



4th

IUPAC International Conference on
“Agrochemicals Protecting Crops, Health and
Natural Environment – Discovery and Development
of Synthetic and Natural Products for Health and
Pests Management” (APCHNE 2020)

7-10 January, 2020, New Delhi, India

APCHNE



VENUE

National Agricultural Science Complex (NASC)
DPS Marg, Pusa, New Delhi - 110 012, India

Printed at Venus Printers and Publishers, New Delhi, Mobile: 9810089097

Organized by

Society for the Promotion of Sustainable Agriculture
Institute of Pesticide Formulation Technology

ORGANIZATION

APCHNE : Discovery & development of synthetic & natural products for health & pests management

PATRONS

T. Mohapatra
Secretary, DARE and
Director-General, ICAR

P. Raghavendra Rao
Secretary
Chemicals & Petrochemicals

CO-PATRONS

Director, ICAR-IARI

Director, IPFT, Gurugram

CONVENERS

Jitendra Kumar **N.A. Shakil**
IPFT ICAR-IARI

CO-CONVENER

V.S. Rana
ICAR-IARI

TREASURER

Pankaj
ICAR-IARI

INTERNATIONAL ADVISORY BOARD

A.C. Watterson (USA)
C.D. Mayee (India)
Ettore Capri (Italy)
K. Matsuda (Japan)
K.R. Chauhan (USA)
Laura McConnell (USA)
Ken Racke (USA)
M.I. Chowdhary (Pakistan)
S.P. Mohanty (India)
Pieter Spanoghe (Belgium)
R.G. Agarwal (India)

Rajju Shroff (India)
Caroline A. Harris (UK)
Pamela J. Rice (USA)
Jan BHJ Linders (Netherlands)
A. Bandyopadhyaya (India)
Baruch Rubin (Israel)
Peter Maienfisch (Switzerland)
S.U. Khan (USA)
Muralee G. Nair (USA)
Gijs Kleter (Netherlands)
Hisashi Miyagawa (Japan)

V.S. Parmar (USA)
Rai Kookana (Australia)
John Unsworth (UK)
N.K. Singh (India)
P.K. Chakrabarty (India)
Salil Singhal (India)
Nathan Degeyter (Belgium)
Elizabeth Carazo (Costa Rica)
B.S. Parmar (India)
Mayank Singhal (India)
Camilla Corsi (Switzerland)

NATIONAL STEERING COMMITTEE

A.K. Dikshit
C. Devakumar
Irani Mukherji
Mukta Chakrabarty
R.D. Kapoor
Uma Rao

A.K. Prasad Ajit Kumar
Chitra Srivastava D.B. Saxena
K. K. Sharma M.B. Chetti
Rashmi Aggarwal R. Dayal
S.B. Singh S. Walia
V.T. Gajbhiye T. Janaki Ram

Anupama
G. Venkateshwarlu
Madhuban Gopal
R.L. Gupta
S.S. Tomar
B. Saha

LOCAL ORGANIZING COMMITTEE

Abhijeet Kar
Anirban Dutta
Gaurav Gill
M.A. Khan
Neeraj Patanjali
Priya Saini
Awani K. Singh
Suman Manna
Venkatesh HM

Abhishek Mandal Aditi Kundu Amrish Agrawal
Ashish Khandelwal Bishnu Maya Deeba Kamil
Indu Chopra Lalitesh K Thakur Mahesh K Saini
Mukesh Sehgal Mukesh K Singh Neera Singh
N. Narayanan Parshant Kaushik Pinki Bhandari
Rashid Perwez Sanjay Gandhi Subhash Chander
Samsul Alam Sudeep Mishra Suman Gupta
Supradip Saha Sushil Pandey Vandana Tripathy

AN INVITATION

It is with pleasure that the Conference Organising Committee invites you to attend the Fourth IUPAC International Conference on "Agrochemicals Protecting Crops, Health and Natural Environment –Discovery and development of synthetic and natural products for health and pests management" (APCHNE 2020) being organized by Society for Promotion of Sustainable Agriculture (SPSA) and Institute of Pesticide Formulation Technology, Gurugram, during 7-10 January 2020, in New Delhi, India. Registration on 6th January, 2020 will precede the welcome reception. Inauguration and scientific deliberations of the conference will start on 7th January 2020; each morning will feature plenary lectures, followed by parallel sessions featuring 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.

