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# PROGRESSIVE HORTICULTURE CONCLAVE (PHC) 2024

आत्मनिर्भर भारत हेतु औद्यानिक तकनीकियां  
Horticultural Technologies for a Self-Reliant India

**JANUARY 18-20, 2024**

**ORGANISED BY**  
Progressive Horticulture-Society for  
Horticultural Research & Development (SHRD)  
Uttarakhand, India



IN COLLABORATION WITH  
ASPEE COLLEGE OF HORTICULTURE  
NAVSARI AGRICULTURAL UNIVERSITY  
NAVSARI – 396 450, GUJARAT

India is bestowed with several agro-climatic zones conducive to the production of a wide range of horticultural crops. Globally India is the second largest producer of fruits and vegetables. It is the leading producer of Mango, banana, coconut, papaya, pomegranate etc. and is also ranked first in the productivity of grapes, bananas, cassava, peas, papaya etc. The country is the largest producer and exporter of spices in the world. Over the years, the horticulture sector has emerged as a prominent contributor to overall economic development in our country. The horticulture sector in India produces around 320 million tons of products and contributes about 33% of the Gross Value Addition (GVA). In view of the increasing demand for Indian Horticulture produce, fresh and processed products in the International market, the export of horticultural crops at all levels has picked up. Export growth of fresh fruits and vegetables in terms of value is 14% whereas processed fruits and vegetables is 16.27 %.

However, to fill the gap in domestic markets, a large number of horticultural commodities like fresh & processed fruits, vegetables, and flowers; plants/ seeds and other planting materials etc. are regularly imported. Moreover, other horticultural inputs, nutrients, growth regulators, tools/ machinery etc. are imported in sizable quantities every year. This not only makes us dependent on others but also puts a burden on exchequer. Findings of our researchers have shown that indigenous technologies are available to cut down the horticultural imports drastically, if adopted and managed properly. Horticulture is a labor-intensive sector and will provide a lot of employment opportunities, especially for the people of rural regions who form an integral part of the Horticulture ecosystem and are critical for a self-reliant India. Diverse and favorable geographical features in the country have been contributing to the development of the horticulture sector. In the backdrop of making India self-reliant (Atma Nirbhar), the task of achieving self-reliance and self-sustainability in the horticulture sector depends not only on infrastructure and governance reforms but on

suitable technologies/ varieties/ inputs, strategies & also policies required in curbing our horti-imports and finally increasing farmers' income. Thus, the need of the hour is to identify the potential areas/ technologies and formulate strategies for boosting domestic production of imported items/ materials. Considering the above, the 3<sup>rd</sup> Progressive Horticulture Conclave (PHC) – 2024 is being organized jointly by Progressive Horticulture- Society for Horticultural Research and Development (SHRD), Uttarakhand and Navsari Agricultural University, at Navsari (Gujarat) during January 18-20, 2024. This is the march from Dandi to attain freedom from foreign imports ...a contribution of Horticulture towards building a self-reliant (Atma Nirbhar) Bharat.

The concept of Progressive Horticulture Conclave (PHC) is unique in providing an open platform for all stakeholders viz., researchers, teachers, extension/ development agencies, scholars, farmers, industries/businessmen, policymakers, etc. to have complete and overall reviews and updates with a multidisciplinary approach. The deliberations, and exhibitions during this event generates enormous interest among the horticultural fraternity and delivers many useful recommendations for consideration by different implementing agencies. The First PHC-2019 was organized during 8-10 December 2019 at ICAR-CISH, Lucknow and the Second PHC-2022 was held during 3-5 February, 2023 at GBPUAT, Pantnagar.

The Organizing committee deems it an honour to invite all its stakeholders associated with horticulture and allied sectors and representatives from the public/private sector, central and state government departments, scientists and students from institutes and universities, entrepreneurs/ farmers, banks and financial institutions, representatives from media, international agencies, farmer's associations, agri-input suppliers, etc. The official language of the conclave will be both English and Hindi.

