



Indian Horticulture Summit – 2020

Theme : Mitigating Climatic Changes and Doubling Farmers' Income through Diversification

Society for Horticultural Research and Development (SHRD), Ghaziabad

**Mahatma Gandhi
Chitrakoot Gramodya Vishwavidyalaya,
Chitrakoot, Madhya Pradesh
(14-16 February 2020)**



Co-sponsors



Background

Horticulture, consisting of fruit, vegetable, flower, tuber, spices, plantation, medicinal and aromatic crops, mushroom etc., contributes more than 30 per cent towards the agriculture GDP. The credit goes to meaningful partnership between all the stakeholders comprising scientists, researchers, extension personnel, policy-makers, extension specialists, innovative farmers/*malies* etc. The importance of horticulture in day-to-day life is like a panacea, made unexpected strides in recent past, thereby, surpassed the foodgrain production by nearly 30 million tons, which in coming years is expected to make much bigger strides. Despite, such revealing success, quality production coupled with low productivity and profitability in several crops are still a cause of serious concern. The Government of India through visionary initiatives of our beloved Prime Minister of India has launched some redefining steps to give the agriculture, the much needed fillip through organic farming, soil health card, look towards each (a mega basket of organic horticultural produce), crop per drop through micro irrigation etc., to name a few out of so many initiatives need to be fitted with horticultural crops to derive maximum dividends to Indian farming community and develop a kind of unfailing preparedness to address the future challenges into opportunities in galore. Therefore, the stronger intervention of innovative horticultural technologies is, thus, envisaged to have an in-depth scientific review of what we have achieved and how shall we go about in future to perch horticulture as a more vibrant and responsive industry in tune with changing demand, especially menacing climate change-related issues, where doubling the farmers' income would find the core agenda of the proposed summit.

The Society for Horticultural Research and Development, Ghaziabad, Uttar Pradesh, India, in collaboration with the Mahatma Gandhi Chitrakoot Gramodya Vishwavidyalaya, Chitrakoot, Gautam Kallu Research and Development Foundation, Varanasi and Sewa International, Bharat, has proposed to hold the Indian Horticulture Summit-2020 during 14-16 February 2020 at the Mahatma Gandhi Chitrakoot Gramodya Vishwavidyalaya at Chitrakoot (Madhya Pradesh).

Objectives

The Summit-2020 will encompass following objectives:

- Explore the diversity of under-exploited/lesser-known indigenous horticultural crop species having diversified nutritive and nutraceutical value
- Diversification in horticulture in non-traditional areas
- Technologies for doubling farmers' income through horticulture
- New generation tools and techniques for crop improvement.
- Crop health management issues : Technological interventions
- Climate-resilient horticulture and long-term production sustainability
- Hydroponic horticulture

Summit Themes

The Summit will focus on following themes session-wise:

- **Quality Seed and Planting Material:** Production of quality seed and planting material to meet the nation-wide galloping demand
- **Crop Production Technologies :** Breakthroughs in crop production technologies of horticultural crops
- **Urban and Peri-Urban Areas :** Production technologies ideally suited to urban and peri-urban areas, emphasizing on protected cultivation, hydroponics, aeroponics and vertical farming
- **Improvement and Breeding Approaches:** Genetic Resources for trait-specific breeding, pre-breeding for abiotic and biotic stresses, next generation breeding (nutrition, quality, processing and export), breeding of rootstocks, harnessing underutilized crops, QTL mapping, genome editing, use of molecular markers, application of OMICS and bio-informatics.
- **Improving Productivity and Quality :** Canopy architecture, high-density planting, use of rootstocks, developments in biofertilizers usage, fertigation and open field hydroponics, organic horticulture, conservation horticulture, zero budget farming, deficit irrigation
- **Managing Plant Health :** Emerging pest problems, modern approaches of diagnostics

for in-field disease diagnosis, new molecules and botanicals, bio-control for enhancing productivity and quality, pesticide residues

- **Mechanization in Horticulture** : Mechanization and automation, sensors, robotics, drone farming, customized tools and implements, use of non-conventional sources of inputs
- **Secondary Horticulture** : Post-harvest handling protocols, pre-harvest treatments for increasing post-harvest life, emerging post-harvest technologies, nano-encapsulation, smart packaging, value added products, minimal procession, thermal and non-thermal processing, functional foods, waste utilisation
- **Social Sciences and Horti-business** : New start-ups 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, farmers' - Producer organisations (FPO).
- **Climate Change and Horticulture** : Rhizosphere ecology, crop phenology and climate change, changes in dynamics of insect, pests and diseases vis-à-vis climate change, crop modelling for forecasting outbreaks in pests and diseases

Participants

The Summit is open to all stakeholders interested in horticultural R&D and related sectors, namely representatives from both public and private sectors, central and state government ministries, scientists and students from agricultural institutes and universities, farmers, representatives from international agencies, farmers' associations, agri-input associations (like seeds, fertilizers, plant protection chemicals, growers association, NGOs, etc. The deliberation of the Summit shall be in English.

