



NAAC ACCREDITED 'A++' GRADE COLLEGE



2024-2025

Name of the Event: 2nd INTERNATIONAL CONFERENCE on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agriculture Future"

Organised by: Gujarat Natural Farming Science University, Halol; Indian Society of Genetics and Plant Breeding, New Delhi; Cambridge International Agricultural Organization; IAS, Banaras Hindu University, Varanasi; International Maize and Wheat Improvement Centre, Mexico; International Center for Agricultural Research in Dry Areas; **Hansraj College, University of Delhi**, Delhi and D. Y. Patil Agriculture and Technical University, Talsande

Date of the Event: 3.11.2024 to 5.11.2024

Duration/Event Timing: Three days, 12.00 noon on 3.11.24 to 2.00 pm on 5.11.24

Venue of the Event: Online and Library auditorium, Hansraj College

Name of Coordinator(s): Prof. Vijay Rani Rajpal (Organizing Secretary)

Name of Convener: Dr. Pooja Jha Maity, Dr. Savita, Dr Ridhi Khurana, Dr Sahil Mehta, Dr Mandeep

Organizing Committee: Prof. (Dr.) Preeti Darmarah; Dr. Anand Sonkar, Dr. Vandana Mishra, Ms Madhavi Moni, Ms Vaishali Verma, Dr. Ritu Pandey

Attended online by more than 2000 participants

Event Description

Report on Day 1 - Date: 03/11/2024

The 2nd International Conference on "Natural Farming Innovations" commenced with an impactful inaugural session. The opening remarks were delivered by Dr. C.K. Timbadia, Vice Chancellor of Gujarat Natural Farming Science University, and Prof. (Dr.) Rama, Principal of Hansraj College, who highlighted the transformative potential of AI and drones in sustainable agriculture. Spiritual leaders H.H. Pujya Swami Chidanand Saraswati Ji Maharaj and P.P. Swami Nikhileswarananda Maharaj emphasized the ethical and spiritual dimensions of natural farming. The Hon'ble Governor of Gujarat Shri Acharya Devvrat, also spoke, underscoring the state's dedication to sustainable agriculture and the role of technology in enhancing soil health. To commemorate the event's collaborative spirit, a souvenir was released, and Dr. Lakhan Singh, Director of ICAR-ATARI, Pune, expressed gratitude to the contributors, setting an enthusiastic tone for the sessions to come.

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The first technical session, chaired by Prof. K. Prathapan, Vice Chancellor of DY Patil Agriculture and Technical University, featured Dr. Vishnu D. Rajput from Southern Federal University, Russia. Dr. Rajput's presentation on "Nano-Bioengineering Approaches for Sustainable Soil Health Management and Plant Growth" provided an in-depth look at nano-bioengineering applications in agriculture. He discussed the role of nanomaterials in enhancing nutrient availability, soil structure, and water retention, demonstrating how these innovations can boost plant growth while reducing dependency on chemical fertilizers. Through case studies, he illustrated the positive impact of nano-bioengineered materials on soil microbes and nutrient cycling. Dr. Rajput emphasized the importance of responsible nano-material usage and further research to ensure environmental sustainability. The session concluded with a vote of thanks by Dr. Ravindra Singh, Senior Scientist and Head of ICAR - Shri Siddhagiri Krishi Vigyan Kendra, Kolhapur, closing an insightful first day of the conference.



Hon'ble Governor of Gujarat Shri Acharya Devvrat at Gujrat Rajbhavan

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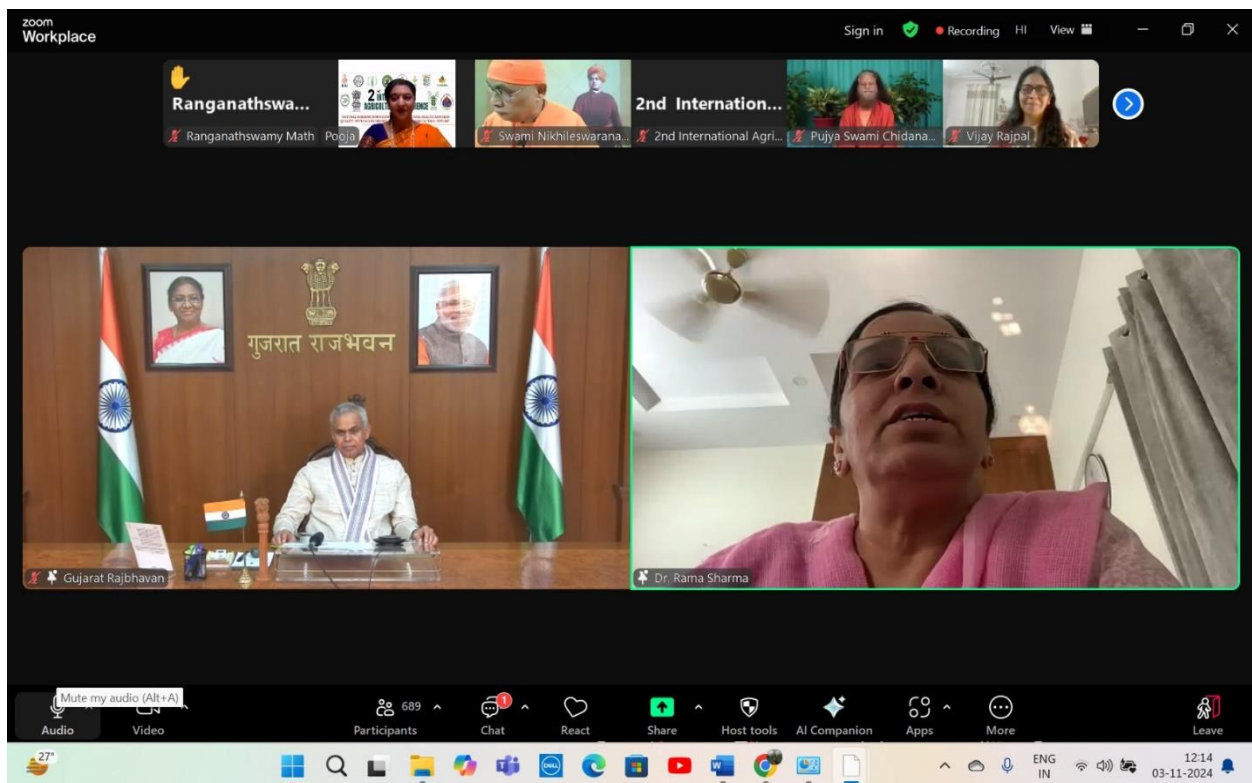
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Acharya Devvrat's post



Acharya Devvrat

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हम जीते हैं, तब तक धरती माता हमको प्राकृतिक सम्पदा प्रदान करती है। हम अनाज का एक दाना धरती माता को देते हैं तो वह हमको अनेक गुणा दाने उगाकर वापस करती है। रासायनिक खाद और जहरीली दवाओं के अत्यधिक उपयोग से हमने रत्नगर्भा धरती माता को जहरीली बनाकर उसकी उत्पादकता छीन ली है। धरती को उपजाऊ बनाने का एकमात्र उपाय प्राकृतिक खेती ही है।

द्वितीय अंतरराष्ट्रीय कृषि सम्मेलन का शुभारम्भ करवाया। हिंदुस्तान एग्रीकल्चर रिसर्च वेल्फेयर सोसायटी द्वारा भारतीय कृषि अनुसंधान संस्थान, गुजरात प्राकृतिक कृषि विज्ञान युनिवर्सिटी तथा अन्य सहयोगी संस्थाओं द्वारा आयोजित द्वितीय अंतरराष्ट्रीय कृषि सम्मेलन में 17 देशों के 2000 से ज्यादा प्रतिनिधि भाग ले रहे हैं। 'प्राकृतिक खेती में नये संशोधन : धरती और बीज की गुणवत्ता में वृद्धि के लिए आर्टिफिशियल इंटेलिजेंस- AI और ड्रोन का उपयोग' विषय पर आधारित अंतरराष्ट्रीय कॉन्फ्रेंस में अपने विचार व्यक्त किए।

