

# INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENT IN HORTICULTURAL RESEARCH AND DEVELOPMENT

3-4 December 2022  
BARC Seminar Hall, Dhaka  
Bangladesh

FIRST ANOUNCEMENT



**Jointly Organized by  
Bangladesh Society for  
Horticultural Science (BSHS)  
&  
Bangladesh Agricultural  
Research Council (BARC)**

# Welcome Message

Dear Colleagues and Friends

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Nevertheless, the world has made advances in reducing hunger and protein malnutrition, yet miles to go to reduce micronutrient (vitamins and minerals) malnutrition, which is estimated to affect the health of up to two billion people in the world. This need is recognised in UN Sustainable Development Goal-2 (SDG2). Worldwide Fruits and Vegetables research and development organization are making relentless efforts to achieve the goals. Increased production of horticultural commodities (both primary and processed) brings many other benefits to people, especially smallholder farmers and other value chain participants, employment opportunities throughout the value chain, empowerment of women and more sustainable agricultural development.

In the above context the Bangladesh Society for Horticultural Science on its 50th anniversary of its establishment is going to organize an International Conference on "Recent Advancement in Horticultural Research and Development". On behalf of the Conference Organizing Committee, it is our great pleasure and honour to invite you to the Conference scheduled to be held at BARC, Seminar Hall, Dhaka Bangladesh during 3-4 December, 2022 under the theme "Recent Advancement in Horticultural Research and Development". The conference will be Organized jointly by the Bangladesh Society for Horticultural Science (BSHS) and Bangladesh Agricultural Research Council (BARC). To showcase the latest achievements and research progress in the field of horticulture, and promote communication and cooperation among world experts and policy makers BSHS is organizing this conference.

ICRAHRD 2022 will be a platform aimed at sharing recent research and development findings and innovations in various fields of horticulture and creating a network of technical cooperation among horticulturists and relevant parties will be included in two-day scientific program.

Researchers, professors, students, government agencies, associations, growers, entrepreneurs and other professionals having interest in horticulture are cordially welcomed to ICHRD 2022. You will be able to meet your friends in horticulture sphere and share knowledge and experiences.

We look forward to welcoming you all.

With kind regards

Dr. Md. Saleh Ahmed  
President of the Bangladesh Society for  
Horticultural Science

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## **ABOUT BANGLADESH SOCIETY FOR HORTICULTURAL SCIENCE (BSHS)**

Bangladesh Society for Horticultural Science was established, in 1972 with Mr. A.S.M Kamal Uddin and Dr. Abu Hena Md. Faruque as the Founder President and General Secretary respectively as the first agricultural professional society in Bangladesh. At present the society has 537 members. It is absolutely a non-political organization established to promote and encourage national international interest in scientific research, education and extension in horticulture and to safeguard rights and privileges of its members through:

1. Participation and offering of leadership in matters related to horticultural research and development.
2. Development of mutual understanding and professional interest among individuals concerned with the Science of Horticulture.
3. Organization of national/international seminars, debates, symposia, exhibitions and other Literary activities including annual conferences of the society to provide a forum for research reporting, lectures and public discussion on Horticultural matters.
4. Organization of fruit, flower and vegetable shows, establishment of nurseries and providing technical assistance to the people interested in Horticulture.
5. Dissemination of Horticultural knowledge by organizing short courses and publishing scientific journals, books and other publications in print or electronic form of the society.

## ABOUT THE CONFERENCE

Horticulture is the most important and vital component of agricultural economy both in developed and developing countries. It contributes to food and nutrition security, income diversification for smallholders, job opportunities for both men and women workforce along the value chain, earns foreign exchange. Nonetheless, with the expansion of world's population traditional food production is under pressure due to climate change, shrinking land and water resources, rapid urbanization, and change of human food habit, aesthetic needs, etc. In order to meet the demands in the domestic and global market, it is crucial to expand the scope of horticulture beyond the traditional food production (fruits, vegetables, tubers, spices) to sophisticated art and science embracing floriculture & landscaping, indoor and outdoor urban gardening, interior decoration, etc.