Awards of the Society

The Society recognizes the contribution of R&D personnel in different fields for the development of Horticultural Science and Horticulture Sector as such in the country. Therefore, the Society for Horticultural

Research and Development has instituted various awards in different fields, viz. lifetime achievements award, distinguished scientist award, young scientist award, best thesis award, fellowships of the society, women scientist award, best farmer award, best research paper award published in the *Current Horticulture* etc. Best oral and poster presentation awards will be given in each session. Applications for awards along with relevant biodata may be sent at E-mail: hortsommit@gmail.com. All awards will be decided by the high-profile committee.

Presentation

The Summit will cover lead, oral and poster presentations in each session.

Lead Papers : Lead papers on specific topics highlighting the central theme of each session will be invited by the organising committee on the basis of suggestions received. This slot is reserved for those scientists known for their scientific intellect.

Oral Presentations : Both members and non-members of society within India and abroad shall be considered for oral presentation subject to the relevance of the title and experience of the scientist related to the subject to the presentations shall be state of the art report.

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 four-day event. Abstract(s) of only registered authors will be published.

The extended abstracts (about 2 pages) of these papers are required to be submitted within a fortnight of request, while the full-length papers will be required to be submitted latest by for publication of proceeding and release during the inaugural session.

Field Visits

There will be field visits to nearby places for scientific interaction.

Abstract

The abstract should be prepared in MS word not exceeding 250 words. It must contain a clear title, name and affiliation of the authors. 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 email and/or by post along with a soft copy. The detailed specifications for preparing the poster paper (size 4½' x 3'), would be mailed to those authors whose abstracts are accepted for presentation.

Important Dates

Last date for receiving abstract(s)	: 20 December 2019
Last date for sending acceptance letter	: 15 January 2020
Last date for sending full length paper	: 30 December 2019
Last date for sending registration fee	: 30 November 2019

Registration Fee

Registration fee for Participants

Category	On time	With late fee
Corporate sector	₹ 12,000/-	₹ 13,000/-
Non-members	₹ 9,000/-	₹ 9,500/-
Members	₹ 7,500/-	₹ 8,000/-
Students/Research Fellows	₹ 3,000/-	₹ 3,500/-
Farmers	₹ 2,500/-	₹ 2,500/-
Foreign Delegates	SAARC countries (US\$ 150) others US\$ 200 or • 150	

About Chitrakoot

The Chitrakoot is a world famous religious and historic place located in Bundelkhand region of Madhya Pradesh (India). It is a famous pilgrimage centre as well. The venue is well connected with road and air. You can reach Chitrakoot through major modes of transportation like air, train and road. Chitrakoot is easily accessible from all major cities of India. The Allahabad and Khajuraho airports are nearest from Chitrakoot. You can travel Chitrakoot by [Sampark Kranti](#) and [Mahakoshal Express](#) trains from Delhi Railway stations.

Accommodation

There is a limited guesthouse accommodation available in the university and neighbouring guesthouses.

However, other medium level hotels are available for which special rates for stay and breakfast have been negotiated. Correspondence for accommodation should be directed to Dr Shiv Shankar Singh, Local Convenor.

Sponsorships

The organizers seek support from different stakeholders, especially the government and non-governmental organizations to make this academic event, a grand success. The sponsorships in following categories will be welcomed.

Summit Co-Sponsor (₹ 5.0 lakh)

Organization/Company's logo on event brochure, backdrops, publications, distribution of promotional material if any, colour advertisement one full page and four complementary delegates

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Lunch/dinner sponsor (₹ 3.5 lakh)

Organization/Company's logo on event brochure, backdrops, publications, distribution of promotional material if any, colour advertisement one full page and two complementary delegates.

Single lunch/dinner sponsor (₹ 1.5 lakh)

Banner during the event

Single Hi Tea (₹ 1.0 lakh)

Banner during the event

Advertisements

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Full Page (colour)	:	₹ 25,000/-
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Further Correspondence

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on

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Venue : Mahatma Gandhi Chitrakoot Gramodya Vishwavidyalaya, Chitrakoot, Madhya Pradesh

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REGISTRATION FORM

(Xerox copy of this form may be used)

I am interesting in participating the Indian Horticulture Summit-2020 as a Delegate/ Sponser

Name (Capital Letters) :

Designation :

Organization :

Address for communication (with E-mail and Mobile No.) :

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Title of the Paper :

.....

Details of Theme (Oral or Poster) :

.....

Registration Fee : Cash/DD :

DD No. : Date :

For NEFT/Online Transfer: **A/c No.:** 33189034698; **IFSC Code:** SBIN 0008110; **SBI**, Kamla Nehru Nagar, Ghaziabad 201 002

Accommodation required : Yes / No (ICAR /Hotel) Please tick (✓) if yes.

Accompanying persons, if any :

.....

Travel Plan : From to

Particulars	Date	Time	Flight / Train / Road
Arrival
Departure
Date :	Place :	Signature of the Participant	

Registration form is also available on the website www.currenthorticulture.com.

Kindly send dully filled in Registration Form along with Registration Fee to:

Secretariat

ICAR-All India Coordinated Research

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