इस अंतरराष्ट्रीय कृषि सम्मेलन में ऑनलाइन शामिल होते हुए कहा कि आधुनिक टेक्नोलॉजी का उपयोग प्राणी जगत और मानवता के कल्याण के लिए होना चाहिए। रासायनिक खाद और कीटनाशक दवाओं के अंधाधुंध उपयोग के कारण आज समग्र भारत की भूमि का ऑर्गेनिक कार्बन 0.2, 0.3 या 0.4 हो गया है। कृषि वैज्ञानिकों के मतानुसार, ऑर्गेनिक कार्बन 0.5 से कम हो तो वह धरती बंजर कहलाती है। अगर भारत की धरती को हमें पुनः उपजाऊ बनाना है और ऑर्गेनिक कार्बन को बढ़ाना है तो प्राकृतिक कृषि अपनानी ही होगी।

रासायनिक खाद के उपयोग से धरती की उर्वरता और ऑर्गेनिक कार्बन बढ़ता नहीं है। किसानों का कृषि खर्च भी बढ़ता चला जाता है। अनाज में पोषक तत्वों की कमी हो जाती है। आहार में हवा और पानी में जहरीले रासायनिक तत्व बढ़ते चले जाते हैं। ग्लोबल वार्मिंग बढ़ता है। इतना ही नहीं, मानव स्वास्थ्य के सामने गम्भीर चुनौतियां खड़ी हो गई हैं। देसी गाय के गोबर और गौ-मूत्र आधारित प्राकृतिक खेती इन तमाम समस्याओं का एकमात्र समाधान है।

Please see complete speech on YouTube channel : Acharya



Message Acharya Devvrat

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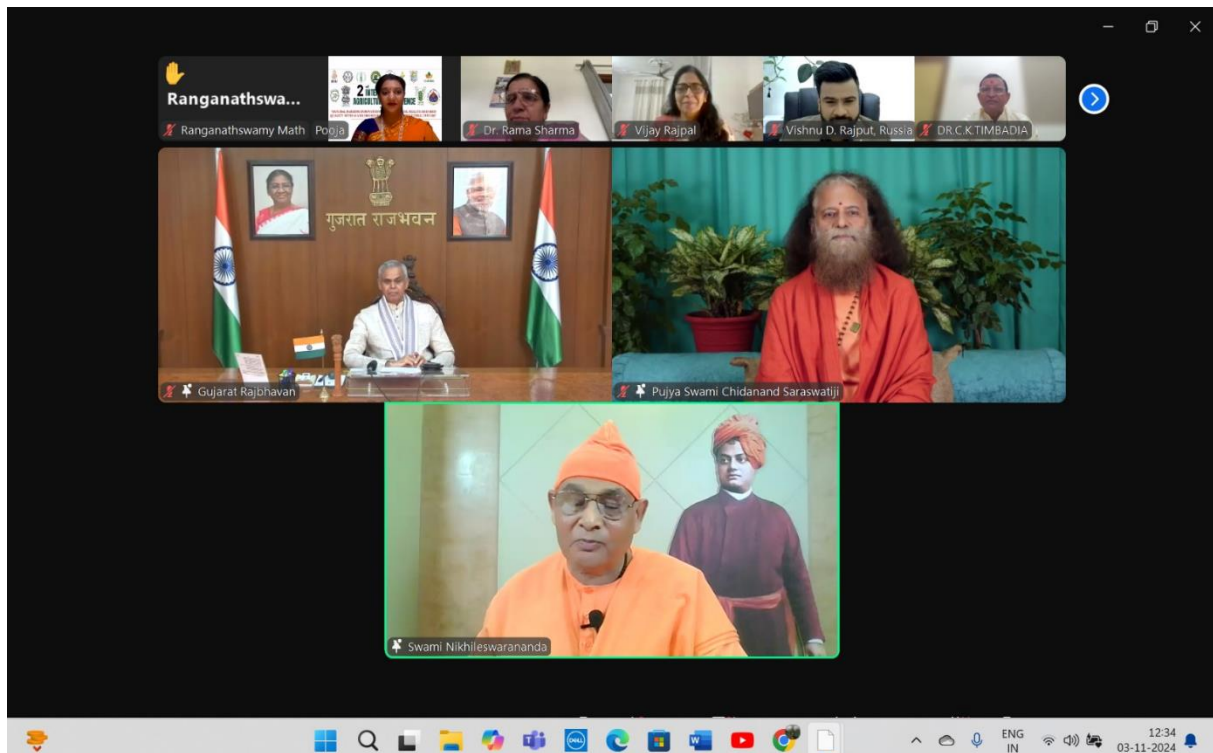
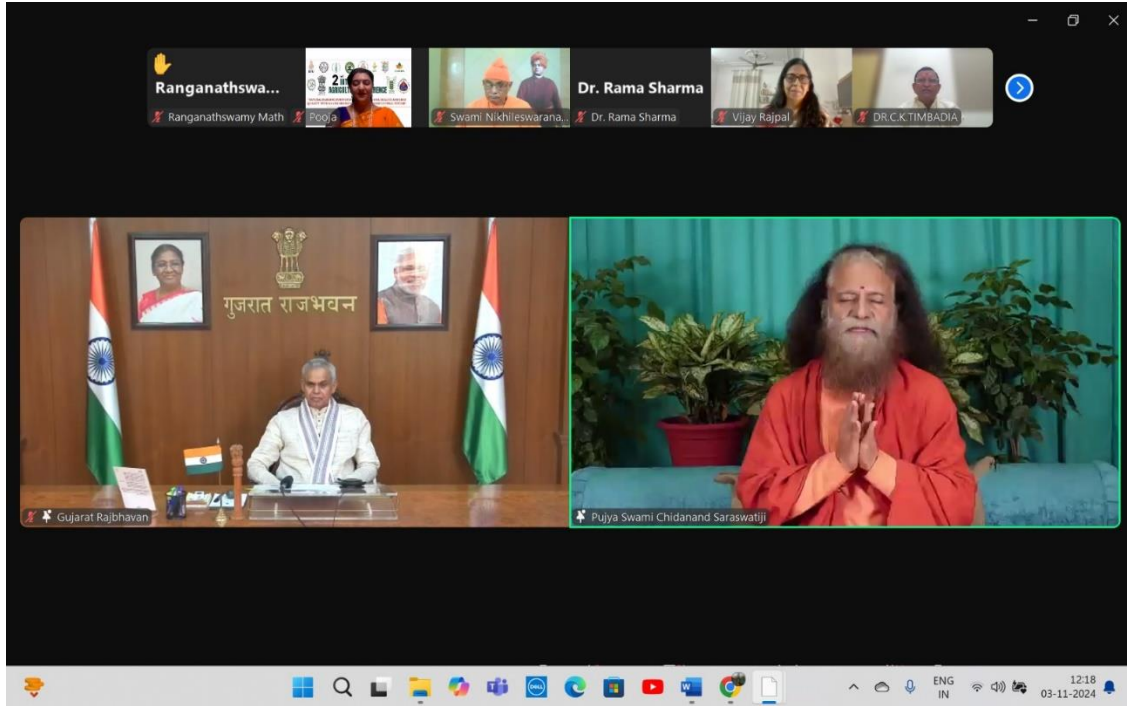
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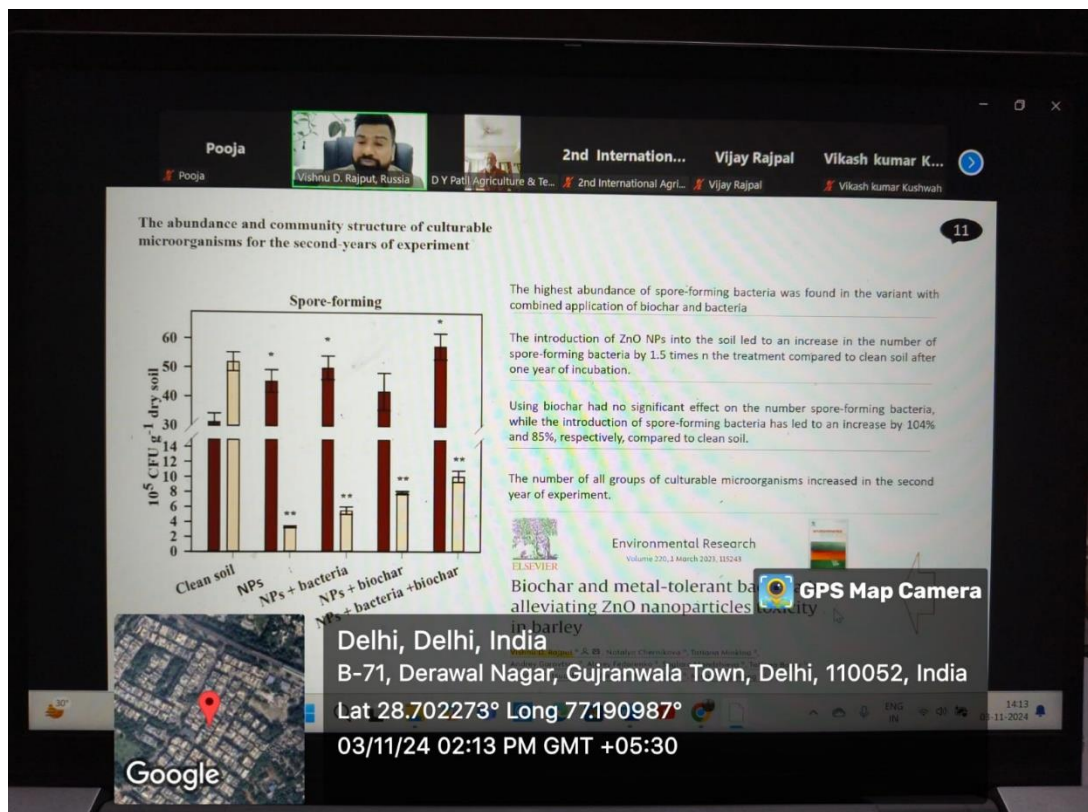
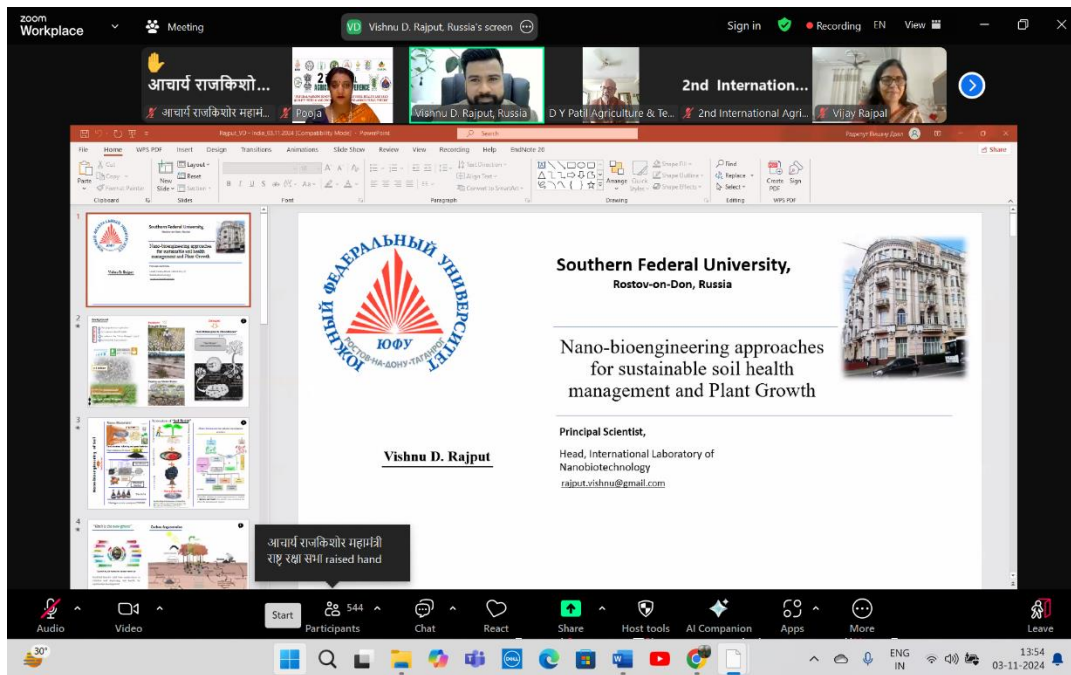
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Report on Day 2 of the 2nd International Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agriculture Future"

