



IUPAC Sponsored

*Second International Conference  
on*

**Agrochemicals Protecting Crops,  
Health and Natural Environment:  
*Role of Chemistry for Sustainable Agriculture***

**15 - 18 February 2012, New Delhi, India**

IUPAC



*Organized by*

**Indian Agricultural Research Institute  
Society for the Promotion of Sustainable Agriculture  
Indian Council of Agricultural Research**

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Dr. Arti Bhatia



## AN INVITATION

It is with pleasure that the Conference Organizing Committee invites you to attend the IUPAC sponsored **Second International Conference on “Agrochemicals Protecting Crops, Health and Natural Environment : Role of Chemistry for Sustainable Agriculture”** being organized by the Society for the Promotion of Sustainable Agriculture, Indian Agricultural Research Institute and Indian Council of Agricultural Research, New Delhi (India) in Delhi during **15 - 18, February 2012**. Registration on **14<sup>th</sup> February, 2012** will precede the welcome reception. Inauguration and scientific deliberations of the conference will start on **15<sup>th</sup> February, 2012**; each morning will feature plenary lectures, followed by parallel sessions featuring main and invited lectures as well as contributory papers and poster presentations. The official language of the conference is English. No simultaneous translation in other languages shall be available.

## THEMES OF THE CONFERENCE

- ❖ New generation synthetic and natural agrochemicals.
- ❖ Agrochemicals delivery systems towards occupational and environmental safety.
- ❖ Pesticide resistance management.
- ❖ Biotechnology and crop protection-current and future approaches.
- ❖ Organic approaches to pest management.
- ❖ Pesticide management for human safety and food security.
- ❖ Pesticide Industry: Prospects and Constraints.
- ❖ Agrochemical detection, analysis and quantification.
- ❖ Integrated Pest Management.
- ❖ Newer Approaches in Agriculture.
  - ◆ Nanotechnology and its applications in agriculture and health.
  - ◆ Use of Geomatics in farming system research.
- ❖ Agrochemicals in seed quality enhancement.
- ❖ Agrochemicals for household livelihood, security and rural development.
- ❖ Chemical fertilizers-Technologies for Improving Efficiency, Productivity and Reliability, Nutrient based subsidy policy, Customised fertilizers, etc.



## HOST ORGANIZATIONS

### The Indian Council of Agricultural Research (ICAR)



The Indian Council of Agricultural Research (ICAR) acts as a repository of information and provides consultancy on agriculture, horticulture, resource management, animal sciences, agricultural engineering, fisheries, agricultural extension, agricultural education, home science and agricultural communication. It has the mandate to coordinate agricultural research and development programmes and develop linkages at national and international level with related organisations to enhance the quality of life of the farming community. ICAR has established various research centres in order to meet the agricultural research and education needs of the country. It is actively pursuing human resource development in the field of agricultural sciences by setting up numerous agricultural universities spanning the entire country. The Technology Intervention Programmes also form an integral part of ICAR's agenda which establishes Krishi Vigyan Kendras (KVKs) responsible for training, research and demonstration of and new improved technologies.

Website: [www.icar.org.in](http://www.icar.org.in)

### The Indian Agricultural Research Institute (IARI)



The Indian Agricultural Research Institute (IARI) is the country's premier national Institute for agricultural research, education and extension. It has served the cause of science and society with distinction through first rate research, generation of appropriate technologies and development of human resources. In fact, the Green Revolution was born in the fields of IARI and its graduates constitute the core of the quality human resource in India's agricultural research and



Institute has all along been adjusting and improving its policies, plans and programmes to effectively respond to the needs and opportunities of the nation. During the fifties, the advancement of scientific disciplines constituted the core programme and provided the base for its fast expansion in the 1960's and 1970's in all its three interactive areas, namely, research, education and extension. Besides basic research, applied and commodity research gained great importance resulting in the development of several popular high yielding varieties of almost all major crops and their associated management technologies, which brought about an unprecedented increase in the national food and agricultural production.