The horticulture sector has undergone significant changes over the last several decades, and new technologies like high-tech greenhouse horticulture like sensors, energy solutions, protected production technology and robotics have also emerged in this sector. Thus, understanding the research and developments in horticulture science is vital in assessing sustainable systems. This conference shall provide the platform to discuss trends and innovations in the field.

**The International Conference on Recent Advances in Horticultural Research and Development** aims to bring together leading academic scientists, researchers and research scholars, extensionists, industrialists, and entrepreneurs to exchange and share their experiences and research results on all aspects of Horticultural Research and Development. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the

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## STRUCTURE OF THE CONFERENCE

The event will bring together the Scientists, Researchers, Academicians, Extensionists and Entrepreneurs from all over the world, especially from Asian countries either physically or virtually to discuss the latest technological interventions, sustainable solutions for improving horticultural production, processing, nutritional security, quality and supply chain resilience.

## THEMATIC AREAS

The conference will focus on the following themes:

1. Production and Management of Horticultural Crops
2. Horticultural Crops Breeding, Genetics and Genomics
3. Hi-Tech in Horticulture
4. Value Addition & Processing Horticultural Crops
5. Landscape and Floriculture
6. Supply Chain and Hortipreneurship
7. Horticulture Advisory Services in Bangladesh
8. Status of Horticulture Technology Adoption
9. Education in Horticultural Development
10. Climate Smart Horticulture

## OBJECTIVES

The inherent aims of the conference are to:

- Provide platform for Horticulturists, Researchers, Academicians, Extensionists, Hortipreneurs, and those connected with horticulture and its industry to share their R&D and innovations.
- Create a network of technical cooperation among Horticultural Researcher as well as to enhance trading of horticultural commodities.
- Promote economic and social cooperation culture.

## CALL FOR THE ABSTRACT SUBMISSION

Researchers, Scientists, policymakers, academicians, Extensionists are invited to submit an abstract on any conference themes or related areas to any of the Contact Person of the Conference Organizing Committee either physically or through email within 31 August 2022. All abstracts will be peer reviewed by 15 September 2022. Authors of the selected abstracts will be asked to submit full manuscript by 15 October 2022 and for presentation by one of the authors. Poster presentation will also be encouraged in the conference. Accepted full papers will be published in the special issue of **Bangladesh Journal of Horticulture**, the official journal of the 'Bangladesh Society for Horticultural Science'. All accepted abstracts will be published in the conference proceedings.

## ABSTRACT SUBMISSION GUIDELINES

**Please follow the guidelines in submitting an abstract**

1. Abstracts should within 250 words written within one page .
2. submitted abstract should include non-published data
3. Abstract previously presented will not be accepted
4. one may submit more than one abstract. However, presenters that are accepted for oral presentation will be allowed to present only one. Additional accepted abstracts will therefore be poster only.
5. One abstract may be submitted by more than one authors. The presenting author must be listed as the first author.
6. The presenting author is required to ensure that all co-authors are aware of the content of the abstract before submission.
7. The submitting author(s) will receive all correspondence about the abstract, so details of submitting author(s) along with the presenting author need to be entered.
8. Successfully submission of abstract(s) will be confirmed through e-mail. If any submitting author do not receive a confirmation e-mail can contact us.
9. Format of the Abstract: Abstract must be submitted with the following sections.
  - i) Abstract Topic: Abstract must be allocated to a specific theme.
  - ii) Abstract Title: Limited to 20 words in UPPERCASE.
  - iii) Author(s): Abstract title will be followed by author(s) name(s) and their affiliations (Department/Institute/University/ Place/country) and a corresponding email address.
  - iv) Abstract Text: Abstract text will be limited to 250 words (Times New Roman; 12 font size) consisting of problem statement, objectives, brief methodology, results & discussions and concluding remarks
  - v) Keywords: 5-6
10. Abstract must not contain any data, figure or table.
11. Presenting author's contact details (should be the same details as the submitting author so that the presenting author receives the correspondence about the abstract:
  - i) email
  - ii) Full postal address
  - iii) Contact number
  - iv) Full first and family name(s)