Date: 04/11/2024

The second technical session of the 2nd International Conference was chaired by Dr. Biplab Paul, Vice Chancellor of Sardar Patel University, Balaghat. Dr. Sanjay Kumar Singh, Secretary of ISGPB, New Delhi, opened the session with a warm welcome to participants and speakers, setting a collaborative tone for the insightful presentations.

The first speaker, Dr. Shailesh Kumar Singh, Associate Dean at LPU's School of Agriculture Science, presented on "Natural Farming: Bridging Tradition and Modernity for Biological and Ecological Sustainability." Dr. Singh emphasized the synergy between ancient farming methods and modern sustainable practices. His discussion on the natural fertilizer Jeevamrut highlighted its role in improving soil health, aligning with the holistic agricultural principle of maintaining soil vitality for healthy crop yields.

Next, Dr. R.S. Meena, Associate Professor at Banaras Hindu University, addressed the "Carbon Credit Programme as an Opportunity to Regenerate Soil and Enhance Farmers' Income." Dr. Meena underscored the role of carbon credits in mitigating land degradation and greenhouse gas emissions. He proposed policy initiatives such as carbon taxes and incentives for soil carbon restoration to encourage sustainable practices in agriculture, promoting biodiversity and ecological balance.

The final speaker, Dr. Rajeev Ranjan, Senior Scientist at ICAR-IARI, discussed "Use of AI in Modern Agriculture." Dr. Ranjan elaborated on the potential of AI in predictive analytics, climate assessments, and early disease detection, which collectively help optimize crop growth and yield. His presentation underscored AI's transformative potential for modernizing agricultural practices.

The session concluded with a vote of thanks from Dr. Akshay Talukdar, Principal Scientist at ICAR-IARI, acknowledging the speakers' contributions and reinforcing the importance of integrating technology in sustainable farming practices.