## The Major Events at PHC-2024

**Presentations:** PHC 2024 will provide an opportunity for lead and invited lectures, Pannel discussions and oral and poster presentations in each of the thematic areas based on the selection of the abstracts by the competent committee. Detailed presentation schedules and guidelines will be made available on the society's website: [www.progressivehorticulture.in](http://www.progressivehorticulture.in) and to the emails of respective participants.

**Lead/Invited Papers:** Lead papers on topics pertinent to the theme of the technical sessions will be invited from leading researchers/academicians/authorities. Full-length lead/Invited papers will be published in the conference compendium. Details will be available on the society's website [www.progressivehorticulture.in](http://www.progressivehorticulture.in)

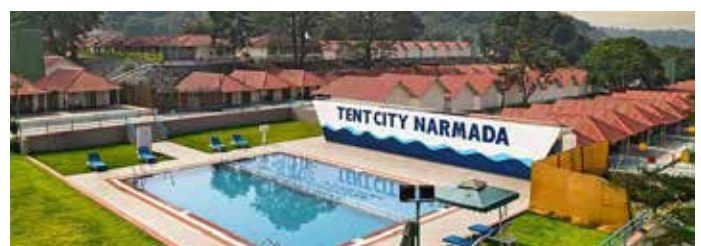
**Oral and Poster Presentations:** The abstracts received by the deadline date will be peer-reviewed and screened by the competent committee for mode of presentation. Abstracts of only registered participants will be published in the book of abstracts and presented in oral/ poster form during the three-day event. Detailed guidelines for oral/ poster presentation will be made available on the society's [www.progressivehorticulture.in](http://www.progressivehorticulture.in) and through the emails of respective participants.

**Exhibition:** PHC 2024 will also host a horti-exhibition demonstrating new future technologies, products, and publications. It will be open to all Government and private sector organizations. Interested companies and institutions may contact the local organizing committee.

**Awards:** The society will also honour/ felicitate various

personalities with Fellowship and Awards namely- Life Time Achievement Award\*, Horticulture Leadership Award\*, Fellow of PH-SHRD\*, Outstanding Horticulture Teacher Award\*, Dev Bhoomi Bhagwani Puraskar#, Gangotri Udyamita Puraskar#, Outstanding Extension/ Development Award#, Himadri Young Scientist Award# and Budding Scientist Award#. These awards will be conferred during the inaugural(\*) and valedictory(#) sessions of PHC 2024. Besides these, the best oral and poster presentations in each session will be judged and awarded during Valedictory functions.

**Call for Abstracts:** The abstracts should be submitted in the following defined thematic areas. The 250-word abstract should be in MS Word, Times New Roman, 12 font size containing a short title, name and affiliation of the author (s), introduction of problem, methodology followed, and experimental results with conclusion. The e-mail address of the corresponding author must be mentioned. The top right side of the abstract MUST mention the name of the Technical Session opted. The guidelines for oral/poster presentation will be made available on the society's website: [www.progressivehorticulture.in](http://www.progressivehorticulture.in) and by emails to respective participants.



## Technical Sessions:

Session	Thematic Area
I	Thesis Research, Teaching & Scholars' Issues (including Budding Scientist Presentations)
II	Research & Projects-Issues & Strategies
III	Future Crops & Varietal Development for Self-reliance
IV	Seeds, Planting & Nursey Materials
V	Innovative Production Technologies for Indian Needs
VI	Safe & Toxin Free Production/Protection Technologies
VII	Effective Post Harvest Management & Processing
VIII	New Tools & Techniques for Future Horticulture
IX	Technology transfer, Horti-Business & Policy Issues
X	Understanding Farmer's and Industry issues for self reliance

## Registration Fees for the PHC-2024

Category	Registration Fee (Rs.)	
	Early bird till Dec. 20, 2023	After 20 Dec. 2023
For Member PH-SHRD: Scientists/ Teachers/ Extension Specialists –	5000/-	6000/-
For Non-Member PH-SHRD: Scientists/ Teachers/ Extension Specialists	6000/-	7000/-
Corporate Sector	7000/-	8000/-
Students* / Farmers	2500/-	3000/-

\*Students are required to produce a copy of their valid identity card with the registration form and certificate of not availing of any scholarship, duly endorsed by HoD.