**Website: [www.iari.res.in](http://www.iari.res.in)**

### **The Society for the Promotion of Sustainable Agriculture (SPSA)**



The Society for the Promotion of Sustainable Agriculture (SPSA) was founded in 2008. It is an academic Society devoted to all aspects of the sustainable agriculture and technology with an aim to promote the following objectives:

- ❖ To promote sustainable and equitable agriculture and rural development.
- ❖ To promote good agricultural practice.
- ❖ To promote research in the fields of agriculture and rural development.
- ❖ To promote dissemination of technology.
- ❖ To promote dissemination of information and the promotion of research including undertaking of studies, techno-economic research and to provide consultation services in the field of agriculture and rural development.
- ❖ To promote export oriented production and development of the scheduled products.
- ❖ To promote the development and commercialization of indigenous technology.



## ABSTRACT SUBMISSION

### Conference Format

The design of the conference would be such as to present the conference themes through

- ❖ **Plenary Lectures** : these would offer an overview of the ten conference themes.
- ❖ **Invited Lectures** : these would offer an insight into the various conference themes.
- ❖ **Short Lectures** : these would cover the conference themes in concise manner.
- ❖ **Contributed Papers** : presented in parallel sessions, these would elaborate the various conference themes.
- ❖ **Contributed Posters** : presented in parallel sessions, these would provide an opportunity to the participants to present their work in a more informal manner with personalized interaction with other participants.
- ❖ **Invited Pesticide Industry Lectures** : these would be directed at a diverse audience drawn from the general public and attempt to enhance public understanding of pesticides.

### Call for Abstracts

- ❖ A copy of the abstracts along with the CD should be sent to the conveners before **30<sup>th</sup> November, 2011**.
- ❖ The abstract should be typed using microsoft word underlining the name of the presenting author.

### Format for Abstract

- ❖ TITLE (14 PT BOLD, CENTERED).
- ❖ Presenting Author, Other Authors, Senior Author\* (12 Point, Normal).
- ❖ Department Name, Institute Name, Institute Address (10 Point, Normal).



- ❖ E-mail: (9 Point, Normal).
- ❖ The one-page abstract should be typed in 10 point, Times New Roman, normal font, single space.
- ❖ Use A4 size paper with margins–top: 1 inch; bottom: 1 inch; left: 1.25 inches; and right 1.25 inches.
- ❖ Cite the references in parentheses e.g. Kotha et al. [1] in the text.
- ❖ References should be typed in 9 point, normal font, and single space.
- ❖ The entire abstract including text, figures, equations, structure, schemes and reference must be sent as a MS-WORD DOC file.
- ❖ The printed area should be 5.8 inches (W) x 9.7 inches (L).

### Reference (9 point, bold)

S. Kotha, K. Lahiri and K. Durke, Tetrahedron 58, 2002, 9633. [9 point, normal).

**Important:** All abstracts should be uploaded to the conference website [www.apchne.com](http://www.apchne.com) as an MS-WORD document file.

- ❖ The last date for submitting the abstract is **30<sup>th</sup> November, 2011**.

### Presentation

- ❖ Multimedia projectors for Power Point Presentations will be available.

### Poster Presentation Instructions

- ❖ The size of a poster should not exceed 1.80 m (height) and 0.90 m (width).
- ❖ Abstracts scheduled for presentation will be grouped by topic, numbered and listed in the Final Program.

### Awards and Recognition

- ❖ IUPAC Award.  
([http://www.iupac.org/web/nt/2011-03-14\\_crop\\_protection](http://www.iupac.org/web/nt/2011-03-14_crop_protection)).
- ❖ Lifetime Achievement Award.
- ❖ Best Poster Award.



## EXHIBITION

An exhibition will be organized at the conference venue. Arrangements for exhibition space rental can be made by contacting the conveners.

### Exhibition Stall

**Size: 3m × 2m**

Charges ₹ 50,000/- White powder coated octanorm system with white laminated panels.

- ❖ Three side wall.
- ❖ One (1) Table (4 x 2 feet).
- ❖ Two (2) Chairs.
- ❖ Three (3) Spot Lights.
- ❖ One (1) Power Point 5/15 Amp.
- ❖ One (1) Dustbin.
- ❖ Name of the Organization will be written with vinyl letter.