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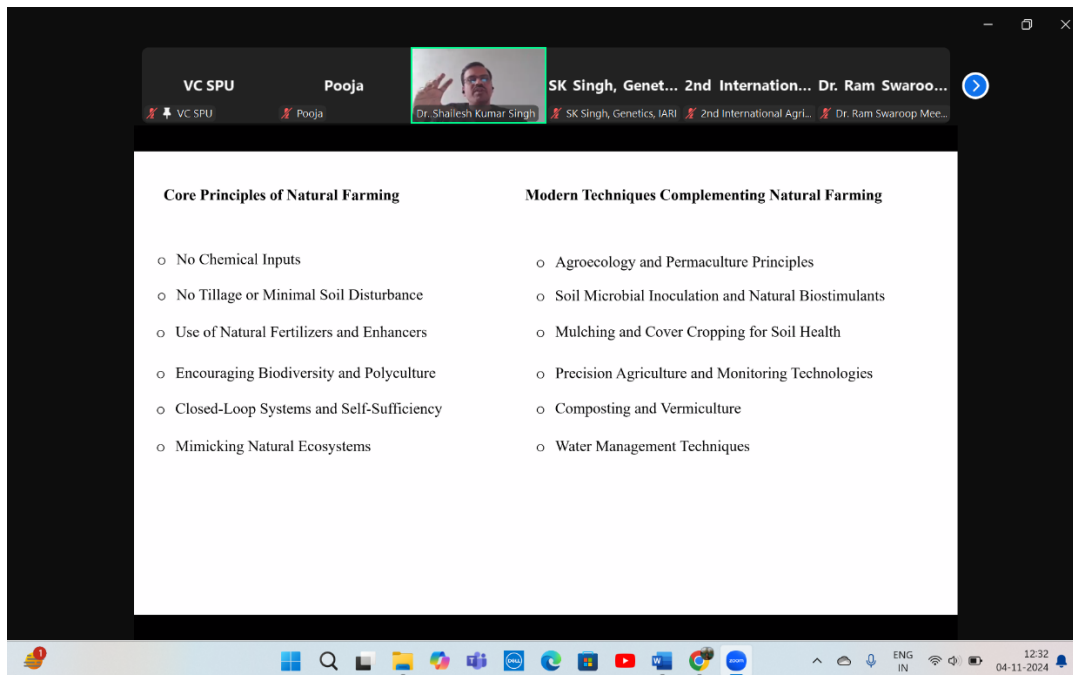
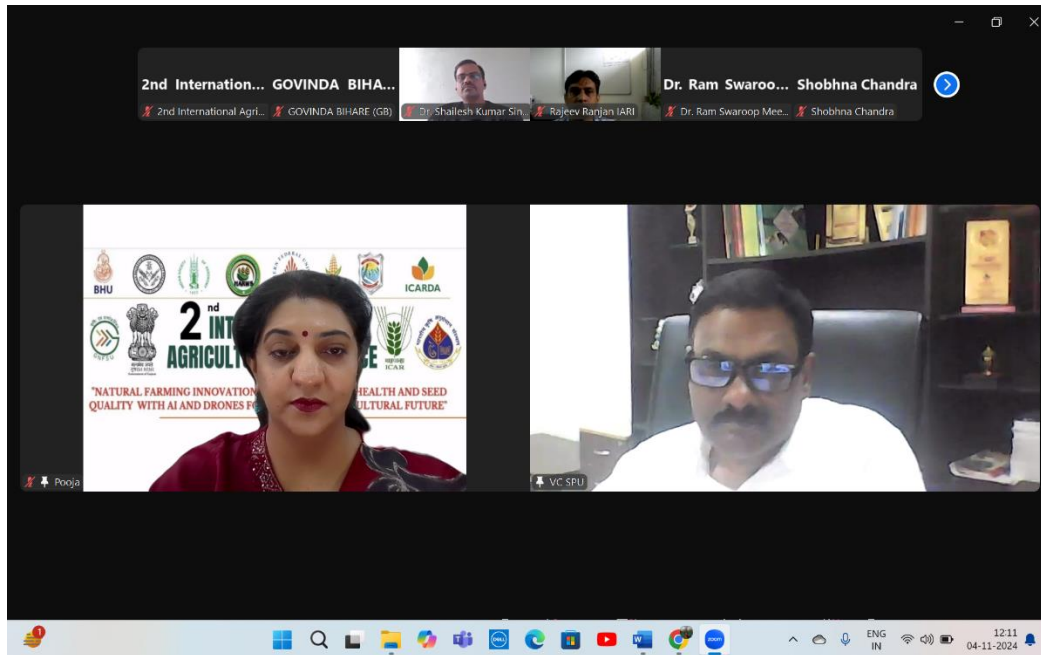
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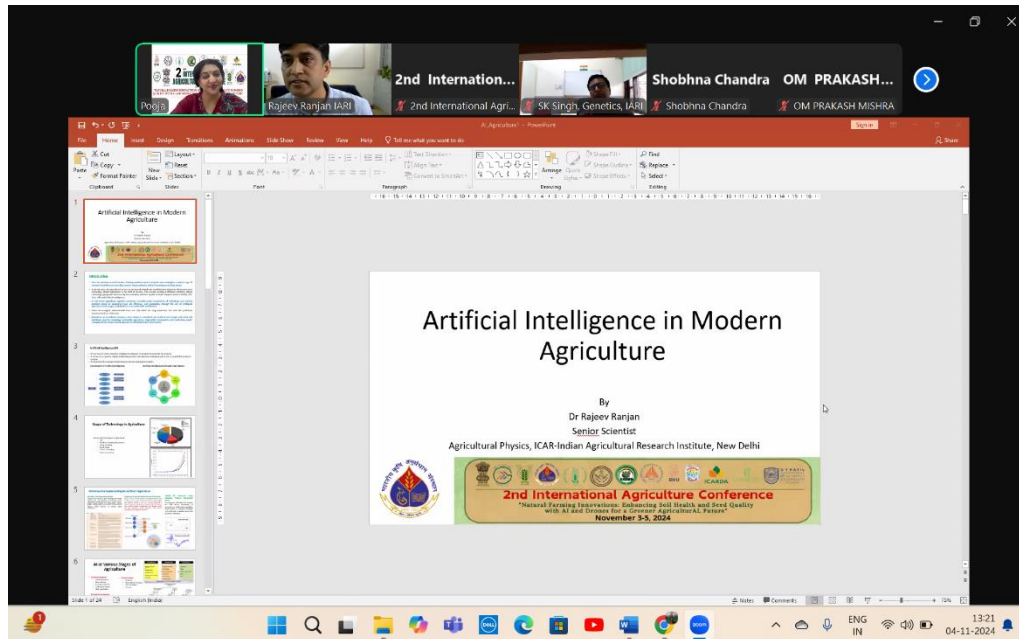
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Report on Day 3 of the 2nd International Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agriculture Future"

Date: 05/11/2024

The final day of the 2nd International Conference took place on 5th November 2024 at Hansraj College, University of Delhi, and featured a series of events including student presentations, an award ceremony, and the valedictory session. The day began with oral presentations by undergraduate and postgraduate students, as well as research scholars, in the Padma Bhushan Gyan Prakash Chopra Seminar room. These presentations, attended by esteemed guests, were widely appreciated for their depth and relevance.

Following this, the award ceremony and valedictory session were held in the Library Auditorium, starting with a ceremonial lamp lighting and a Saraswati Vandana performance by Swaranjali, the musical society of Hansraj College. Dignitaries on the dais were introduced by Dr. Madhavi Moni and felicitated by Prof. (Dr.) Rama, Principal of Hansraj College, along with Prof. Vijay Rani Rajpal, Vice-Principal, and Dr. Anil Choudhary, Secretary of Hindustan Society. Prof. Rama welcomed the audience with an inspiring address, and Prof. Rajpal presented a conference report, highlighting key insights and discussions from the three-day event.

The award segment honored 57 individuals, including researchers, educators, scholars, students, and farmers, acknowledging their contributions to natural farming. Dr. Ridhi Khurana, the event compere, commended the dedicated efforts of student volunteers and organizers.

The session concluded with a formal vote of thanks by Dr. Sanjay Kumar Singh from ICAR-IARI, expressing gratitude to all participants and organizers. The conference officially closed with the National Anthem, marking the end of a successful event focused on sustainable agricultural innovation.