ABOUT CONFERENCE

The conference will provide a forum to scientists of different disciplines, industries and other stakeholders to discuss latest trends and discoveries in agrochemicals and phytomedicines, deliberate on important issues of agricultural research, and present views as policy inputs to the planners, decision/opinion makers at various levels. The conference will comprise of a number of plenary and keynote lectures by the world's leading scientists reviewing the principal theme areas of the conference. Besides new compounds, new concepts and new uses, the conference will cover other traditional areas of research such as pest diseases, weed and resistance management, exploring biodiversity for botanical and biopesticides, genetically modified crops, nutraceuticals, as well as research into effects on human health, risk management, ecotoxicology, and remediation strategies. The conference will also deliberate on other key issues such as analytical chemistry; pesticide residues in crops, food commodities, water,

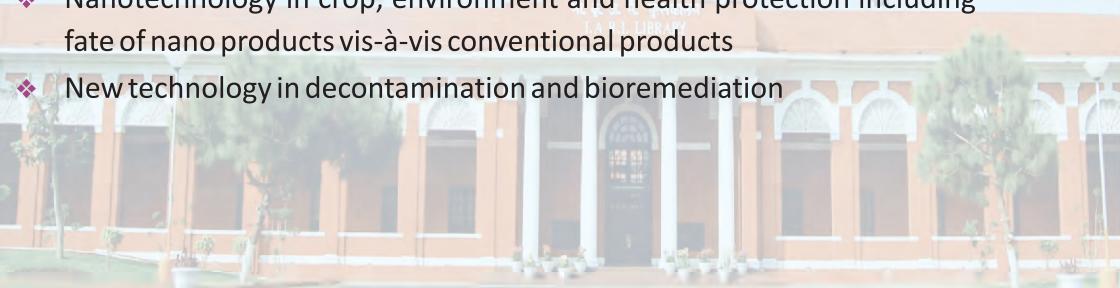


beverages; and changes in pesticide regulation. Contributory research papers will also be included in the relevant poster sessions, which will be an important part of the conference.

We have great pleasure in inviting you to participate in the conference, present your research papers relevant to the conference themes and stimulate the scientific discussions through your valuable ideas and inputs so as to ensure successful and fruitful deliberations. It is also proposed to organize concurrently an instrument and manufacturers exhibition during the symposium.

THEMES OF THE CONFERENCE

- ❖ Overview of global health and pest management policy, planning, regulation and future strategies
- ❖ Global stewardship for maximizing benefits and minimizing risks
- ❖ Discovery and development of synthetic and natural products and target identification
- ❖ Biopesticide and biocontrol agents
- ❖ Agricultural biotechnology
- ❖ Environmental fate and dissipation of nanoparticles
- ❖ Pesticide industry: Prospects and constraints
- ❖ Agrochemicals delivery systems towards occupational and environmental safety
- ❖ Environmental toxicology and risk assessment
- ❖ Nanotechnology in crop, environment and health protection including fate of nano products vis-à-vis conventional products
- ❖ New technology in decontamination and bioremediation



HOST ORGANIZATIONS

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 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.

Institute of Pesticide Formulation Technology (IPFT)



Institute of Pesticide Formulation Technology is an autonomous institution under the Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India. It was established in May 1991 and it has emerged as a reputed R & D centre for the development of safer, efficient and environment friendly pesticide formulations, bio-pesticides, application technologies and analytical methodologies. More than sixty technologies have been developed at IPFT and successfully transferred to various agrochemical industries. It has state-of-art laboratories for pesticide quality control as per BIS and CIPAC and is recognized by CIB & RC for

Bio-efficacy for pesticides to be registered for domestic use in house hold and for persistence & residue studies. The Laboratory is NABL Accredited as per ISO/IEC – 17025 for the testing of Pesticides (Technical & Formulations), pesticide residues in various food matrices and CWC related chemicals.

Website: www.ipft.gov.in

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 eleven 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 should be sent to the conveners on or before 30th November 2019 through email iupac4apchne@gmail.com or upload to the conference website www.apchne4.com as an MS-WORD document file. The abstract should be typed using microsoft word underlining the name of the presenting author.

Format for Abstract

Title (14 font size and centered)

Presenting Author, Other Authors, Corresponding 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 font size and 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.apchne4.com as an MS-WORD document file. The last date for submitting the abstract is 30th November 2019.

