



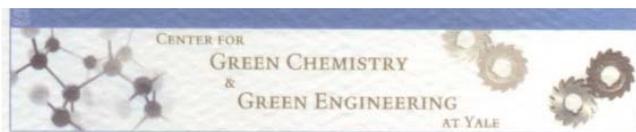
# INDO-US TRAINING WORKSHOP ON GREEN CHEMISTRY



7-9 January, 2008

Delhi

Sponsored By



Indo-US Science & Technology Forum

Center for Green Chemistry & Green Engineering at Yale  
<http://www.greenchemistry.yale.edu>

[www.chemistry.org/greenchemistryinstitute](http://www.chemistry.org/greenchemistryinstitute)

<http://www.indoussf.org>

The area of Green Chemistry has been introduced as a way of using basic science and engineering to address environmental issues in an economically profitable manner. Since its introduction in the early part of the 1990s, by Prof. Paul T Anastas (known as Father of Green Chemistry), there has been significant and dramatic evidence to support the claim that Green Chemistry is an important area for science and technology to pursue for the benefit of the environment, industry and the general public.

### Specific goals of this Indo-US Training Workshop :

- Building a Green Chemistry educational capacity in India by ‘training the trainers’.
- Provide necessary foundation for establishing an on-going initiative on green chemistry into country’s educational system.
- Focus on real-world applications of Green Chemistry and how to build industry-university-government partnerships.
- Achieve a mutual familiarity with the basic principles of Green Chemistry.
- Identify areas where scientific collaboration between US and Indian scientists can take place on Green Chemistry for sustainability ranging from fundamental research to real-world application.
- Strengthening Indo-US networking in Green Chemistry

The participants will be engaged through a series of lectures, discussions and activities by World leaders in Green Chemistry from US and internationally in the area of Green Chemistry. The contents of the sessions will include:

- ❖ Overview of the various areas of Green Chemistry.
- ❖ Human health
- ❖ Global Warming
- ❖ Renewable Energy
- ❖ Depletion of Resources
- ❖ Water Quality
- ❖ Sustainable agriculture and integrated pest management
- ❖ Toxics in the Environment
- ❖ Metals Processing
- ❖ Textile Processing Chemicals and tanning of animal hides
- ❖ Pharmaceutical manufacturing
- ❖ Real-World examples of GC Practices in Industry
- ❖ Identification of educational Approaches, materials and information sources necessary for building a Green Chemistry program. This extensive area will focus on:
  - Successful approaches to Green Chemistry education
  - Demonstration of lab experiments on GC.
  - Workbooks/ problem sets on GC

## AWARDS

We shall also be giving AWARDS to people, group and industries in order to recognize and promote their efforts in the design and implementation of the Green Chemistry technology.

Indo-US S&T Forum is providing travel support (by train) for 20 Indian students for attending this workshop.

Academic Committee will select the participants from different institutions, industries and organizations.

## APPLICATION

To apply, please send a letter of interest along with CV indicating the following:

1. Your formal educational training.
2. Your affiliation.

The application should be sent to:

**Dr. R.K. Sharma**

Coordinator, GCNC

Department of Chemistry

University of Delhi

Delhi-110007

Tel/Fax: 91-11-27666250; 65909774(Res.)

Email: [rksharma@vsnl.com](mailto:rksharma@vsnl.com) ; [rksharmagreenchem@hotmail.com](mailto:rksharmagreenchem@hotmail.com);

[rksharmagreenchem@gmail.com](mailto:rksharmagreenchem@gmail.com)

Mobile: 9958313101

Applications must be received by November30, 2007.

**Registration Fee (non refundable):** Applicants are required to pay the registration fee via demand draft drawn in favor of GCNC, payable at Delhi.

**Academia: Rs. 3000 (Foreign Participants US\$ 300);**

**Industry & Private Organizations: Rs. 6000(Foreign Participants US\$500)**

The registration fee for the participant will cover the workshop material, lunches and tea / coffee during lecture breaks on 7-9 January 2008 and a banquet dinner. The registration fee does not include accommodation charges. The participants are encouraged to make their own arrangements for stay.

## Principal Investigators:

**USA:**

**Professor Paul T. Anastas**

**Director, The Center for Green Chemistry and Green Engineering  
Yale University USA**

**India:**

**Dr. R.K. Sharma**

**Incharge International Chapter of The American Chemical Society –Green Chemistry Institute (GCI)  
[www.chemistry.org/greenchemistryinstitute](http://www.chemistry.org/greenchemistryinstitute)**

**Coordinator, Green Chemistry Network Center**

**Department of Chemistry, University of Delhi, Delhi-110007**

**Organized by**  
**Green Chemistry Network Centre**  
**University of Delhi**  
**[www.du.ac.in/greenchem](http://www.du.ac.in/greenchem)**  
**Hindu College**  
**University of Delhi**  
**&**  
**The Energy and Resources Institute**  
**Towards sustainable and efficient use of world's natural resources**



Venue: Hotel Connaught, Connaught Place, New Delhi