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**2nd International Conference
On
"Natural Farming Innovations: Enhancing Soil Health and Seed Quality
with AI and Drones for a Greener Agriculture Future"**

Date: 03-05/11/2024

Minute to Minute Program Schedule of Conference

DAY-1

Date: 03/11/2024

Time: 11:30

Host: Dr. Pooja Jha Maity

S No	TIME	PROGRAM	BY
1	11:30 AM-12:00 Noon	Online Joining of Participants	Zoom Link https://us06web.zoom.us/j/84733982512?pwd=jeshyEtdjJAyikYa4jbMQXuav4O7s5.1
2	12:00 Noon	Joining of Hon'ble Governor and All Swami Ji	Online Zoom
3	12:00-12:02 PM	Saraswati Vandana	Video
4	12:02-12:10 PM	Welcome of Dignitaries	BY
		1. Hon'ble Governor of Gujarat	Dr. C K Timbadia, VC, Gujarat Natural Farming Science University, Gujarat
		2. PP Adrushya Kadsiddheshwar Swami ji Mathadhipati, Siddhagiri Math, Kolhapur	
		3. Swami Chidanandji, Adhyksh, Parmarth Niketen, Rishikesh	
		4. Swami Nikhileshwaranand ji, Adhyksh, Ramkrishna Mission Rajkot	

5.	12:10 to 12:14 PM	Welcome of Dignitaries	Prof. (Dr.) Rama
6	12:14-12:25 PM	Blessings by the SpecialGuest	PP Adrushya Kadsiddheshwar Swami Ji Mathadhipati, Siddhagiri Math
7	12:25-12:35 PM	Blessings by the SpecialGuest	Swami Chidanandji, Adhyksh, Parmarth Niketen Rishikesh
8	12:35- 12:45 PM	Blessings by the SpecialGuest	Swami Nikhileshwaranandji Adhyksh, Ramkrishna Mission, Rajkot
9		Release of Souvenir	By the Dignitaries
10	12:45 – 01:35 PM	Address by the Chief-Guest	Hon’ble Governor of Gujarat Shri Acharya Devvrat Ji
11	01:35 – 01:40 PM	Vote of Thanks	Dr. Lakhan Singh, Founder Director, ICAR-ATARI, Pune & Advisor, Amity University, Noida
12		Technical Session – 1st Chairman: Prof. K. Prathapan Vice Chancellor,DY Patil Agriculture and Technical University, Maharashtra Rapporteurs: Dr. Savita, Hansraj College, University of Delhi	Anchor: Dr. Pooja Jha Maity, Hansraj College, University of Delhi

		<p>Dr. Sahil Mehta, HansrajCollege, University of Delhi</p> <p>Convener: Dr Ridhi Khurana, Hansraj College, University of Delhi</p>	
13	12:10 to 12:14 PM	Welcome of Dignitaries	Dr. Sanjay Singh Rathore, Head, Agronomy, ICAR-IARI, New Delhi
14	12:14-12:25 PM	Blessings by the SpecialGuest	Prof. Dr. Vishnu D Rajput Head, ILN, Southern Federal University, Russia
15	12:25-12:35 PM	Blessings by the SpecialGuest	Dr. Pooja Jha Maity, Hansraj College, University of Delhi

DAY-2

Date: 04/11/2024

Time: 12:00

		Technical Session – 2nd	
		Chairman: 1. Dr. Biplab Paul Vice Chancellor, Sardar Patel University, 2. Dr. Lakhan Singh, Founder Director, ICAR-ATARI, Pune Rapporteurs: Dr Ridhi Khurana, Hansraj College, University of Delhi Dr Mandeep, Hansraj College, University of Delhi Convener: Dr. Priyadarshani Rajput, Southern Federal University, Russia Anchor: Dr. Pooja Jha Maity, Hansraj College, University of Delhi	
1	12:00 – 12:05 PM	Welcome and Introduction of the Speaker	Dr. Sanjay Kumar Singh Secretary ISGPB, New Delhi
2	12:05 – 12:40 PM	Natural Farming: Bridging Tradition and Modernity for Biological and Ecological Sustainability	Dr. Shailesh Kumar Singh Associate Dean School of Agriculture Science, LPU, Punjab
3	12:40 – 01:20 PM	Carbon Credit Programme is an opportunity to regenerate the soil and enhance the farmers' income	Dr. R.S. Meena Associate Professor IAS, Banaras Hindu University, Varanasi
4	01:20 – 01:40 PM	Use of AI in Modern Agriculture	Dr. Rajeev Ranjan, Senior Scientist, ICAR-IARI, New Delhi

5	01:40 – 01:50 PM	Vote of thanks & End of Technical Session – 2 nd	Dr. Akshay Talukdar Principal Scientist ICAR-IARI, New Delhi
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DAY-3

Date: 05/11/2024

Time: 10:30

		<p style="text-align: center;">Valedictory and Award Ceremony</p> <p>Chairman: Dr. U S Gautam, Dy. Director General (Extension) ICAR, New Delhi</p> <p>Organizing Secretary: Prof. (Dr.) Vijay Rani Rajpal, Vice-Principal, Hansraj College: Reception and overall Management, Planters</p> <p>Conveners: Dr. Pooja Jha Maity, Hansraj College, University of Delhi: Reception, escorting the guests to Venue, Issue of College souvenirs (Muskarate Raho and Mugs) Dr. Savita, Hansraj College, University of Delhi: Reception, escorting the guests to Venue Dr Sahil Mehta, Hansraj College, University of Delhi: Food, Guest house booking, Reception Dr Ridhi Khurana, Hansraj College, University of Delhi: Stage Management, Name plates, Decoration Dr Mandeep, Hansraj College, University of Delhi : Food, Guest house booking, Reception Anchor: Miss Madhavi Moni, Hansraj College, University of Delhi Organizing Committee</p>	
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		Prof. (Dr.) Preeti Darmarah: Refreshments, Reception Dr. Anand Sonkar: Reception, Refreshments Dr. Vandana Mishra: Seating arrangement Ms Madhavi Moni: Anchoring Ms Vaishali Verma: Stage Management, Lamp Decoration Dr. Ritu Pandey: Seating, Overall assistance Dr. Bhawna Sharma Jha: Seating, Overall assistance	
	<u>DIAS</u>	Principal, Vice Principal,	
1.	11.00 Anchor Ms Madhavi Moni	Invitation to guests to the Dias, Saraswati Vandana and Lamp Lighting	Kavyanjali Team, Ms. Vaishali Verma
1	11:00 – 11:20 PM	Felicitation of the Guests (By a shawl and a Planter) <ol style="list-style-type: none"> 1. Dr. U S Gautam, Dy. Director General (Ext.) ICAR, New Delhi (Felicitation by Principal and Anil Ji) 2. Dr. Prabhat Kumar, Commissioner (Hort), Ministry of Agriculture & Farmer's Welfare, Government of India (Felicitation by Vice Principal and Anil Ji) 3. Dr. Raju M Thakkar, Nodal Officer, GNFSU, Govt. of Gujarat (Principal and Anil ji) 4. Dr. Lakhan Singh, Founder Director, ICAR-ATARI, Pune (Principal and Pulkit ji) 5. Dr. Sanjay Kumar Singh, Secretary, ISGPB, New Delhi (Vice Principal and Anil Ji) 6. Principal, Hansraj College, University of Delhi (Anil Ji) 7. Vice Principal, Hansraj College, University of Delhi (Pulkit ji) 8. Dr. Anil Chaudhary, Secretary, Hindustan Society (Principal and Vice Principal) 	Shawls will be brought by Anil ji. Planters will be arranged by Hansraj College
2	11:20 – 11:25 PM	Welcome address	Prof Rama, Hansraj
3	11:25 – 01:00 PM	Award Distribution	All Guests

4	01:00 – 01:10 PM	Valedictory & Vote of thanks	Dr. Sanjay Kumar Singh Secretary ISGPB, New Delhi
5.	1.10	National Anthem	All
5	01:10 – 02:00 PM	Lunch	Hansraj College, Delhi, Canteen



2nd International Conference

On

**"Natural Farming Innovations: Enhancing Soil Health and Seed Quality
with AI and Drones for a Greener Agriculture Future"**

