



You are cordially invited to join us for the

NATIONAL CONFERENCE

On

**Significance of Plants in Climate Change Mitigation
and Adaptation in Era of Global Warming**

&

PHSS FOUNDATION AWARD CEREMONY

Date: Saturday, 21 December, 2024

Venue: Lotus Auditorium, CSIR-National Botanical Research
Institute, Rana Pratap Marg, Lucknow, Uttar Pradesh

Chief Guest: Jalpurush Dr. Rajendar Singh

Guest of Honour: Dr. A. Shasany FNA

Dr. Prabodh Trivedi FNA

Program Schedule

10:30 AM-11:30 AM	:	Inaugural Session and Award Ceremony
11:30 AM- 12 noon	:	High Tea
12 noon-01:40 PM	:	Keynote Lectures
1:40 PM-2:40 PM	:	Lunch Break
2:40 PM-04:45 PM	:	Award Lectures
4:45 PM-5:00 PM	:	Vote of Thanks and Closing Remarks

Note:

1. You are cordially invited to the Conference, Award Ceremony, and Lunch.
2. An online google form for registration is available on www.googleform.com . The registered participants will receive certificate for participation.

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on
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and Adaptation in Era of Global Warming
&
PHSS Foundation Award Ceremony

21st December 2024

Venue: Lotus Auditorium
CSIR-National Botanical Research Institute, Lucknow



Organized by
Professor H. S. Srivastava Foundation for Science and
Society, Lucknow

Conference Information

Among the pressing challenges faced by humanity today, climate change stands at the forefront. The rapid pace of industrialization, unregulated exploitation of natural resources, and escalating demands for food, energy, and shelter have contributed immensely to environmental pollution. In recent years, the impacts of climate change have been felt worldwide, with both developed and developing countries facing the consequences. While one group of nations pollutes, the other often suffers from these repercussions - a shared burden with a pressing need for collective action.

India, home to over one-sixth of the world's population, is a country grappling with the dual challenges of development and environmental preservation. Despite several challenges, India is poised to take significant steps toward sustainable development. This national conference aims to highlight the pivotal role of plants in mitigating climate change and enhancing our adaptive capabilities in the face of global warming.

Themes of the Conference

This conference is designed to provide an interactive platform for stakeholders—scientists, policymakers, educators, and students—to deliberate on key issues concerning climate change, environmental pollution, and the role of plants in combating these challenges. The keynote speakers will deliberate on the following themes:

- *Climate resilient agriculture*
- *Threatened plant conservation and ecosystem restoration*
- *Community-driven decentralized water management*
- *Secondary plant pathways and environmental biotechnology*



Professor H.S. Srivastava Foundation for Science and Society: A non-profit organization engaged in promoting science education, environmental protection, and rural development. The foundation also publishes the "Physiology and Molecular Biology of Plants" in collaboration with Springer.

PHSS Foundation Awardees for 2022-2023

Sl. No.	Name of the Award	Name of the Awardee
1	PHSS Foundation Life Time Achievement Award	Prof. Rama Shanker Dubey Vice Chancellor, Central University of Gujarat, Gandhinagar
2	PHSS Foundation Award for Social Contribution	Dr. Sanjay Singh Secretary, Parmarth Samaj Sevi Sansthan, Jhansi
3	PHSS Foundation Award for Science Communication	Prof. Sunit Kumar Singh Director, Dr. Bhim Rao Ambedkar Centre for Biomedical Research (ACRB), University of Delhi, North Campus, New Delhi
4	PHSS Foundation Woman Leadership Award	Prof. Veena Tandon NASI Honorary Scientist, Lucknow
5	Dr. P.K. Seth Memorial Award	Dr. Aravind Chaturvedi, IPS Superintendent of Police, Vigilance, Lucknow
6	Dr. P.K. Seth Memorial Award	Prof. Mohd. Latif Khan Professor, Department of Botany, Dr. Harisingh Gour Central University, Sagar
7	PHSS Foundation Award for Science Communication	Mr. Binay Pattanayak Formal Education Specialist, UNICEF, Ranchi
8	PHSS Foundation Young Scientist Award (Life Sciences, Environmental Sciences and Agricultural Sciences)	Dr. Abha Aditya Singh Assistant Professor, Department of Botany, University of Lucknow, Lucknow

Patron

Prof. Saroj K. Barik, NEHU, Shillong

Convener

Dr. Rudra D. Tripathi, CSIR-NBRI, Lucknow

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Mr. Krishnanand Singh, PHSS Foundation (Co-organizing secretary)

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**National Conference on
Significance of Plants in Climate Change Mitigation
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PHSS Foundation Award Ceremony**



21st December 2024

Venue: Lotus Auditorium, CSIR-NBRI, Lucknow

Inaugural session (10.00 AM to 11.30 AM)

10.30 AM – 10.35 AM	<i>Lighting of lamp and presentation of bouquet</i>
10.35 AM – 10.41 AM	<i>Welcome of guest and Brief introduction about PHSS Foundation: Prof. Rana Pratap Singh</i>
10.41 AM – 10.48 AM	<i>Address by Guest of Honour Dr. Prabodh Trivedi, Director CSIR-CIMAP, Lucknow</i>
10.48 AM – 10.56 AM	<i>Address by Guest of Honour Dr. Ajit Kumar Shasany, Director CSIR-NBRI, Lucknow</i>
10.56 AM – 11.05 AM	<i>Address by Chief Guest Jalpurush Dr. Rajendar Singh</i>
11.05 AM – 11.15 AM	<i>PHSS Foundation Awards (2022-2023) ceremony</i>
11.15 AM – 11.25 AM	<i>Presidential Address Professor Saroj Kant Barik, President, PHSS Foundation, Lucknow</i>
11.25 AM – 11.30 AM	<i>Vote of thanks: Dr. Rudra D. Tripathi</i>
11.30 AM	<i>National Anthem</i>

HIGH TEA (11.30 AM TO 12.00 PM)

Keynote Lectures (12.00 PM to 2.05 PM)

12.00 PM – 12.25 PM	Dr. Prabodh K. Trivedi
12.25 PM – 12.50 PM	Dr. Ajit K. Shasany
12.50 PM – 1.15 PM	Prof. Saroj K. Barik
1.15 PM – 1.40 PM	Prof. Rajendra Singh

LUNCH BREAK (1.40 PM TO 2.45 PM)

PHSS Award Lectures (2.45 PM to 5.00 PM)

2.40 PM – 3.00 PM	Prof. Rama Shankar Dubey
3.00 PM – 3.15 PM	Prof. Veena Tandon
3.15 PM – 3.30 PM	Dr. Sanjay Singh
3.30 PM – 3.45 PM	Prof. Sunit Kumar Singh
3.45 PM – 4.00 PM	Dr. Aravind Chaturvedi
4.00 PM – 4.15 PM	Prof. Mohd. L. Khan
4.15 PM – 4.30 PM	Mr. Vinay Pattanayak
4.30 PM – 4.45 PM	Dr. Abha Aditya Singh
4.45 PM – 5.00 PM	<i>Closing remarks by the session Chair</i>