



Indian Horticulture Congress - 2018

Shaping Future of Indian Horticulture

Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
October 29 - November 2, 2018

Organized by



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8th Indian Horticulture Congress-2018

C/o The Horticultural Society of India

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HSI/8IHC/2018/ 98

Date: 05.06.2018

Sub.: 8th Indian Horticulture Congress-2018: Request for Participation by Director & Staff

Dear Dr. Deka

I am happy to inform you that The Horticultural Society of India is organizing its 8th Indian Horticulture Congress-2018 at Swami Vivekanand Auditorium, Indira Gandhi Krishi Vishwa Vidyalaya, Raipur, Chhattisgarh from October 29th – November 02nd, 2018. I am enclosing herewith a copy of the final circular giving details of the function, theme areas, etc.

Through this letter, I would like to extend my personal invitation to you to grace the function personally and make its deliberations rich.

Since the agenda of the congress is multi-disciplinary, I shall also request you to sponsor delegates from your institute for participation in the same. You are therefore requested to encourage participation of the relevant faculty from different disciplines and advise them to forward abstracts of oral/poster papers for consideration latest by July 15th, 2018.

Hoping for your full support to the same.

Thanking you & with regards;

K.L. Chadha
K L Chadha

Dr. B.C. Deka

Director, Zone VII

Agriculture Technology Application Research Institute
Umiam – 793103, Meghalaya

Encl.: Circular of 8th Indian Horticulture Congress-2018

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Indian HortiCulture Congress - 2018

Shaping Future of Indian Horticulture

Indira Gandhi Krishi Vishwavidyalaya
Raipur, Chhattisgarh

October 29 - November 2, 2018



Organized by



Co-sponsors



Background

The R&D efforts made during the last four decades have impacted horticulture in the country in many ways. The importance of horticulture is being realized by one and all, be it a small farmer, the corporate sector or policy makers. There is now a large R&D network in the country with establishment of several institutions and launching of a number of developmental programmes. Horticulture in fact has come out of village confines to diverse agro-climatic areas. Horticulture crop production surpassed food crop production in India for the first time during 2013-14. The trend continued during 2017-18 with 305.40 MT.

Despite significant increase in production of horticultural crops, low productivity and profitability in several crops is still a hurdle and is required to be attended in order to meet future challenges and avail global opportunities in the country. The role of innovative horticulture technologies is thus required to be continuously updated and given to all the stakeholders leading to safe, remunerative and sustainable production.

Earlier Congresses

The Horticultural Society of India has been organizing biennially Indian Horticulture Congresses in different states of the country to review R&D initiatives taken to sensitize various stakeholders of the latest technologies and opportunities for the future. These congresses have been very well attended and found useful by the participants. So far, seven congresses on different topical issues have been successfully organized as below:

- First Congress on **Improving Production, Productivity, Quality and Trade of Horticulture Crops** held at New Delhi in 2004.
- Second Congress on **Opportunities and Linkages for Horticulture Research and Development (Focus: North Eastern Region)** held at Barapani, Meghalaya in 2007.
- Third Congress on **New R&D Initiatives in Horticulture for Accelerated Growth and Prosperity** held at Bhubaneswar, Odisha in 2008.
- Fourth Congress on **Horticulture to Horti-Business** held at New Delhi in 2010.
- Fifth Congress on **Horticulture for Food & Environment Security** held at Ludhiana, Punjab in 2012.
- Sixth Congress on **Horticulture for Inclusive Growth** held at Coimbatore, Tamil Nadu in 2014.
- Seventh Congress on **Horticulture for Doubling Farmers Income** held at New Delhi in 2016.