Important

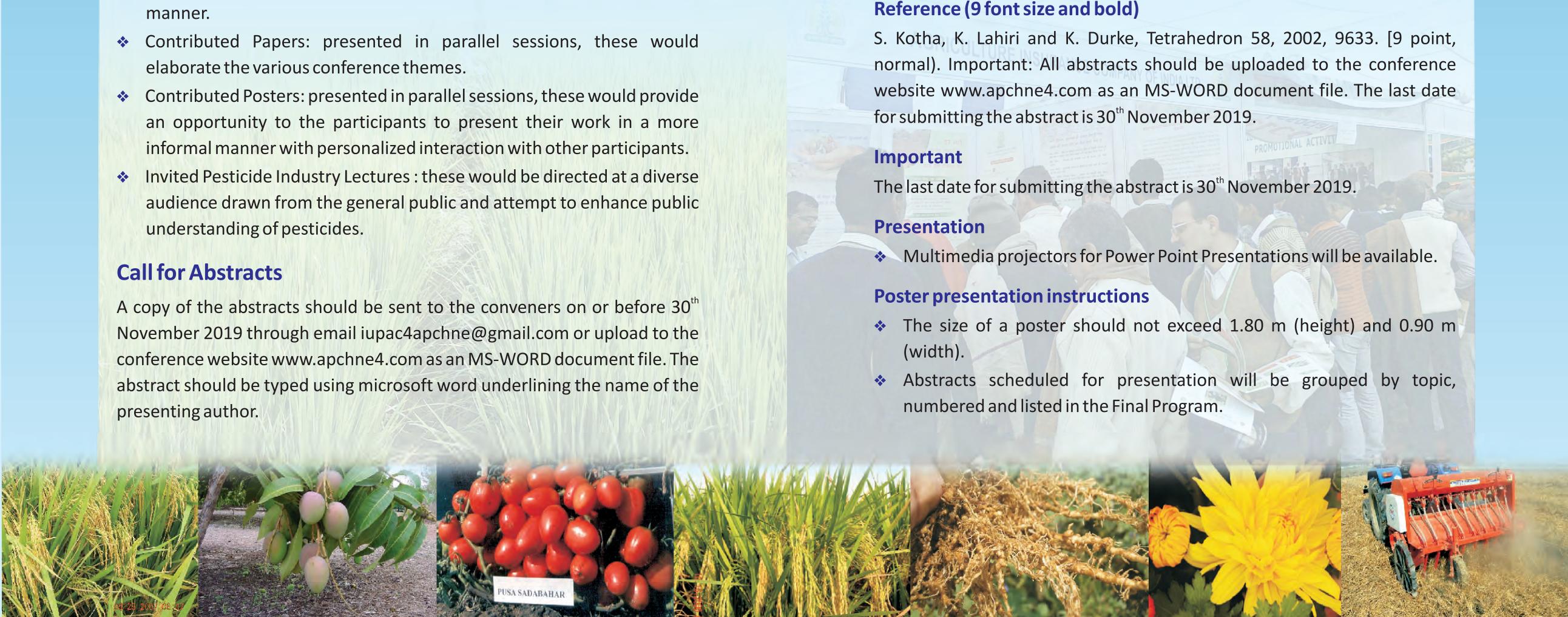
The last date for submitting the abstract is 30th November 2019.

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.



EXHIBITION

An exhibition will be organized at the Conference venue and organizations interested may kindly contact to conveners for the same.

Branding and sponsorship opportunities (Category and amount)

Platinum Sponsor	INR 10 lacs and more
Gold Sponsor	INR 5-10 lacs
Silver Sponsor	INR 2-5 lacs
Bronze Sponsor	INR 1-2 lacs

Exhibition Stall

Charges

Size 3m X 2m Rs. 75000/-

Size 2m X 2m Rs. 50000/-

Specifications

White powder coated octanorm system with white laminated panels

Three side wall

One table (4X2feet)

Two chairs

Three spot lights

One power point (5/15 Amp)

One dustbin

Name of the organization will be written with vinyl letter

ADVERTISEMENT

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

Type of advertisement

	Charges (in INR)
Front cover page (colour)	1,00,000
Back cover page (colour)	70,000

Inner page of front and back cover (colour)	50,000
Full page inside (black and white)	35,000
Half page inside (black and white)	20,000

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.

Important Dates

Closing date for abstract submission : 30th November 2019

Closing date for accommodation request : 30th November 2019

Mode of payment

Kindly send Demand draft/at par cheque in favour of SPSA (A/C No 30888884632) payable at State Bank of India, NSC, Beej Bhawan, New Delhi, India only from within India, subject to realization.