Date: 05/11/2024

List of Guests for Award ceremony & Appreciation Certificate

SN	NAME	DESIGNATION	RECOGNATION
1.	Prof M Moni	Former DG, NIC	Lifetime Achievement Award
2.	Dr. RP Singh	Ex Director, ICAR- PDCSR, Meerut	Lifetime Achievement Award
3.	Dr. Prabhat Kumar	Commissioner (Horti) Ministry of Agriculture & Farmer's Welfare, Government of India	Dr. B.P. Pal Memorial Award
4.	Dr. Raju M Thakkar	Nodel Officer, GNFSU, Govt. of Gujarat	Hindustan Krishi Gourav Award
5.	Dr. Sanjay Kumar Singh	Secretary, ISGPB, New Delhi	Borlaug Global Wheat Breeding Award
6.	Dr. Rama	Principal, Hansraj College, New Delhi	Lifetime Achievement Award
7.	Dr. Anil Chaudhary	Secretary, Hindustan Society	Smriti Chinha
8.	Dr. Vijay Rani Rajpal	Vice- Principal, Hansraj College, Delhi	Gregor Johann Mendel Honorary Award
9.	Dr. Lakhan Singh	Advisor, Amity University, Noida	Bharat Ratna Dr. M. S. Swaminathan Award
10	Dr. Akshay Talukdar	Pr. Scientist, ICAR-IARI, New Delhi	Best Plant Breeder Award
11	Dr Pulkit Choudhary	President, HARWS-Hindustan Agricultural Research Welfare Society	Smriti Chinha


Dr. Pulkit Choudhary
President, HARWS-Hindustan Agricultural Research Welfare Society



2nd International Conference

On

"Natural Farming Innovations: Enhancing Soil Health and Seed Quality
with AI and Drones for a Greener Agriculture Future"

Date: 05/11/2024 Time: 10:00 AM

Offline Awardees List Award Ceremony at Hansraj College

S. N.	NAME	Designation	College/University/Org.	Award Name	Citation
1	Ms. Shalini Sundram	Horticulturist	Ponic Greens Agro. Pvt. Ltd.	Young Horticulturist Award	Shalini Sundram has contributed to horticulture through hydroponic system design, sustainable resource management, and crop health optimization. Her work includes publishing on organic farming, winning awards for innovative farming models, and leading technical training. Shalini's focus on eco-friendly practices advances both agricultural productivity and environmental stewardship.
2	Dr. Devesh Pathak	Assistant Professor	RSM College Dhampur, Bijnor	Young Plant Pathologist Award	His exemplary work in plant pathology, particularly focusing on the fungi Sclerotinia

					Sclerotiorum, Alternaria sp. and Rhizoctonia sp. across various crop plants, showcases his dedication to advancing our understanding of these critical pathogens. Dr. Pathak has published more than 20 research articles/ review article/ book chapters in national and international journals.
3	Dr. Ramakant Gajbhiye	Professor (Horticulture)	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.)	Dr. N.E. Borlaug Award	Dr. Ramakant Pundalik Gajbhiye Developed one variety and 13 research recommendations at State level and Published two books ,one in international publication and one in national publication. He has 23 yrs of experience of teaching, research and extension in horticulture (vegetable science)
4	Mr. Mayukh Bhattacharyya	Young Professional	Bidhan Chandra Krishi Viswavidyalaya, West Bengal, India	Young Scientist Award	Bhattacharyya has transformed agronomy through his pioneering research on Integrated Nutrient Management (INM) for Baby Corn in West Bengal. His contributions extend internationally, including his role as Lecturer at Lincoln University College, Malaysia (2022-2024), and his innovative AI-Powered Plant Disease Diagnoser, a

					groundbreaking advancement in precision agriculture.
5	Dr. Jyoti Ahlawat	Assistant Professor	GD Goenka University, Gurugram	Women Scientist Award	Dr Jyoti Ahlawat's expertise is in the area of plant tissue culture and molecular biology. Jyothi expertise is in DNA extraction, PCR amplification, real-time PCR, gel electrophoresis, quantification, data analysis, DNA-based GM detection of genetically modified crops (Bt Cotton, BtBrinjal, Maize, Soya) and SSR marker screening analysis in little millets. She has more than 30 research publications in reputed journals
6	Dr. Ravish Choudhary	Technical Officer	ICAR-Indian Agricultural Research Institute	Dr. N.E. Borlaug Award	Dr. Ravish Choudhary for his exceptional contributions to seed science and technology. His innovative research and dedication to improving seed quality have significantly advanced our understanding of plant genetics and conservation. Dr. Choudhary's commitment to excellence and sustainability serves as an inspiration to all in the field.
7	Dr. Raveena Negi	Assistant Professor	GD Goenka University, Gurugram	Young Women Scientist Award	Raveena expertise is in the areas of agroforestry, plantation technology, nursery management, Forest ecology, Forest biomass

					and carbon estimation. She has 5.5 years of experience in teaching. She has worked as Consultant with GRAVIS (Gramin Vikas Vigyan Samiti) and published more than 20 publications in reputed journals
8	Ms. Pallavi Gaur	PhD Research Scholar	Shri Guru Ram Rai University	Young Women Scientist Award	Ms. Pallavi Gaur expertise is in the area of Microbiology. She had published many review articles. A review on covid 19 on agriculture, Environmental issues, Role and importance of nanotechnology in sustainable agriculture, Seed biology, seed structure and development, Humic and fulvic acids as biostimulants in agriculture, Rural health problems, natural disasters, use of chemicals in fruits and vegetables is a health issue.
9	Ms. Yashi Singh	M.Sc.	Punjab Agricultural University, Ludhiana, Punjab	Best M.Sc. Thesis Award	Thesis Title: Assessing Climatic and Environmental Implications of Crop Residue Burning in Punjab Using Ground Observations and Satellite Remote Sensing Finding- 1) In Punjab, maximum burning points were observed in central region followed by south west region and north-east region. 2) Remote sensing helps in retrieving the data on fire counts and

					gaseous concentration. This data can be further used in analysing the impacts of residue burning on soil chemical physical and biological properties and how it influences crop productivity
10	Mr. Dharmpal Singh	Senior Technical Assistant	ICAR-Indian Agricultural Research Institute	Best Agronomist Award	Mr. Dharmpal Singh has made significant contributions to the field of Agronomy. His work has focused on improving crop management practices, optimizing resource use, and enhancing soil health to increase agricultural productivity. Through his expertise in agronomy, Mr. Singh has positively impacted sustainable farming practices and supported farmers in achieving better yields and resource efficiency. His dedication to advancing agronomic knowledge and practices is invaluable to the agricultural community
11	Mr. Ghemarbhai Kesharbhai Chaudhary	Farmer	Vadgam, Gujarat	Innovative Farmer Award	his Outstanding Contribution in the Field of Innovative & Progressive Farming
12	Mr. Indresh Pratap Singh	MSc	Dr. Bhimrao Ambedkar University, Agra	Young Scientist Award	Pratap has made notable contributions to the field of horticulture through his expertise in cultivating fruit plants. His work in fruit cultivation has

					supported sustainable agricultural practices and enriched local biodiversity. By sharing his knowledge and practices, Mr. Pratap has helped enhance fruit production, benefiting both farmers and communities. His dedication to horticulture serves as an inspiration in promoting healthy, productive agricultural landscapes."
13	Mr. Baban Ramchandra Mulik	Farmer	Maharashtra	Progressive Farmer Award	his outstanding contribution in innovative farming practices, technological acceptance, and contributions to increased productivity.
14	Dr. Lalasaheb Raosaheb Tambade	Head & Senior Scientist	Krishi Viogyan Kendra, Solapur, Maharashtra	Lifetime Achievement Award	I am Head & Senior Scientist with about 3 decades of experience in the transfer, application and research of Agricultural Technologies. My work focus on front line extension, technology assessment and largescale demonstration to uplift farming community, I am committed to bridging the gap between innovative research and practical application ensuring that advanced agricultural practices reach through innovative extension and benefit the farmers, youth and farm women.