**Size: 2m x 2m**

Charges ₹ 35,000/- White powder coated octanorm system with white laminated panels:

- ❖ Three side wall.
- ❖ One (1) Table (4 x 2 feet).
- ❖ Two (2) Chairs.
- ❖ Three (3) Spot Lights.
- ❖ One (1) Power Point 5/15 Amp.
- ❖ One (1) Dustbin.
- ❖ Name of the Organization will be written with vinyl letter.

## ADVERTISEMENT

Advertisement can be included in the Conference publications and New Year diary.





## Charges for the Advertisement

❖ Front Cover Page	₹ 50,000
❖ Back Cover page	₹ 40,000
❖ Inner page of front & Back Cover	₹ 35,000
❖ Full page insertion	₹ 20,000
❖ Half page insertion	₹ 10,000
◆ Exhibition Plan 1	
◆ Exhibition Plan 2	

## REGISTRATION

### Registration Fee Structure

#### Upto 31<sup>st</sup> October, 2011

Scientific Participants	USD 600
Industry and Private Organizations	USD 700
Accompanying persons	USD 300
Students / Younger Chemists	USD 300

#### Scientists from Developing Countries

Academia	₹ 6000
Students and Post Docs	₹ 3500
Industry and Private Organisation	₹ 9000
Accompanying persons	₹ 4000

#### After 31<sup>st</sup> October, 2011

Scientific Participants	USD 700
Industry and Private Organizations	USD 800
Accompanying persons	USD 400
Students / Younger Chemists	USD 400



### Scientists from Developing Countries

Academia	₹ 7000
Students and Post Docs	₹ 4000
Industry and Private Organisation	₹ 10000
Accompanying persons	₹ 4000

The registration fee for the participant will cover participation in all scientific sessions, the proceedings and other printed material of the meeting, welcome reception on 14<sup>th</sup> February, 2012, lunches and tea/coffee during lecture breaks th during 15-18 February, 2012.

Accompanying person(s) charges include the welcome reception and banquet dinner only. However, the lunch coupons can be purchased at the Registration desk by paying ₹ 1000 per person, per day.

### Insurance

The Organizing Committee assumes no liability for participants' personal accidents, sickness, theft or property damage. Participants are requested to make their own arrangements with respect to health and travel insurance.

### Accommodation

The registration fee does not include accommodation charges. The participants are encouraged to make their own arrangements for stay. However, participants requiring accommodation may forward the request in advance to the organizers for making arrangements on their behalf or by logging on to the conference official tours and travels on the conference website.

### Important Dates

- ❖ Early Bird discount closes **31<sup>st</sup> October, 2011**
- ❖ Abstract submission closes **30<sup>th</sup> November, 2011**
- ❖ Accommodation request closes **31<sup>st</sup> October, 2011**



## Mode of Payment

Bank Draft in favour of “**IUPAC2APCHNE (A/c No. 31716077040)**” payable at State Bank of India, Delhi. At Par Cheques payable to “**IUPAC2APCHNE (A/c No. 31716077040)**” only from within India, subject to realization. Electronic Transfer to Conference Bank Account. Please remit funds through Swift to SBININBB 378 for credit of “**IUPAC2APCHNE**” Account Number 31716077040 at State Bank of India, NSC, Beej Bhawan, New Delhi, India (Code 05389). Care must be taken to ensure that the Bank Service Charges is borne by the participant.

## ACCOMMODATION

Limited accommodation is available at the **Indian Agricultural Research Institute Guest Houses and NASC Guest House** for Indian delegates. The above guest houses are close to the conference center. However, a shuttle service can be made available upon request. The delegates interested in accommodation are requested to intimate the organisers preferably by **31<sup>st</sup> October, 2011** as limited accommodation is available.

Foreign participants are requested to book their accommodation directly with the Conference Tours & Travels Partners M/s **Neumech Events** at the Conference website.



