

# 8<sup>th</sup> Indian Horticulture Congress-2018

on

## *Shaping Future of Indian Horticulture*

**Venue:** Indira Gandhi Krishi Vishwavidyalaya at Raipur, Chhattisgarh  
(29<sup>th</sup> October to November 1<sup>st</sup>, 2018)

The R&D efforts made in the 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 and policy makers at all levels. There is now a large R&D network in the country with establishment of several institutions and launching a number of developmental programmes. Horticulture has come out of village confines to the urban areas. The society has been organizing congresses biennially since 2004. The seven earlier congresses on different topical issues were successfully organized at New Delhi (2004, 2010 & 2016), Shillong (2007), Bhubaneswar (2008), Ludhiana (2012) and Coimbatore (2014).

It is now proposed to hold the **8<sup>th</sup> Indian Horticulture Congress-2018** at Indira Gandhi Krishi Vishwavidyalaya at Raipur, Chhattisgarh from **October 29<sup>th</sup> to November 1<sup>st</sup>, 2018**. The following themes/ sub-themes have been identified for the Congress

### **Crops Covered**

All horticulture crops namely, Fruits, Vegetables & Tuber Crops, Floriculture, M&A Plants, Spices, Plantation Crops, Bamboo and Mushroom

### **Themes/Sub-themes**

- **Innovative Production Systems:** Urban and Peri-urban horticulture, Protected Cultivation, Hydroponics, Aeroponics and Vertical Farming
- **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, processing and export), breeding of rootstocks, Harnessing underutilized crops, QTL mapping, genome editing, use of molecular markers, application of omics, transgenes, csgenics, genotyping chips, NGs and bio-informatics.
- **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
- **Managing Pest & Diseases:** Emerging Pest problems, modern approaches for diagnostics disease protection, disease & pest dynamics under climate change, new molecules and botanicals, bio-control for enhancing productivity and quality; safe food, pesticide residues and environmental issues.
- **Horticultural Engineering:** Mechanisation and automation, sensors, robotics, drones, customized tools and implements, use of non-conventional energy.
- **Post-harvest Management:** Post harvest handling protocols, emerging post harvest technologies, ozonation, UV treatments, irradiation, nano encapsulation
- **Value Addition:** Minimal procession, Thermal and non-thermal processing, functional foods, field and industrial waste.
- **Quality Planting Material:** Innovation in production of elite quality planting material/seed, diagnostics, plug plant production and vegetable grafting.
- **Innovation in Social Sciences and Horti-business:** New Startups in Horticulture sector, employment generation, extension innovations, capacity building and skill development, Public Private Partnership (PPP) in extension, ICT in agriculture,

Advisory services and Policy needs in horticulture, GAP, Certification, Farmer-Producer Organisations (FPO).

- **Opportunities in Horticulture R&D in Chhattisgarh:** Horticulture research and development in Chhattisgarh; Tribal area Horticulture led development models, Developmental schemes and their impact, crops insurance and marketing innovations, promotion of ethnic crops and ITKs in Horticulture, Successful entrepreneurs and PPP models.

#### **Presentations**

The Congress will cover lead, oral and poster papers. While lead papers are being invited, suggestions for oral papers related to different themes indicating the title of the paper and the speaker (from within or outside country) are invited by the Programme Committee latest by 15.05.2018. All members/ non-members of the HSI, students, farmers, foreign delegates and representative of corporate sector are invited to participate.

#### **Important Dates**

|   |                                  |
|---|----------------------------------|
| Last date for receiving abstract(s)     | : June 30, 2018                  |
| Last date for sending acceptance letter | : July 30, 2018                  |
| Last date for sending full length paper | : August 31 <sup>st</sup> , 2018 |
| Last date for sending registration fee  | : September 30, 2018             |

#### **Registration Fee**

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

| Category                      | On time   | With late fee |
|-------------------------------|---|---------------|
| Corporate sector              | 12,000/-  | 13,000/-      |
| Nonmembers of HSI             | 10,000/-  | 11,000/-      |
| HSI members                   | 7,500/-   | 8,500/-       |
| Students and Research Fellows | 3,000/-   | 3,500/-       |
| Farmers                       | 2,500/-   | 2,500/-       |
| Foreign delegates             | SAARC countries (US\$ 150) others US\$ 200 or € 150 |               |

#### **Further Correspondence**

*Further correspondence can be made with the following members of Organizing Committee:*

|  |   |
|--|---|
| <b>Chairman,</b><br><b>National Organizing Committee</b><br><b>Dr K.L. Chadha</b><br>President<br>The Horticultural Society of India<br>F-1, Societies Block, NASC Complex,<br>DPS Marg, Pusa, New Delhi 110 012<br>Phone-011-25842127<br>Mob.: 9312005646 | <b>Chairman,</b><br><b>Local Organizing Committee</b><br><b>Dr. S.K. Patil</b><br>Vice-Chancellor<br>Indira Gandhi Krishi Vishwa Vidyalalya, Krishak Nagar,<br>Raipur- 492 012,<br>Chhattisgarh<br>Phone: 0771- 2443419<br>Mob.: 9425515922               |
| <b>National Organising Secretary</b><br><b>Dr S.K. Singh</b><br>Secretary, The Horticultural Society of India<br>F-1, Societies Block, NASC Complex,<br>DPS Marg, Pusa, New Delhi 110 012<br>Phone-011-25842127<br>Mob.: 8920968154                        | <b>Local Organising Secretary</b><br><b>Dr S S Rao</b><br>Director Research Services<br>Indira Gandhi Krishi Vishwa Vidyalalya, Krishak Nagar,<br>Raipur- 492 012, Chhattisgarh<br>Phone: 0771- 2443035<br>Mob.: 9425525597                               |
| <b>National Co- Organising Secretary</b><br><b>Dr Jai Prakash</b><br>Joint Secretary,<br>The Horticultural Society of India<br>F-1, Societies Block, NASC Complex,<br>DPS Marg, Pusa, New Delhi 110 012<br>Phone-011-25842127, Mob.: 8920968154            | <b>Local Co- Organising Secretary</b><br><b>Dr Dhananjay Sharma</b><br>Sr. Scientist (Vegetable Science),<br>College of Agriculture,<br>Indira Gandhi Krishi Vishwa Vidyalalya<br>Raipur- 492 012, Chhattisgarh<br>Phone: 0771- 6888871, Mob.: 9425213533 |
| Congress E-mail: <a href="mailto:ihc2018hsi@gmail.com">ihc2018hsi@gmail.com</a><br>Website: <a href="http://www.hsi1942.in">www.hsi1942.in</a>   |   |