



First Circular



1st International Conference (Virtual Mode)

by GKV Society on

Recent Advances for Managing Sustainable Soil Health and Crop Production

February 18-20, 2022

Introduction

To meet the challenging demand of quality food and fibre for the ever increasing human population, efficient management of natural resources play a pivotal role in sustainable soil health and crop production. It is a matter of great concern that worldwide a large area of cultivated land is suffering from various forms of land degradation like chemical and physical deterioration. Abundant rain water need to be harvested and efficiently managed for enhancing sustainable crop productivity. Crop diversification, varietal replacement, water saving techniques, agricultural technological innovations, nanoproducts development, biosensor use and flexible calendar to fit under climate change scenario are some of the ways that have been investigated during the last decade to overcome these problems. Conservation agriculture has the potential for managing the declining soil productivity and improving the resource-use efficiency. Different biotechnological tools have been evaluated to improve quality as well as yield of horticultural produce for human health. Due to environmental problems and economic constraints, further increase in productivity and production to ensure soil security, food security and environmental quality will be possible through enhancing resource-use efficiency, nano-biotechnological tools, rather than exhaustive use of inputs and increase in area. Hence this conference is being organized with an objective to provide a platform to discuss their innovations and advancements for the researchers, extension workers, academicians and students working with advanced technological options in various domains of agriculture/horticulture/crop protection. Participants will likely benefit from deliberations during the conference in terms of knowing about the work done across the globe and the peer criticism and review during the conference

Themes and Sub Themes of the Conference

THEME 1: Natural Resource Management

- Precision Tools for Smart Management of Natural Resources
- Smart Approaches for Environmental Conservation and Ecology Management
- Mechanization and Digitalization in Agriculture
- Nanobiotechnological and Nanobiosensors for advancement in Agriculture

THEME 2: Crop Improvement and Crop Protection

- Breeding of Climate Resilient Crop Varieties
- Crop Diversification
- Application of Biofertilizers, Biopesticides and Crop Protectants

THEME 3: Horticulture, Post Harvest Technology and Engineering

- Advances in technology for nutritional enhancement in horticultural crops
- Value addition of horticultural produce
- Biotechnological interventions in horticultural crops and human health

Call for Abstracts

- Abstracts are invited from Researcher/ Policy makers/NGOs/farmers and entrepreneurs from various nation for active participation and presentation in both oral and poster categories.
- The Abstract should be less than 300 words typed in A-4 size, follow the format: 14 font size for title (bold), 12 for author names (bold), affiliation (Italics), abstract body and key words

(Italics).Font will be Times New Roman. Abstract should be submitted through this link: (<https://forms.gle/GEjabthj5aNzLUj9>)

- For oral and poster presentations, the registered participants shall only be allowed after screening by technical committee.
- Only one abstract is allowed for each registration. However, individual can be a co-author of abstracts submitted by other registered delegates.

Registration Form and Abstract Upload

Abstract Submission and Registration form: The abstracts need to be uploaded online while filling registration form through the following link: (<https://forms.gle/GEjabthj5aNzLUj9>)

Registration Fees:

National Participants

Academicians/Scientists/Professors/NGOs - Rs. 300/-
Students/Scholars/SRF/RA etc. – Rs. 200/-

International Participants – \$ 10

(Upload receipt through registration link)

Registration Payment Details:

Pay Registration fees through RTGS/NEFT/Online/UPI or mobile bank transfer in the following account:

Account Name: G.K.V. Society

Mobile No.: +91 9719211197

Account No.: 041401000023608

Bank Name: Indian Overseas Bank,
RBS College Branch, Agra (U.P.), India

IFSC Code: IOBA0000414

MICR Code: 282020004

Important dates:

Last date for Abstract Submission: **6 February 2022**

Last date of Registration: **13 February 2022**

Awards

- Lifetime achievement, Outstanding scientist award, Fellow of GKV society, Young scientist, Young woman scientist, Best M.Sc. and Ph.D. thesis awards for year 2021 will be given by the GKV Society, Agra
- To know the details and apply for the award, click the link: [http://www.gkvsociety.com/pdf/Awards%20oproforma%20for%20int.%20conference-converted%20\(2\).pdf](http://www.gkvsociety.com/pdf/Awards%20oproforma%20for%20int.%20conference-converted%20(2).pdf)
- Best Poster and Oral presenters will be felicitated with awards in each session.

Chairman

Dr. Vinay Singh
Secretary, GKV
Society, Agra, UP,
India

Convener

Dr. V.K. Sharma
ICAR-IARI, New
Delhi, India

Co-Convener

Dr. S.P. Pachauri
GBPUA&T, Pantnagar
Uttarakhand, India

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Dr. Sarvendra Kumar
ICAR-IARI, New Delhi

Joint-organizing Secretaries:

Dr. Indu Chopra
ICAR-IARI, New Delhi

Dr. Prasenjit Ray
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Co-organizing Secretaries:

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ICAR-IARI, New Delhi

Mrs. Ankita Trivedi
ICAR-IARI, New Delhi

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