## CONTACT US

### Correspondence

#### **Dr. N.A. Shakil**

Convener

Division of Agricultural Chemicals

IARI, New Delhi - 110 012

Mobile: +91 9818196164

Tel : +91 11 25733725 # 4663(O)

Email: iamshakil@gmail.com

#### **Dr. Jitendra Kumar**

Convener

Division of Agricultural Chemicals

IARI, New Delhi - 110 012

Mobile: +91 9868091868

Tel : +91 11 25733725 # 4652(O)

Email: jitendrakumar7@yahoo.com

**Website: [www.apchne.com](http://www.apchne.com)**

**Email: [iupac2apchne@gmail.com](mailto:iupac2apchne@gmail.com)**

### Official Travel Agent

#### **Neumech Events**

908, Chiranjiv Tower - 43,

Nehru Place, New Delhi -110019

Tel : +91-11-6569 8950 / 2453 1364

Fax: +91-11 2644 7478

Mobile: +91-97172 98175 / 97172 98178

Email: desk@conferenceindia.org

Website: [www.conferenceindia.org](http://www.conferenceindia.org)

### Event Managed By

#### **Mr. Ashish Gupta**

Interactive Conferences and Exhibitions

WZ-72 Todapur Main Market,

Near NASC Complex (PUSA),

New Delhi - 110 012, India

Mobile: +91-9810233124 / 9958753305

Email: interdelhi@gmail.com



## GENERAL INFORMATION

**VISA:** A valid VISA is necessary for all overseas delegates and all delegates are requested to apply at least 6 to 8 weeks before the proposed date of departure. For China and SAARC countries a permission authorization will be sent to the respective Indian consulate office in their country, however the individual delegate is required to apply for Indian visa, well in advance. Please consult your travel agency or nearest Indian Embassy/Consulate office.

**“IUPAC sponsorship implies that entry visas will be granted to all bonafide chemists provided application is made not less than three months in advance. If a visa is not granted one month before the meeting, the IUPAC secretariat should be notified without delay by the applicant.”**

**Letter of Invitation:** Individuals requiring an official letter of invitation in order to obtain a visa and authorization to attend the conference should contact the APCHNE Organizing Committee. An invitation letter will be sent on request to registered delegates only. The letter of invitation does not financially obligate the conference organizers in any way. All expenses incurred in relation to the conference are the sole responsibility of the participant.

Upon request to the Organizing Committee, an official invitation letter (hard copy) will be sent to those needing it to obtain visas, permission to attend the conference and accompany application for personal grants.

**Customs:** Visitors are generally required to make a verbal identification of their baggage and declare foreign currency in excess of \$10,000.

**Climate:** At the time of the conference, temperatures in Delhi will range between 10-20°C. Light woollen clothes are recommended.



**Currency:** The currency of India is Indian Rupee. One Rupee is divided into 100 Paise. Rupee currency notes come in the denomination of 5, 10, 20, 50, 100, 500 and 1000. Current exchange rate is US\$ 1=₹ 45/-. 1 Euro = ₹ 65/- (approx).

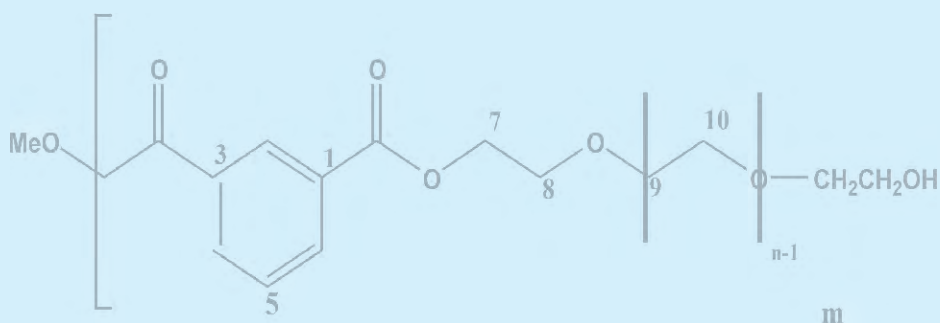
**Credit / Debit Cards:** Almost all credit cards like VISA, Master card, Amex etc. are widely accepted by establishments including hotels, restaurants, shops etc.

