

International Conference  
On  
**Advancing Green  
Chemistry: Building  
a Sustainable  
Tomorrow**

3-4 October 2017  
University Conference Centre,  
University of Delhi

Organized by:  
Green Chemistry Network Centre,  
Department of Chemistry,  
University of Delhi  
&  
Hindu College,  
University of Delhi

Sponsored by:  
American Chemical Society  
&

Science and Engineering Research Board  
Department of Science & Technology

John Warner's insight on Green Chemistry: Founder's perspective



-  Plenary Lecture by  
**Dr. John C. Warner**
-  Networking Opportunities  
with Scientists &  
Industrialists
-  Inauguration of  
International ACS  
Student Chapter
-  Awards for Poster and  
Oral Presentations



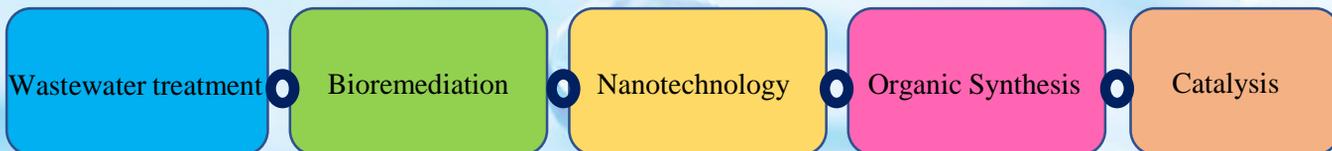
## About the event

Population growth is imposing an increasing burden on the earth's limited and continually degrading natural resources. Consequently, the development of new and sustainable processes is highly desirable to combat further environmental deterioration. Green Chemistry is one such tool that deals with pollution prevention by designing safe reaction pathways and substitution of high risk chemicals with less hazardous alternatives. It is also associated with waste prevention and management, catalysis and toxicology that help in building our environment benign and sustainable for the foreseeable future.

Over the years, the American Chemical Society (ACS) has received special recognition from the wider community around the world through a series of workshops, programs and promoting high impact scientific research. International ACS student chapter, a foundation of American Chemical Society, is a student chemical society which tends to provide meaningful opportunities for the development of young chemical scientists through its scientific or career themed outreach programs including lectures, meetings, industry visits, academic conferences and fun science activities.

This conference aims to initiate conversations on deep environmental issues by creating an interdisciplinary platform to share new information, advances and outlook in Green Chemistry to answer current and future prospects. It offers a unique opportunity to meet educators, scholars, eminent scientists and various segments of industries to exchange knowledge and ideas to ponder upon of the solutions provided by green chemistry techniques for the global issues. The conference also includes prompt keynote lectures, oral talks, and poster presentations.

The conference has been divided into following thematic tracks:



## Objectives

- Encouraging exchange of ideas and establishing inter-disciplinary linkages among researchers, practitioners, scientists and industry professionals and to promote cleaner chemistry across the world.
- Promoting the potentials of green chemistry for sustainable development.
- Exploring areas of collaborative endeavours and research by the academic community.
- Providing ideal opportunity to share latest cutting-edge research findings to the international community through oral and poster presentations.
- Inspiring young minds towards sustainable ventures that positively impact society and future research.

It gives us immense pleasure to cordially invite you to attend International Conference on “**Advancing Green Chemistry: Building a Sustainable Tomorrow**” to be held at **University of Delhi** on **3-4 October 2017**.

### **About 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 knowledge between industrialists & academics and between chemists & 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 categories.
- 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 novel 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. 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. Complementing the Department's academic excellence is the Chemistry society of Hindu College, popularly known as TATVA. With a clan of devoted educators and spirited students, the society has always striven to live up to its motto of 'The Bond of Togetherness'.

The faculty members are well qualified, who besides teaching, have also been pursuing research.

## **About the Speakers**

### **Dr. John C. Warner**

Dr. Warner is one of the founders of Green Chemistry. He co-authored the seminal book "Green Chemistry: Theory and Practice", which first described the 'Twelve Principles of Green Chemistry'. He is the President, Chief Technology Officer and Chairman of the Board of the Warner Babcock Institute for Green Chemistry, which he founded with Jim Babcock in 2007. He has published nearly 300 patents, papers and books. Dr. Warner was honoured with the 2004 Presidential Award for Excellence in Science Mentoring, the American Institute of Chemistry's Northeast Division's Distinguished Chemist of the Year for 2002 and the Council of Science Society President's 2008 Leadership award. In 2011, he was elected as a Fellow of the American Chemical Society and named one of "25 Visionaries Changing the World" by Utne Reader.

### **Dr. David Constable**

David Constable has been the Science Director of the American Chemical Society Green Chemistry Institute. From September 2011 to January 2013, Dr. Constable was owner and principal at Sustainability Foresights, LLC, a consulting firm that assisted companies with sustainability; sustainable and green chemistry; energy; and environment, safety, and health (ESH) programs. His previous positions included VP of Environment, Safety & Health at Lockheed Martin and Director of Operational Sustainability at GlaxoSmithKline. He earned his bachelor from Slippery Rock University and Ph.D. from the University of Connecticut. He has been serving as a staff liaison to the ACS GCI Governing Board since 2013.

## Oral presentation

The conference will comprise of oral presentations. The time limit for oral presentation will be **10 minutes**. The best presentation will be selected by a three-member panel of judges, and the selected presenters will be awarded. Interested candidates may submit their abstracts through email to [gcnc.chem.du@gmail.com](mailto:gcnc.chem.du@gmail.com)

## Poster presentation

The conference will also have poster presentation session. The standard poster dimensions are **48X36**. The best posters will be selected by a three-member panel of judges, and the selected presenters will be awarded. Interested candidates may submit their abstracts through email to [gcnc.chem.du@gmail.com](mailto:gcnc.chem.du@gmail.com)

## Deadlines

Submission of abstract (oral and poster) may be made latest by **24<sup>th</sup> September 2017**.

## Registration

Registration Fee (non-refundable): Applicants are required to pay the registration fee *via* demand draft drawn in favor of Green Chemistry Network Centre payable at Delhi or *via* electronic transfer.

Registration Fee	Up to 24 <sup>th</sup> September 2017	On Spot
Students	2500	3000
Academicians	3000	3500
Industries	5000	6000

Electronic transfer details

Account number: 10851299686

Name of the account: Green Chemistry Network Centre

Bank: State Bank of India

City: New Delhi

Country: India

IFSC Code: SBIN0001067

### Chairman

**Professor Ramesh Chandra**  
Head, Department of Chemistry,  
University of Delhi

### Co-Chairs

**Professor R. K. Sharma**  
Co-ordinator,  
Green Chemistry Network Centre,  
Department of Chemistry, University of Delhi  
[rksharmagreenchem@hotmail.com](mailto:rksharmagreenchem@hotmail.com)

&

**Dr. Anju Srivastava**  
Principal, Hindu College,  
University of Delhi

### Convener

**Dr. Reena Jain**  
Associate Professor, Hindu College

### Organizing Secretaries

**Dr. Devanshi Magoo** Hindu College  
**Dr. Manavi Yadav** GCNC, DU

### Organizing Committee Members

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Prof. A. K. Verma	Department of Chemistry
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Dr. Dinesh Kumar	Hindu College
Ms. Manisha Chawla	Hindu College

Registration form and abstract submission form will be available on conference official website (<http://greenchem.du.ac.in>) for download.

Please direct your questions regarding the conference to [gcnc.chem.du@gmail.com](mailto:gcnc.chem.du@gmail.com)