**FULL LENGTH PAPER SUBMISSION GUIDELINES**

1. Aim and scope: The articles related to themes proposed in International Conference on "Recent Advancement in Horticultural Research and Development (ICRAHR&D)"- 2022 will only be considered. Both research and review articles will be accepted. The article must fall into the aim and scope of ICRAHR&D-2022.
2. The research articles submitted for publication in the Journal should contain data not older than 3 years on the date of their receipt.
3. Articles should be divided into the following sub-sections:
  - Title
  - Abstract
  - Keywords
  - Introduction

- Materials and Methods
- Results and Discussion
- Conclusion
- Reference

Tables and figures should be appended at the end of the text.

4. The article must be formatted in APA, Font size and style should be as follows:

Heading- Timea New Roman (TNR) 18 pt Bold.

Sub-heading-1: (numbered as 1, 2, 3, etc.), font-TNR 14 pt. all caps (bold)

Sub-heading-2: (numbered as 1.1, ....., 2.1, .....etc.) font –TNR 14 pt. capitalize each word (bold)

Sub-heading-3: (numbered as 1.1.1, ....., 2.1.1, .....etc.) font-14 capitalize first word and sentence bold

Sub-heading-4: (numbered as 1.1.1.1, .....etc.) font-13 capitalize first word and bold the sentence  
Body Text- TNR 12 pt.

5. If the article is found suitable as per the journal standards, the author will have to modify it according to the Scopus indexed journal's guidelines. Later on, the peer review process will be carried out by the journal for quality assurance.

**LANGUAGE:** English will be working language of the conference

**REGISTRATION DEADLINE :** 31 August 2022

**ABSTRACT SUBMISSION DEADLINE:** 31 August 2022

REGISTRATION DETAILS AND SUBMISSION GUIDELINES

### Registration Form

Name : .....

Position : .....

Address : .....

Passport No. ....

Telephone/ .....

Cell phone: .....

e-mail : .....

Fax : .....

.....  
Signature      Date

### For Contact

1. Dr. Md. Saleh Ahmed  
Convenor, Organizing Committee for



International Conference on  
"Recent Advancement in Horticultural  
Research and Development-2022"  
Address:  
Cell:  
e-mail:

2. Md. Afzal Hossain Bhuyan  
Member Secretary, Organizing Committee  
For International Conference on  
"Recent Advancement in Horticultural  
Research and Development-2022"  
Address:  
Cell:  
e-mail:
3. Dr. Abdus Salam  
Convener, Scientific Sub-committee for  
International Conference on "Recent Advancement  
In Horticultural Research and Development-2022"  
Member Director, BARC

## FEES FOR PARTICIPATION

Honourable members of the society and participants are requested to pay the dues and registration fees before 15<sup>th</sup> October 2022. We are looking forward for your participation in the international conference on the occasion of the 50 years celebration of the Bangladesh Society for Horticultural Science.

### For Local Participants

Registration fee (for all members)	Tk. 1000.00
Registration fee (for student members)	Tk. 500.00
Annual fee (GM did not pay regular fees)	Tk. 1000.00
Annual fee (new general member)	Tk. 500.00
Fee (for new life member)	Tk. 10000.00
Entry fee (for all new members)	Tk. 200.00

### For foreign Participants

Early Registration (by 31 August 2022)	US\$ 200
Late Registration (by 31 August 2022)	US\$ 300

Member Secretary, Organizing Committee  
International Conference On The Occasion of  
50 Years Celebration of Bangladesh Society  
for Horticultural Science  
Address:



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