green chemistry is going to have the impact required to allow chemists to play their central role in designing a safer, healthier, and more sustainable world, we must teach the next generation of scientists and educate citizens the fundamental framework of green chemistry. This workshop aims to promote 'chemistry education that inspires chemists to solve the grand challenges of sustainability'.

Workshop Objectives:

Through this workshop, we intend to bring together teachers, professors, especially young budding researchers and students from different schools, colleges and universities with international experts in one common forum with the following aims and objectives:

- ❖ To recognize and emphasize the need to develop a curriculum that enable educators to utilize activities relevant to local contexts and the knowledge of students, analyze the existing green initiatives being taken and identifying the barriers towards wide-scale adoption and discussing possible "Beyond Benign" strategies to help spread a practical green chemistry education in India.
- ❖ To mentor students and early-career researchers by leading scientists in green and sustainable chemistry.
- ❖ The workshop will challenge researchers to transcend traditional scientific boundaries so that they become more aware of interdisciplinary needs that can translate to global needs.

Workshop Highlights:



Inaugural Speaker
Dr. Mary Kirchhoff
Director,
American Chemical Society
Green Chemistry Institute

Convenor
Prof. R. K. Sharma
Faculty Advisor,
ACS International Student Chapter
University of Delhi



Co-Convenor
Dr. Anju Srivastava
Principal,
Hindu College
University of Delhi



About ACS International Student Chapter

ACS International Student Chapter, University of Delhi is a student chapter which aims to represent and encourage the views of young chemical scientists through its scientific or career themed outreach programs including lectures, meetings, industry visits, academic conferences and fun science activities. Spreading importance and knowledge about green chemistry is one of the major and continued focuses of the group. The activities and events planned by the chapter are aimed at bringing information to others about green chemistry and encouraging those in the academic world to adopt it into their lectures, laboratories and research. Considering the commitment and achievement in green chemistry, recently, the chapter has also been recognized with Green Chemistry Award.

About GCNC

Green Chemistry Network Centre (GCNC) was established in the Department of Chemistry, University of Delhi under the recommendation of World Leaders in Green Chemistry headed by Professor Paul Anastas (known as the father of Green Chemistry) with the following aims and objectives:

- ❖ Build a Network for exchange of expertise, discussion and knowledge between industrialists and academics and between chemists and engineers with interests and expertise relevant to Green Chemistry.
- ❖ Prepare and disseminate the teaching materials on Green Chemistry for school, college and university levels, with the simultaneous design of laboratory experiments for these levels as well.
- ❖ Design trainings not just to expose the chemists to the concepts, principles and methodologies of Green Chemistry but also to empower them to bring this new knowledge back to their institution or industries.
- ❖ Promoting research by taking up Green Chemistry Research Projects from Industry and Government agencies.

About Hindu College

Hindu College started with a humble beginning in 1899, since then it has seen an enviable growth over the years. After receiving A⁺ grade in NAAC accreditation, the college has been awarded recently 2nd rank in all India 'National Institutional Ranking Framework (NIRF)' 2019. Currently, it is not only one of the most distinguished co-educational institutions of our country, but, is also the college of first choice in Delhi. It aims to deliver a perfect platform for academics, management, sports, ethics and politics. Chemistry Department of Hindu College is one of the prestigious departments in the University. It has always helped enhance its ever growing stature by providing meritorious students and well groomed citizens. It is actively engaged with GCNC in the popularization of Green Chemistry by jointly organizing workshops, seminars, training programs and conferences. The latest being an extremely successful National Conference on Recent Trends in Chemical Sciences held on August 30-31, 2019. The college has been the first in University to conduct add-on course on Green Chemistry that brought a lot of excitement amongst the young students and was eventually integrated with the main stream course in chemistry. The success of the course is attributed to its design that was framed by Prof. John C. Warner himself.

Registration Details

This workshop will include oral and poster presentations. Registration and abstract submission forms are available on workshop official website, <http://greenchem.du.ac.in>. Interested candidates may submit their abstracts through email to gcnc.chem.du@gmail.com on or before **10th December 2019**.

Who Can Apply:

School students, undergraduates, postgraduates, research scholars, academicians, and industrialists are eligible to participate.

Registration Fee:

Applicants are required to pay INR 1000 as registration fee (non-refundable) *via* electronic transfer or demand draft.

Account number: 10851299686

Name of the account: Green Chemistry Network Centre

Bank: State Bank of India

City: New Delhi

Country: India

IFSC Code: SBIN0001067



Green Chemistry Award



International ACS Student Chapter, University of Delhi: Highlights



Patron

Prof. Ramesh Chandra
Head, Department of Chemistry, University of Delhi

Convenors

Prof. R. K. Sharma
Faculty advisor
ACS International Student Chapter
University of Delhi

Dr. Anju Srivastava
Principal
Hindu College
University of Delhi

Organizing Secretary


Dr. Manavi Yadav
Former Chair
ACS International Student Chapter, University of Delhi

Organizing Committee Members

Dr. Rashmi Gaur
Dr. Sriparna Dutta
Ms. Radhika Gupta
Ms. Gunjan Arora
Ms. Aditi Sharma
Ms. Sneha Yadav
Ms. Pooja Rana
Ms. Priya Yadav

Chair, ACS International Student Chapter, University of Delhi
Secretary, ACS International Student Chapter, University of Delhi
Vice Chair, ACS International Student Chapter, University of Delhi
Treasurer, ACS International Student Chapter, University of Delhi
Member, ACS International Student Chapter, University of Delhi
Member, ACS International Student Chapter, University of Delhi
Member, ACS International Student Chapter, University of Delhi
Member, ACS International Student Chapter, University of Delhi

 gnc.chem.du@gmail.com  <http://greenchem.du.ac.in/>

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