It is now proposed to hold the **8th Indian Horticulture Congress-2018** at Indira Gandhi Krishi Vishwavidyalaya at Raipur, Chhattisgarh from October, 29th to November 2nd, 2018 with following Objectives:

Objectives

- To take stock of the researchable issues in different horticultural crops, e.g. Fruits, Vegetables & Tuber Crops, Floriculture, M&A Plants, Spices, Plantation Crops, Bamboo and Mushroom.
- To discuss potential of new generation tools and techniques in crop improvement.
To share innovative technologies in alternative production systems of horticultural crops.
- To analyse future challenge and chalk out strategies to mitigate them to keep horticulture sector remunerative.

Themes/ Topics

The following themes have been identified for the **8th Indian Horticulture Congress-2018**:

- **Quality Planting Material:** Innovation in Production of Elite Quality Planting Material/Seed, Diagnostics, Plug Plant Production and Vegetable Grafting.
- **Breeding Approaches:** Genetic Resources for Trait-specific Breeding, Pre-Breeding for Abiotic and Biotic Stresses, Next Generation Breeding Approaches for Trait-specific Improvement (Nutrition, Quality, Pest Resistance Processing and Export), Breeding of Rootstocks, Harnessing Underutilized Crops, Use of Molecular Markers, QTL Mapping, Genome Editing, Application of Omics, Transgenes, Cisgenics, Genotyping Chips, NGS and Bio-Informatics.
- **Innovative Production Systems:** Urban and Peri-urban Horticulture, Protected Cultivation, Hydroponics, Aeroponics, Vertical Farming, Farming Systems in Horticulture.
- **Input Management for Improving Productivity and Quality:** Canopy architecture, HDP, Juvenility, New Generation Inorganic/ Organic Fertilizers, Bio-Fertilizers, Fertigation, Organic Horticulture, Conservation Horticulture, Emerging Nutrient and Water Efficient Technologies, Deficit Irrigation, new nutrient and growth regulator sources.
- **Managing Pests & Diseases:** Emerging Pest Problems, Modern Approaches for Diagnostics in Disease Protection, Disease & Pest Dynamics under Climate Change, New Molecules and Botanicals, Bio-Control for Enhancing Productivity and Quality; Safe Food, Pesticide Residue and Environmental Issues.
- **Post-harvest Management:** Post-harvest Handling Protocols, Emerging Post-harvest Technologies, Ozonation, UV Treatments, Irradiation, Nano Encapsulation, Smart Packaging.
- **Value Addition:** Minimal Processing, Thermal and Non-Thermal Processing, Functional Foods, Field and Industrial Waste Management.
- **Horticultural Engineering:** Mechanisation and use of Automation, use of Sensors, Robotics, Drones,

Customized Tools & Implements, Use of Non-Conventional Energy sources.

- **Innovation in Social Sciences and Horti-business:** New Start-Ups in Horticulture Sector, Extension Innovations, Capacity Building and Skill Development, Public Private Partnership (PPP) in Extension, use of ICT, Advisory Services, GAP, Certification, Farmer-Producer Organisations (FPOs), Policy Needs in Horticulture sector.
- **Opportunities in Horticulture R&D in Chhattisgarh:** Horticulture research and development in Chhattisgarh; Tribal area Horticulture-led Development Models, Developmental Schemes and their Impact, Crop Insurance and Marketing Innovations, Promotion of Ethnic Crops and ITKs in Horticulture, Successful Entrepreneurs and PPP Models, Marketing Models.

Participants

The congress is open to all those interested in Horticulture R&D and related sectors, e.g. representatives from both public and private sectors, central and state government ministries and deptt., scientists, development workers and students from agricultural institutes and universities, state horticulture and other departments, representatives from international agencies, farmers' associations, agri-input agencies (like Seed, Fertilizers, Plant Protection Chemicals, etc.), NGOs etc. **The deliberation of the Congress shall be in English.**

Presentations

The Congress will cover **Lead, Oral and Poster paper Presentations.**

Lead Papers: Lead papers on specific topics related to each session will be invited by the Programme Committee on the basis of suggestions received. These will be allotted to eminent scientists. The extended abstracts (about 2 pages) of these papers are required to be submitted within three weeks of request, while the full-length papers will be required to be submitted latest by 31st August, 2018 for publication of proceedings and its release during the Inaugural Session.