15	Dr. Chunchu Suchith Kumar	Assistant Professor	SR University, Warangal, Telangana	Young Agronomist Award	Mr. Suchith Kumar's his exceptional contributions to agronomy and his dedication to the future of sustainable agriculture. His impactful work spans smart farming, organic farming research, and innovative aerobic rice cultivation. His commitment extends beyond the field to student mentorship and career guidance. Previously serving as the Additional Controller of Examinations, he continues to hold vital roles as the Assistant Dean of Farm Management and Assistant Dean of Admissions. His scholarly contributions, including numerous Scopus-indexed publications and book chapters, have positioned him as a significant voice in agricultural research.
16	Mr. Pradeep Kumar Chandra	PhD	Central Agricultural University, Imphal, Manipur	Best M.Sc. Thesis Award	Title: EVALUATION OF BOTANICALS AGAINST INSECT PEST COMPLEX OF FENUGREEK (<i>Trigonella foenum graecum</i> L.) Highlights: Botanical pesticides being safe, eco-friendly and

					<p>effective against different insect pests of Fenugreek. The effectiveness of local pest control methods used by farmers now it's Scientifically proven. He evaluated at different stages of crop growth an appropriate pest management module for fenugreek is developed for the farming community. That is safe and originated from botanicals.</p>
17	Mr. Uma Shankar Rajput	PhD	Acharya Narendra Deva University of Agriculture and Technology, Ayodhya	Young Scientist Award	<p>Mr. Uma Shankar Rajput work has focused on developing an innovative, environmentally sustainable approach to managing <i>Fusarium oxysporum</i>, a pathogen responsible for wilt disease in tomato crops. Investigations were conducted to isolate and identify <i>F. oxysporum</i> from infected plants displaying characteristic wilting symptoms. To counteract this pathogen, the biocontrol fungus, <i>Trichoderma harzianum</i> was evaluated for its inhibitory effects. In controlled dual culture experiments, <i>T. harzianum</i> demonstrated the ability to suppress the mycelial growth of <i>F. oxysporum</i> up to 54.82%, highlighting its potential as a</p>

					<p>biological control agent. Additionally, Mr. Uma Shankar Rajput investigated the effects of various nanoparticles including silver, cobalt, copper, nickel, zinc, silica, and manganese—on the growth of both <i>T. harzianum</i> and <i>F. oxysporum</i>. Results revealed that cobalt and manganese nanoparticles were particularly effective, achieving a 100% suppression of <i>F. oxysporum</i> mycelial growth when combined with <i>T. harzianum</i>. This pioneering study highlights the potential of integrating biocontrol agents with nanotechnology to advance sustainable crop management solutions.</p>
18	Dr. Jayeshkumar	Deputy Project Director	ATMA, Botad, Gujarat	Lifetime Achievement Award	<p>Dr. Kahodariya has made exceptional strides in promoting sustainable agriculture by establishing 81 model farms and achieving the ambitious target of transitioning 75 farmers per Gram Panchayat to natural farming. In just two years, he has inspired 13,167 farmers to embrace chemical-free practices across 10,135 acres, positioning Botad as a model district in</p>

					Gujarat's natural farming movement and contributing to Prime Minister Modi's vision for a sustainable, eco-friendly agricultural future. Today, Botad ranks among Gujarat's top five districts for natural farming adoption.
19	Mrs. Gc Ambica	Social Entrepreneur / Technology Unit Partner		Swaminathan Award	From 2003 onwards we are actively conducting awareness programmes on environmental issues and establishment of plastic free society and successfully running Om Organisation which is registered under the societies in Telangana state, which deals in environmental issues, protection of cows and spiritual and cultural development and Running a startup "Ethnic eco friendly bags and handicrafts" as an eco friendly alternative to plastic Cary bags,by promoting Swacch Bharat bags, swachh Telangana bags made of cotton fabric, jute fabric and handmade paper .
20	Dr. Anand Kumar	Assistant Professor	GLA University, Mathura	Best Research Paper Award	Dr. Anand Kumar has made significant contributions to research on heat stress tolerance in wheat, focusing on recent advances in QTL (Quantitative

					Trait Loci) mapping. His work addresses a critical challenge in wheat production by identifying genetic markers associated with heat tolerance, which is essential for developing resilient wheat varieties. Dr. Kumar's research not only enhances our understanding of plant genetics but also provides valuable tools for breeders to improve crop performance under climate stress, supporting food security and sustainable agriculture
21	Ms. Shilpa Bahubalendra	PhD Scholar	Odisha University of Agriculture and Technology, Bhubaneswar	Best Research Scholar Award	Ms. Shilpa Bahubalendra has made valuable contributions to the field of Agricultural Extension Education. Her work focuses on bridging the gap between agricultural research and practical application, empowering farmers with knowledge and resources to improve their practices. She has developed a strong academic and research performance by publishing research papers, popular articles in many journal
22	Ms. Sunidhi	Data Scientist	Ministry of Fisheries, Animal Husbandry and Dairying	Best M.Sc. Thesis Award	Thesis Title - A COMPARATIVE STUDY OF NEURAL NETWORK AND WAVELET DECOMPOSITION MODELS FORmPRICE

					<p>FORECASTING OF POTATO, ONION AND TOMATO</p> <p>Finding-1. WT -TDNN models outperform ARIMA and TDNN for forecasting minimum and maximum prices of tomato and potato, suggesting that WT-TDNN is a strong alternative for analyzing these agricultural prices</p> <p>2. The performance metrics (RMSE, MAE, and MAPE) validate these findings, showing WT-TDNN's superior performance for tomatoes and potatoes and ARIMA's effectiveness in forecasting onion prices, emphasizing the importance of model selection based on specific crop characteristics.</p>
23	Mr. Kushal Kumar B. Potdar	Founder & Director	Exelligent Techno Power Pvt Ltd	Best Agri-Tech Startup Award	<p>we recognize the immense potential of drone technology to transform industries and provide unparalleled insights. Our drone inspection services are at the forefront of this transformation, offering a revolutionary approach to inspections.</p>
24	Mr. Yogesh Khokhar	Ph.D. Scholar	Central Agriculture University, Imphal	Outstanding Researcher Award	<p>Mr. Yogesh has Outstanding contribution in the field of Plant Breeding and Genetics. His innovative research and impactful findings have set a high standard for excellence.</p>
25	Shankar Dyal Rathore	Ph.D. Scholar	Sunrise University, Alwar Rajasthan	Young Horticulturist Award	<p>His exemplary research contributions and innovative approaches in horticultural</p>

					science have set a new benchmark for excellence. Mr. Rathore's commitment to advancing sustainable agricultural practices and improving crop productivity highlights his remarkable talent and passion for horticulture.
26	A.P. Arul James Edwin Thambu	Founder and Managing Director	Tamilnadu Agritourism Network Corporation Pvt Ltd	Lifetime Achievement Award	Mr. A.P. Arul James Edwin Thambu is the driving force behind the Tamilnadu Agritourism Network Corporation Pvt Ltd, an initiative dedicated to promoting agritourism and rural experiences in Tamil Nadu. Through his leadership, the organization connects visitors with the rich agricultural heritage of the region, offering immersive experiences that support local farmers and rural communities. His work in agritourism highlights the importance of sustainable tourism in fostering economic growth and cultural exchange while preserving traditional agricultural practices.
27	Yogeshwari Anusaya Satishrao Pawar	Dietician, Directorate of Health Sevices	Public Health Department, Government of Maharashtra	Excellence in Research Award	She has done her work as an editor of 4 books, published 4 original research papers in peer reviewed international journals, 7