### Important Dates/ Deadlines:

Abstract Submission: December 20, 2023

Notification of Acceptance of Abstract: December 30, 2023

Early Bird Registration: January 5<sup>th</sup>, 2024

Submission of Full-length paper: January 10, 2024

### The Payment Details:

It is advisable that delegates must get registered in advance by filling the registration form and depositing the required registration fees in the account of "Progressive Horticulture Conclave 2024, Account no. 00000042321965043, IFSC Code: SBIN0003889 of State Bank of India, Dandi Road, (Eru) Navsari Agricultural University Navsari, (Gujarat)". The transaction details with the duly filled registration form ( Copy of ID card & and a certificate on non-availing any fellowship is required for student delegates) must be emailed to [proghortconclave@gmail.com](mailto:proghortconclave@gmail.com) and [achnauphc2024@gmail.com](mailto:achnauphc2024@gmail.com)

## About the University



The Navsari Agricultural University campus is located 3 km to the West of Navsari City. NAU has made remarkable progress in its tripartite activities i.e., Education, Research and Extension Education which was matched with growth in infrastructure and Human Resource Development since its inception. All constituent colleges of NAU, Navsari are accredited by "National Agricultural Education Accreditation Board" of ICAT, New Delhi up to March 31, 2026. As per the "Ranking of Agricultural Universities" conducted by ICAR, the NAU, Navsari was ranked XXII (2016), IX (2017), XIV (2018), XLII (2019) XXXI (2020) during the last five years. Moreover, consecutively for the last three years NAU, Navsari was also bestowed with 4-star rating by the Government of Gujarat under the GSIRF ranking. The research stations of NAU, received Best Performing AICRP center on fruits (2016, 2020, 2021), small millets (2017, 2022) and tuber crops (2018, 2020, 2021), IFS (2021) and sugarcane (2018). Apart from this, the NAU, Navsari has also bagged many awards at the national level for excellence in its mandated activities and some of them being Best Performing AICRP Centre on Tuber Crops and Small Millets, Pandit Dean Dayal Upadhyay Krishi Vigyan Protsahan Puruskar Award to KVK, Tapi and Best usage of J-Gate@CeRa award to NAU Central Library.

### About ASPEE College of Horticulture (NAU)

ASPEE College of Horticulture is a prime institute providing Horticulture education and research in the state. The college was approved by Krushi and Gram Vikas Vibhag of the Government of Gujarat and started in November, 1988 at Navsari (Gujarat) and initially established with the name "ASPEE College of Horticulture and Forestry" with the vision to bring out trained human resource and research in two major field i.e. horticulture and forestry sectors. For starting this college generous donation was provided by ASPEE Foundation for Agriculture and development, Malad, Mumbai and therefore, the college derived its name as ASPEE College of Horticulture and Forestry. With the formation of separate university on May 1, 2004, the college become an affiliated college of Navsari Agricultural University. The Horticulture college is a premier institute of the State catering to the demands of the region/state/nation and is accredited by Indian Council of Agricultural Research (ICAR), New Delhi. During April 2021 up to May 2026,. In January 2023 the college renamed as ASPEE College of Horticulture as a separate faculty in the University. ASPEE College of Horticulture provides ideal environment for teaching and research through well planned teaching facilities with well-established buildings, research farms, state of art laboratories, library, reading room, conference/seminar halls and hostel.