Oral Presentations: Both members and non-members of HSI within India and abroad shall be considered for Oral Presentation subject to the relevance of the title and contents of the subject of presentations.

Poster Papers: The Researchers/Students are invited to submit Abstracts (**max two as senior registered author**) relating to broad theme areas of the congress, which would be peer reviewed and presented as Poster papers in the event. **Abstract(s) of only registered delegates will be published.**

The abstract(s) should be prepared in MS word not exceeding 250 words. It must contain a clear title, name and affiliation of the author(s). The name of the presenting author should be underlined and E-mail should be given at the end. There should

not be any sub-headings, figures, tables or references in the abstract. The abstract may be submitted through e-mail and/or by post along with a soft copy. The detailed guideline for preparing the Poster paper (size 120 cm x 90 cm), would be mailed to those authors whose abstract(s) are accepted for presentation as per schedule during the Congress.

Important Dates

Last date for receiving Abstract(s)	: July 15, 2018
Last date for sending Acceptance letter	: July 30, 2018
Last date for sending Full length paper	: August 31, 2018
Last date for sending Registration fee	: September 30, 2018

Registration Fee

Details of Registration Fee for various categories of participants is as under:

Category	On time (₹)	With late fee (₹)
HSI members/ State Hort. Staff	7,500/-	8,500/-
Non-members of HSI/ Corporate Sector	10,000/-	11,000/-
Student/Research Fellows	3,000/-	3,500/-
Farmers	2,500/-	2,500/-
Foreign Delegates	SAARC countries (US\$ 150) Other US\$ 200 or € 150	

About Raipur

Raipur is an important location from archeological and historical point of view. The city of Raipur has been in existence since 9th century AD. After independence it was included in Central Provinces and Berar. When Chhattisgarh state came into existence, Raipur became its capital in the name of Naya Raipur, situated about 20 km from the old city.

The weather during October-November is very pleasant with minimum and maximum temperatures are expected to be **between 17-18°C and 29-30°C with bright sunshine.** Only light woollen clothing is recommended.

How to Reach: Raipur is well connected with Air, Train and Road services from different parts of the country.

By Air: Raipur airport is 8 km from the city and 6 km from IGKV campus (Congress venue). It is well connected with Air services and flights are available from New Delhi, Mumbai, Bhopal, Hyderabad, Kolkata, Lucknow, Pune, Nagpur, Visakhapatnam etc. Jet Airways, IndiGo and Air India operate daily flights.

By Train: Raipur is also well connected through Mumbai-Nagpur-Raipur-Bilaspur-Howrah track and falls under South Eastern Railway zone. Direct train services are available from North and South India, e.g. Bhopal, Hyderabad, Kanpur, Kolkata, Mumbai, Nagpur, New Delhi, Pune, Ranchi,

Vijayawada and Visakhapatnam. IGKVV is situated 10 km away from Raipur Railway Junction. City buses and Taxis are available from Railway Station to IGKVV campus.

By Road: Raipur is well connected by road and is situated on National Highway No. 53. Luxury bus services are available from Nagpur, Hyderabad, Bhubaneswar, Indore, Allahabad, Varanasi, Ranchi etc.

Accommodation

There is limited guesthouse accommodation available in the university and neighbouring guest houses. However, there are lot of medium level hotels available nearby for which special rates for stay and breakfast (between Rs. 1000-3000 per day) have been negotiated. For Enquiries and other details, kindly visit www.hsi1942.in. Correspondence with

regard to accommodation should be directed to Dr L.K. Shrivastav, Senior Scientist, IGKV, Raipur (E-mail: shrivastavalalit9@gmail.com, Mobile: 099261-19495) with a copy to ihc2018hsi@gmail.com.