Electronic Transfer to Conference Bank Account: Please remit funds through Swift to SBININBB 378 for credit of "SPSA" Account Number 30888884632 at State Bank of India, NSC, Beej Bhawan, New Delhi, India (IFSC Code SBIN0005389). Care must be taken to ensure that the Bank Service Charges is borne by the participant.

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.

Foreign participants are requested to book their accommodation directly with the Conference Tours & Travels Partner on Conference website.



CONTACT US



Dr. Jitendra Kumar

Convener

Institute of Pesticide Formulation

Technology, Sector -20, Udyog Vihar

Gurugram – 122016, Haryana

(INDIA)

Tel: +91-124-2348488

Mobile: +91-8860055511

Email:jitendrakumar7@yahoo.com



Dr. Najam Akhtar Shakil

Convener

Division of Agricultural Chemicals

ICAR-Indian Agricultural Research

Institute, New Delhi-110012

(INDIA)

Tel: +91-11- 25843588 Ext.4663

Mobile: +91-9818196164

Email:iamshakil@gmail.com

Email: iupac4apchne@gmail.com (for sending abstracts)

For more information and update please visit to: www.apchne4.com

Official Travel Agent

Indomed Travels Pvt Ltd

Corporate Office : 438, Westend Mall

Janakpuri, New Delhi - 110058

Ph : 011 45531750, Mob. : +91-9718622666

E-mail : indomedtravels@gmail.com

Website : www.indomedtravels.com

Event Managed By

Professional Catering Services Pvt. Ltd.

NASC Complex

DPS Marg, Pusa

New Delhi - 110 012, India

Mobile: +91-9810147093

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.



SPONSORSHIP

Academic Partners



Industry Partners



4th IUPAC International conference on "Agrochemicals Protecting Crops, Health and Natural Environment – Discovery and Development of Synthetic and Natural Products for Health and Pests Management" (APCHNE 2020)
NASC Complex, New Delhi, India
7-10 January 2020



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.) _____ (Off.) _____ (Mob.) _____

E-mail: _____

Name of accompanying person: 1. _____ 2. _____

Accommodation Required : Yes / No _____

Registration Fees (non-refundable)

Delegate Categories	Upto November 30, 2019	Spot registration
International participant		
Scientific/academia	USD 800	USD 900
Industry and private organizations	USD 900	USD 1000
Accompanying Person	USD 500	USD 500
Students/young scientists/post docs	USD 500	USD 550
Developing countries		
Scientific/academia	Rs. 12000	Rs. 14000
Industry and private organizations	Rs. 25000	Rs. 30000
Accompanying Person	Rs. 6000	Rs. 6000
Students/young scientists/post docs	Rs. 6000	Rs. 7000

Registration Entitlements:-

- The registration fee for the participant will cover participation in all scientific sessions, the proceeding and other printed materials, welcome reception on 6th January 2020 (evening), lunches and tea/coffee during the lecture break during 7-10 January 2020.
- 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.

ABOUT DELHI

MAJOR TOURIST ATTRACTIONS IN 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.

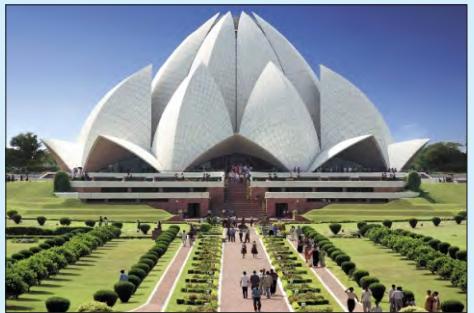
Red Fort, India Gate, Rashtrapati Bhawan, Parliament House, Jantar Mantar, Jama Masjid, Raj Ghat, Lakshmi Narayan Temple, Humayun's Tomb, Lotus Temple, Qutub Minar, Chandni Chowk, Connaught Place, Lodi Gardens, Akshardham Temple, Delhi Metro, Chattarpur Temple.

All major national and international airlines have their flights operating through Delhi's Indira Gandhi International Airport (Terminal T3, T2 & 1D). 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.

The climate in Delhi during January is pleasant, with night time low of 10 °C and day time high of 25 °C with plenty of sunshine.



Indira Gandhi International Airport, New Delhi



The Lotus Temple



Delhi Metro



Qutab Minar



Humayun's Tomb



Delhi Metro