## The Society

The genesis of the Society of Horticultural Research and Development (PH-SHRD), dates back to March 1969. Initially, it was registered as the Hill Horticulture Development Board (HHDB) at the Horticulture Experiment and Training Centre (HETC), Chaubattia, Ranikhet, Almora, Uttar Pradesh (Now Uttarakhand). The Promotion of research in Horticulture and publication of research journal was the dream of Dr. SS Teotia, the then Director, of the Directorate of Fruit Utilization, Government of Uttar Pradesh. A quarterly journal "Progressive Horticulture" was first published in April-June 1969. Since then, the journal has successfully completed 55 volumes of its publication. Luminaries in the field like Dr J N Seth, Dr R P Srivastava, Dr D S Rathor, Dr S D Lal Mishra, Dr P L Gautam, and Dr H P Singh have contributed immensely toward the growth of society, and its journal, which is regularly publishing significant research pertaining to horticulture. Presently the Society is marching under the able and dynamic leadership of Prof R K Pathak, as its President. Progressive Horticulture is the second oldest journal of horticulture in the country, widely cited by the scientific fraternity. Presently, the journal is published bi-annually in the months of June and December. The journal is available online at [www.indianjournals.com](http://www.indianjournals.com) and on its website at [www.progressivehorticulture.in](http://www.progressivehorticulture.in)

## How to reach Navsari

Navsari is close to Surat and the famous freedom moment place Dandi in Gujrat. It is well connected by bus, train, and

air. Surat (30 km) and Mumbai (245 km) are the nearby airports and railway stations.

## Accommodation:

A limited number of Pre-registered delegates will be accommodated in the University Guest Houses, on a first-come-first-serve basis. Kindly indicate your preference in the registration form to facilitate accordingly. Accommodation may be requested on or before 31 December 2023. Accommodation for other guests will be arranged in the hotels located in Navsari. Guests are requested to contact directly the hotels for reservation (online mode). The approximate tariffs of the hotels are as follows:

Occupancy	Hotel Royal Regency	GD Hotel	Fun City Hotel
Double (Apprx.)	Rs 2200/- + Tax	Rs 1800/- + Tax	Rs 2000/- + Tax
Contact Number	9727520000	9227871115	



# NATIONAL ADVISORY COMMITTEE

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**Dr. Basant Ballabh**, Treasurer, PH-SHRD/DIBER-Haldwani

## PHC Coordinator

**Dr. Sanjai K. Dwivedi** - Editor-in-Chief,

Prog Hort./ DRDO, New Delhi

## The PHC 2024 Secretariat:

Dr. Alka Singh, Organising Secretary

ASPEE College of Horticulture

NAVSARI AGRICULTURAL UNIVERSITY

NAVSARI GUJARAT INDIA

Email: [achnauphc2024@gmail.com](mailto:achnauphc2024@gmail.com) and

[proghortconclave@gmail.com](mailto:proghortconclave@gmail.com)

## LOCAL ORGANISING COMMITTEE

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**Dr. C. G. Intwala** – Prof. and Head, Veg. Sci., NAU, Navsari

**Dr. V. K. Parmar** – Prof., Head of Fruit Sci., NAU, Navsari

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**Dr. Lalit Mahatma**- ADR, NAU, Navsari

**Dr. C. R. Naik**-Comptroller NAU, Navsari

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**Dr. Parag Pandit** - Deptt. of PHT, NAU, Navsari

**Dr. H.P. Shah** - Deptt. of Floriculture NAU, Navsari

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**Dr. Vipul Shinde** - NAU, Navsari

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## REGISTRATION FORM

- Name(Dr/Mr/Ms) .....
- Designation.....
- Organization:.....
- E-mail Address: .....
- Mobile No. :..... Alternative No.....
- Details of Payment Rs.....Registration Category .....
- Mode: Draft/Multi City/ Cheque/RTGS /.....
- Bank Details:.....
- Ref No. & Date:.....
- Title of the paper(s): .....
- The session.....  
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- I am only attending the conclave:
- I am presenting the paper: Yes/No
- I am enclosing the abstract: Yes/No
- Accompanying Person (if any): Yes/No
- Arrival detail Date.....Time.....Place.....Mode.....
- Departure detail Date.....Time.....Place.....Mode.....
- Any other information .....

Date :

Signature

Email : [proghortconclave@gmail.com](mailto:proghortconclave@gmail.com) / [achnauphc2024@gmail.com](mailto:achnauphc2024@gmail.com)