Field Visit

During the last few years, lot of development has taken place in horticulture crop production in Chhattisgarh. Around Raipur, using technological innovations like High Density Planting, Canopy Management, Plug Plant Protection, Vegetable Grafting, besides Protected Cultivation of vegetable and flowers. A field trip shall be arranged on November 2nd, 2018 for those interested. Delegates may kindly keep this in mind, while booking their travel. Reservation Form for the Field Trip will be available at the Registration Desk.

Sponsorships/ Advertisements

To make this event grand and successful, the organizers seek support from different stakeholders. The Sponsorships/ Advertisements in the following categories will be welcomed.

Sponsorship Details

Type of Sponsorship	Amount(₹)	Benefits
Congress Sponsor	5.0 lakhs and above	<ul style="list-style-type: none"> • Presentation by Company Representative. • Organisation/company's logo displayed during the congress. • Distribution of promotional material, if any. • Two full-page company profile printing in souvenir. • Four complementary registrations.
Delegate Kit	3.5 lakhs	<ul style="list-style-type: none"> • Organisation/company's logo on Delegate bags. • Distribution of promotional material, if any. • Two full-page company profile printing in souvenir. • Three complementary registrations.
Lunch / Dinner	2.5 lakhs	<ul style="list-style-type: none"> • Display of banner during the event. • Distribution of promotional material, if any. • One full-page company profile advt. printing in souvenir. • Two complementary registrations.
High Tea	1.5 lakhs	<ul style="list-style-type: none"> • Display of banner during the event. • Distribution of promotional material, if any. • One full-page company profile printing in souvenir. • One complementary registration.
Tea / Coffee / Packaged Water	0.5 lakh	<ul style="list-style-type: none"> • Distribution of promotional material, if any. • One complementary registration.

Advertisement Details

Advertisement Details	Amount(₹)
Back cover (Colour)	• 1,00,000/-
Inside back cover (Colour)	• 50,000/-
Full page (Colour)	• 25,000/-
Half page (Colour)	• 15,000/-



Indian Horticulture Congress - 2018

October 29th to November 2nd, 2018, Raipur, India



Registration Form

I am interested in participating in the "8th Indian Horticulture Congress - 2018" as Delegate/Sponsor;

Name (Capital letters) :

Profession : Designation :

Organization :

Mailing Address :

City : State : Pin Code :

Telephone: Mob. : Office : Res. :

E-mail :

Accompanying Person/Spouse* : No. Name :

*An additional amount of ₹ 3,000 per head should be sent for the accompanying person(s).

Participant Details

For Delegates

Title of Lead/ Oral Paper/ Poster Presentation :

Payment Details*

Multi-city Cheque/ Draft No. : Date :

Name of Bank : Branch : City :

Amount (₹/\$/€) :

NEFT/Online Transfer :	A/c No. :	IFSC Code	Place
Sydicat Bank :	91532010025500	SYNB0009153	New Delhi

*Send the copy of proof regarding online transfer of money. Payment should be made in favour of **The Horticultural Society of India** payable at **New Delhi**.

Date :

Signature

Place :

Registration Form is also available on the Congress website www.hsi1942.in
Kindly send duly filled in Registration Form alongwith Registration fee to :-

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8th Indian Horticulture Congress-2018

C/o The Horticultural Society of India

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Dr Trilochan Mohapatra, Secretary (DARE) & Director General (ICAR), New Delhi

Dr Renu Swaroop, Secretary, Deptt. of Biotechnology, GoI

Dr R.B. Singh, Chancellor, Central Agricultural University, Imphal

Dr K.V. Prabhu, Chairman, PPVFRA, New Delhi

National Organizing Committee

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Dr M.S. Ladaniya, Director, ICAR-CCRI, Nagpur

Dr. Gopal Lal, ICAR-NRC Seed Spices, Ajmer

Dr. Ravi Kumar Mathur, Director, ICAR-IIPR, Pedavegi

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Dr Bijender Singh, Director, ICAR-IIVR, Varanasi

Dr D.R. Singh, Director, NRC for Orchids, Gangtok

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