**Banking and Exchange Facilities:** Currency exchange facilities are available at banks and at hotels. Most banks are open from 10 am to 2 pm from Monday to Friday; however some banks offer extended banking hours. 24-hour ATMs are located in shopping centers and many neighbourhood markets.

**Electricity:** In India electricity is provided at 220 V, 50 Hz. Sockets take round pins ( 2 or 3). Adapters are generally available at all hotels.

**Taxi:** Taxis are on call 24 hrs. over the telephone. Air-conditioned (AC) Radio taxis may be called by dialling +91-11-43434343, +91-11-29232425. These taxis have a flat charge of ₹ 20/- per Km and are available at the both the International and domestic terminals. In addition, there are prepaid counters at the airport for travel to any part of the city.

**Time Zone:** India is 5-1/2 hours ahead of GMT, 4-1/2 hours behind Australian Eastern Time & 10-1/2 hours ahead of American Eastern Standard Time.



## SPEAKERS

- Dr. A. Gurib Fakim (Mauritius)
- Dr. Ajit Kumar (India)
- Dr. B.H. Jan Linders (Netherlands)
- Dr. B.S. Parmar (India)
- Dr. E. M.M.S.M. Gaspar (Portugal)
- Dr. Ettore Capri (Italy)
- Dr. G.N. Qazi (India)
- Dr. Gerry Stephenson (Canada)
- Mr. H.S. Gharda (India)
- Dr. H.S. Gaur (India)
- Dr. H.S. Gupta (India)
- Dr. J. S. Yadav (India)
- Dr. Jalees Afzal (USA)
- Dr. Johan V Asbrouk (Thailand)
- Dr. K. Matsuda (Japan)
- Dr. K.J. Divakar (India)
- Dr. K.R. Chauhan (USA)
- Dr. Kenneth Racke (USA)
- Dr. M. Dadlani (India)
- Dr. M.I. Chowdhary (Pakistan)
- Dr. M.S. Swaminathan (India)
- Dr. Madhuban Gopal (India)
- Dr. Mangala Rai (India)
- Dr. M. J. Kennedy (Australia)
- Dr. N. Dimetry (Egypt)
- Dr. N.K. Singh (India)
- Dr. P. Ananda Kumar (India)
- Dr. Pam Marrone (USA)
- Dr. R. Don Wauchope (USA)
- Dr. R. Nachman (USA)
- Mr. R.D. Shroff (India)
- Dr. R.K. Jain (India)
- Dr. S.A. Patil (India)
- Dr. S.K. Raza (India)
- Dr. S.O. Duke (USA)
- Dr. S.U. Khan (USA)
- Mr. Salil Singhal (India)
- Dr. Tim Ballard (USA)
- Dr. Unsworth JB (UK)
- Dr. V.S. Parmar (India)
- Dr. Z.R. Khan (Kenya)
- Dr. William Abraham (USA)



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Society for the Promotion of Sustainable Agriculture, New Delhi



International Union of Pure and Applied Chemistry, USA



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**Genesis Technologies, Thane, Mumbai, India**  
**DRDO, India**



## APCHNE : Role of Chemistry for Sustainable Agriculture



### 2<sup>nd</sup> International Conference on Agrochemicals Protecting Crops, Health and Natural Environment – Role of Chemistry for Sustainable Agriculture (APCHNE 2012)

PUSA, New Delhi, India  
15 - 18 Feb ' 2012



#### REGISTRATION FORM

(Please use CAPITAL LETTERS)

Name: Prof. / Dr. / Mr. / Mrs. / Ms. \* \_\_\_\_\_

(As required on Badge) (First Name)(Last Name)

Address: \_\_\_\_\_

City/ State: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ (Res. ) \_\_\_\_\_ (Ofc.) \_\_\_\_\_ (Mob.)

