

The growing world population is estimated to reach 9.1 billion by the year 2050. This increased population density is projected to increase demand for food production by 70% in developing countries. The availability of additional agricultural land and resources are limited. The reduction of current yield losses caused by pests is a major challenge. Chemical pesticides will continue to play a role in pest management as more and more target specific and environment friendly products are being introduced. The benefits of pesticide use are high relative to their risks. New concepts in crops, human health, resource management, nanotechnology, smart formulations and related sciences are likely to boost agricultural productivity. Non-target effects of exposure of humans and the environment to pesticide residues are continuous concern. Significant socio-economic and environmental benefits can be achieved by new chemistries/formulations, natural products, innovations in delivery system, correct use of pesticides and finally re-shaping the agrochemical education. Fine tuning the residue research for safe food, consumer safety, international trade, and compliance with stringent sanitary and phyto-sanitary requirements on food hygiene and plant health has gained importance. In view of the above and to mark the Golden Jubilee year (1966-2016) of Division of Agricultural Chemicals under the aegis of SPS India, scientific programme of the conference will deliberate on following themes:

1. An update on innovations in agrochemical research in India
2. Redefining roadmap for agrochemical education in global context
3. Fine tuning pesticide residue research and decontamination strategies to address sustainable ecosystem
4. Industry-academia partnership in context of agrochemical research at the interface of resources, crop and human health management
5. Insect pests, nematodes, disease and weed management appraisal and road map for future monitoring, safety and remedial action
6. Nanotechnology in crop management and smart formulation approaches for targeted delivery
7. Viable approaches to combat stored grain pests

**About SPS India:** Society of Pesticide Science India (SPS India) was formed as a national Society on 25<sup>th</sup> September, 1987 with its Headquarters at the Division of Agricultural Chemicals, ICAR-Indian Agricultural Research Institute (IARI), New Delhi and formally launched and inaugurated on 16<sup>th</sup> November, 1989. The objective of the society is to provide a forum to scientists for expressing critical views based on scientific knowledge and rational thinking on important national policies and programmes related to pesticides, allied agrochemicals and related fields and to create awareness among masses on the role of pesticides and allied agrochemicals in agriculture, public health and human welfare. The society always promoted judicious use of pesticides and allied chemicals with a view to maximizing crop production *vis a vis* minimizing environmental pollution and health hazard. It also publishes Pesticide Research Journal with NAAS rating 4.16. As on date there are 571 life members and 70 ordinary members representing premier research institutions, universities and 28 corporate members from industries.

**Abstracts:** One page concise abstract (max. 300 words, 12 Times New Roman font, single spaced) of unpublished research work with title, authors name, affiliations, e-mail of corresponding author should be divided in three sections i.e., Background, Results, Conclusion. One or two essential and relevant references (as per *Pestic Res J* format) may be given at the end. The abstract may be e-mailed at [spsindia\\_agch@yahoo.co.in](mailto:spsindia_agch@yahoo.co.in)

### Registration fees:

Scientists/Officers (members)	4000	Non-members <sup>†</sup>	6000
Students/SRFs/RAs	2000	Accompanied person	1500

<sup>†</sup>Non-members may register as members by paying 8000 (life-member fee 4000 included)

(# For late registration after due date extra 500 will be charged)

**Venue:** ICAR-Indian Agricultural Research Institute, New Delhi

**Awards and Publication:** SPS Fellows, P.B. Sarkar Memorial Awards, best Ph.D. and M.Sc. thesis (2015), best poster and oral presentation awards. Selected full length papers will find place in the forthcoming issue of *Pesticide Research Journal* published by SPS India (NAAS rating 4.16).

**Accommodation:** Due to limited availability, accommodation in Institute guest houses is only on first come first serve basis. Booking in nearby hotels may be facilitated subject to payment of half tariff in advance along with registration fee.

### Organization:

**Chief Patron:** Dr. Trilochan Mohapatra, DG, ICAR and Secretary, DARE

**Patron:** Dr. Ravinder Kaur, Acting Director, ICAR-IARI

**Conveners:** Dr. Shashi Bala Singh, General Secretary, SPS India,  
Dr. Anupama, HOD, Agricultural Chemicals

**Co-conveners:** Dr. Chitra Srivastava, Dr. Neera Singh

**Treasurer:** Dr. Tirthankar Banerjee

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**Registration Form**

1. Name: Mr/Ms/Dr.....  
 2. Gender: (Male/Female).....  
 3. Category: (Scientist/Officer/Student/Industry/Private Organization/Accompanying member)  
 4. Full Address:.....  
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 5. Contact Details: a) Mobile No..... b) Office No.....  
 c) Fax ..... d) e-mail.....  
 6. Details of registration fee paid:  
 Rs.....(Rupees.....) only) paid in cash  
 vide receipt no.....dated.....

**Or**  
 Through bank draft no.....dated.....  
 payable at..... (name of the bank)

**Or**  
 Through e-transfer on following details  
 Society of Pesticide Science India, Syndicate Bank, Pusa Campus branch,  
 Ac/No. 90292010021651, IFSC Code SYNB0009029,  
 MICR Code 110025041, Branch Code 9029

Signature.....  
 Name..... Date.....

**For official use only**

Received Rs..... (Rupees.....) only)  
 vide book no..... receipt no..... dated.....

Treasurer

**Dates to be remembered:**

Submission of abstracts: 31<sup>st</sup> Aug, 2016 Submission of full papers: 31<sup>st</sup> Aug, 2016  
 Acceptance of Abstracts: 15<sup>th</sup> Sept, 2016 Payment of reg. fees: 21<sup>st</sup> Sept, 2016

**Contacts:**

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**Society of Pesticide Science India**  
**Division of Agricultural Chemicals**  
**ICAR-Indian Agricultural Research Institute**  
**New Delhi – 110012**  
**India**

**National Symposium**

**on**  
**Agrochemicals Research and Education in India:**  
**Appraisal and Road Map for Future**

(to mark the Golden Jubilee year of Division of Agricultural Chemicals)

**November 15–17, 2016**

**ICAR-IARI, New Delhi**