E-mail: \_\_\_\_\_

Accompanying Person: 1. \_\_\_\_\_ 2. \_\_\_\_\_

Accommodation Required : Yes / No

#### \*Registration Tariff for International Participant\*

Registration Category	Upto 31 <sup>st</sup> October 2011	After 31 <sup>st</sup> October 2011
Scientific Participants	USD 600	USD 700
Industry and Private Organizations	USD 700	USD 800
Accompanying persons	USD 300	USD 400
Students / Younger Chemists	USD 300	USD 400
	Scientists from Developing Countries	
Academia	Rs 6000	Rs 7000
Students and Post Docs	Rs 3500	Rs 4000
Industry and Private Organisation	Rs 9000	Rs 10000
Accompanying persons	Rs 4000	Rs 4000

#### Registration Entitlements:-

- The registration fee for the participant will cover participation in all scientific sessions, the proceedings and other printed material of the meeting, welcome reception on 14<sup>th</sup> February 2012, lunches and tea/coffee during lecture breaks the during 15-18 February 2012
- Accompanying person(s) charges include the welcome reception and banquet dinner only. However, the lunch coupons can be purchased at the Registration desk by paying Rs. 1000 per person, per day.

#### Mode of Payment:-

Kindly Send Demand draft/at par Cheque in favour of "IUPAC2APCHNE (A/c No. 31716077040)" payable at State Bank, New Delhi only from within India, subject to realization.

Electronic Transfer to Conference Bank Account: Please remit funds through Swift to SBININBB 378 for credit of "IUPAC2APCHNE" Account Number 31716077040 at State Bank of India, NSC, Bee Bhawan, New Delhi, India (Code 05389). Care must be taken to ensure that the Bank Service Charges is borne by the participant.

#### Please mail the complete form to:-

Dr. N. A. Shakil

Convener, Division of Agricultural Chemicals

IARI, New Delhi – 110012

Mobile: 9818196164

Tel: 011-25733725 # 4663 (O)

Email: iamshakil@gmail.com

Dr. Jitendra Kumar

Convener, Division of Agricultural Chemicals

IARI, New Delhi – 110012

Mobile: 9868091868

Tel: 011-25733725 # 4652 (O)

Email: jitendrakumar7@yahoo.com

Email: [iupac2apchne@gmail.com](mailto:iupac2apchne@gmail.com) Website: [www.apchne.com](http://www.apchne.com)

Note: Photocopy of Registration Form can also be used.



## ABOUT DELHI

Delhi is a palimpsest, bearing the complexities, the contradictions, the beauty and the dynamism of a city where the past co-exists with the present. Delhi has a



long and chequered past. Few cities in the World can claim the long continuity and status that Delhi has enjoyed. Its history goes a long way off to the time of Mahabharata as Indraprastha, the capital of Pandavas. Among the dynasties that laid claim to Delhi were the Tomar Rajputs (9th or 10th century) and the Chauhan Rajputs (12th century). With the

defeat of Prithviraj, the Chauhan leader, in the hands of the Muslims towards the end of the 12th century, Delhi became the capital of Pathan Sultans and eventually of the Mughals. During the British rule for 200 years, the country came under unified control, Calcutta became the capital but only to move back to Delhi in 1911. Since then Delhi has retained its position as the seat of governance.

Delhi abounds in relics and remains a glorious reminder of its past. The city measures to 1485 sq km, harbouring over 12 million people of diverse cultures.

Delhi is India's melting pot, dream and has absorbed, over the centuries, settlers, and visitors from across the globe. Exploring the city can be a fascinating and rewarding experience.

## MAJOR TOURIST ATTRACTIONS OF DELHI

Red Fort, India Gate, Rashtrapati Bhawan, Parliament House, Jantar Mantar, Jama Masjid, Raj Ghat, Lakshmi Narayan Temple, Humayun's Tomb, Lotus Temple, Qutub Minar, Chandni Chowk, Connaught Place, Lodi Gardens, Akshardham Temple, Chattarpur Temple.

### Accessibility

All major national and international airlines have their flights operating through Delhi's Indira Gandhi International Airport. Delhi's ever busy four railway stations (New Delhi, Old Delhi, Anand Vihar and Hazrat Nizamuddin) have trains connecting all parts of the country, including the neighbouring tourist centres.

### Climate

The climate in Delhi during February is cold, with night time low of 10 degree celsius and daytime high of 20 degree celsius with plenty of sunshine.





## VENUE

**Indian Agricultural Research Institute  
Pusa Campus, New Delhi - 110 012, INDIA**