					book chapters, 3 Marathi Articles and participated in more than 20 national and international conferences and seminars. She has 6 months experience of working in ICMR-NIN research project. Her areas of specialization are Food Science, Diet Therapy, Product Development, Nutrition.
28	Anushka Kumari Sinha	PhD Scholar	Navsari Agricultural University, Navsari, Gujarat	Best MSc Thesis Award	Thesis Title- Growth of total factor productivity of major Seed Spices in Gujarat
29	Dr. Anant Prakash	Principal	Const. Government College Purnapur, Pilibhit	Swaminathan Award	Outstanding Contribution in the Field is Plant Science He has more than 15years experience in the field of teaching, research and administration. He has delivered more than four thousand lectures to the undergraduate and postgraduate students in various reputed institution. He has also participated in different scientific activities like Young Scientist Conclave and start up programs. A large number of scholarly papers by him have been published in various national and international journals. He has also completed state and national level funded projects. His scientific articles have been

					published in different magazines and newspapers. He is also a member of academic bodies and reviewer of American Journal.
30	Dr. Ankit Saini	Assistant Professor and Head	Eternal University, Baru Sahib, Sirmaur, Himachal Pradesh	Young Agronomist Award	His research interests are in the field of cropping system and crop production, weed management, organic agriculture and nutrient management. Dr. Ankit Saini has published 20 research papers and five review papers in various national and international journals of high repute. He has also published eight book chapters, three books, five popular articles and one patent.
31	Mr. Ashutosh Kamal	Research Scholar	Banaras Hindu University, Varanasi	Young Scientist Award	He has worked in several organizations like SOOVA NGO, Mayurbhanj (Odisha) as Livestock Extension Officer, as Senior Manager in Glimpses Agro Gardening Pvt. Ltd., Etah (Uttar Pradesh) and in Uttarakhand Sheep Goat Farmer Co-operative Federation, Dehradun (Uttarakhand) as Livestock Associate.
32	Dr. Sapna	Senior Research Fellow	ICAR- Indian Institute of Wheat and Barley Research, Karnal	Young Women Scientist Award	She has advanced plant physiology by her work on rhizobial isolates in mungbean, drought amelioration of wheat, early maturing wheat genotype

					which are evident through publication in reputed journals and also patented innovation the smart aquaponics growth monitoring device which exemplifies her commitment to precision agriculture, advancing eco-friendly farming solutions.
33	Pratyush Chand	M.Sc.	CSK Himachal Pradesh Agricultural University, Palampur	Best MSc Thesis Award	<p>The study was conducted in Himachal Pradesh's Mandi district and it examined the economics of dairy farming. It was found that breeds like Holstein Friesian and Jersey cross provide higher returns compared to local cows, despite higher input costs. Key challenges included high fodder and labor costs, limited green fodder, and disease vulnerability in exotic breeds.</p> <p>Recommendations include promoting profitable breeds, reducing input costs through policy support, and educating farmers to improve value addition so as to make dairy farming a more efficient and profitable venture.</p>
34	Chinmaya Sahoo	M.Sc.	Kerala Agricultural University, Thrissur, Kerala	Best M.Sc. Thesis Award	his study highlighted the effectiveness of using the Broadbed and Furrow (BBF) land

					<p>configuration method, combined with the soybean variety JS 2069, in enhancing soybean productivity in summer rice fallows of Kerala.</p> <p>Key findings include: 1.Land Configuration: BBF emerged as the most effective in terms of growth and yield parameters, though Ridge and Furrow also demonstrated economic viability. Either method could be adopted depending on local economic conditions. 2.Soybean Variety: JS 2069 was identified as the most suitable variety when grown under BBF, leading to optimal growth and yield outcomes.</p>
35	Mithilesh Malani	Farmer	HaritaGram Organic Farm, Maharashtra	Innovative Farmer Award	His Outstanding contribution in the field of Innovative Natural and Organic Farming
36	Dr. F. K. Chaudhary	Retd. Research Scientist (Agroforestry)	S. D. A. U., Sardarkrushinagar	Lifetime Achievement Award	"Dr. F. K. Chaudhary's remarkable contributions in agriculture, integrated pest management, and agroforestry have significantly enhanced productivity per capita at the farmer level. His innovative approaches and commitment to

					sustainable farming practices have empowered countless farmers, leading to more resilient agricultural systems and improved livelihoods. Through his dedication, Dr. Chaudhary has set a benchmark for impactful work in the agricultural sector, driving progress toward a sustainable and productive future. His efforts continue to inspire both current and future generations in the field."
37	Dr. Juri Das	Assistant Professor	Teerthanker Mahaveer University, Moradabad	Prof. Rattan Lal Award (Soil Science)	"Dr. Juri Das has made significant contributions to the field of Soil Science & Agricultural Chemistry, with a focus on enhancing productivity. Her research and expertise in soil health and nutrient management have provided invaluable insights into sustainable agricultural practices, leading to improved crop yields and resource efficiency. Dr. Das's dedication to advancing soil science not only benefits farmers but also supports the long-term health and resilience of agricultural systems. Her work stands as an inspiration in the pursuit of sustainable food

					production and environmental stewardship."
38	Vijay Kumar	Technical Officer (Plant Breeding)	ICAR-Sugarcane Breeding institute, Regional Centre, Karnal	Swaminathan Award	he has supported the development of sugarcane 4 to 5 varieties over his 10years service as a technical officer. He is also a part of 3 patents registered along with 3 authored books on agriculture which signifies his commitment to innovation, knowledge and sustainable growth in agriculture sector
39	Dr. Himanshu Tripathi	Assistant Professor	RSM College Dhampur, Bijnor	Young Academician Award	Dr. Tripathi has played a pivotal role in improving agricultural sustainability and efficiency. His dedication to fostering productivity in agriculture not only benefits farmers but also contributes to food security and environmental health. His impactful work continues to inspire progress in the agricultural sector.
40	Gunjan Joshi	PhD Scholar	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar	Best M.Sc. Thesis Award	Thesis tittle- Influence of mulching and potassium fertilization on growth, yield and quality of Jackfruit (<i>Artocarpus heterophyllus</i> L.) cv. Pant Garima
41	Mr. Akash Deep Kamboj	PhD Scholar	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar	Best M.Sc. Thesis Award	Thesis tittle- Studies on the impact of bio-agents on the quality attributes of gladiolus cultivars under

					<i>tarai</i> region of Uttarakhand
42	Mr. Parth Udaykumar Joshi	Marketing Manager	AMAZ Chemicals LLP	Swaminathan Award	It is a great prestige bestowed upon Parth for his significant contributions to pest management as a public health expert. Parth Published research works, such as the articles "Pest Management in Urban Areas" and "The Role of IT & Drone tech in IPM - Urban Pest Management & Wildfire Management," have impacted the industry to a great extent. The work commitment reflected through this award is for your contributions to advancing sustainable solutions for pest control and bringing about innovation in the agricultural sector.
43	Dr. C Yuva Raj	Assistant Professor	Malla Reddy University, Hyderabad	Eminent Scientist Award	Dr. C. Yuvaraj has made vast contributions to Agricultural Extension Education and research, significantly impacting farmers through awareness programs at both the university and village levels. His efforts in educating and empowering farmers have bridged the gap between agricultural research and practical application, fostering

					sustainable practices that enhance productivity and livelihoods.
44	Arpita Gaurav Rastogi	Assistant Professor	G D Goenka University, Gurugram	Young Women Scientist Award	Dr. Arpita G. Rastogi has made substantial contributions to the field of Agricultural Economics at the state level. Her expertise and research have provided valuable insights into economic strategies that support agricultural growth and sustainability. Dr. Rastogi's work has played a key role in shaping policies and practices that enhance the livelihoods of farmers, optimize resource use, and drive economic progress within the agricultural sector.
45	Mr. Narendra Singh Mehra	Farmer	Nainital, Uttarakhand	Innovation of Farming Award	Outstanding contribution in the field of Natural Farming. He has trained thousands of farmers at national level.
46	Dr. Ningombam Bijaya Devi	Assistant Professor	Dhanamanjuri University, Imphal, Manipur	Women Scientist Award	She has contributed in the field of Plant Pathology. She has published 10 papers of UGC care Listed in Journal and Worked as an Editor of two books in Plant Pathology by International Publisher.
47	Km. Mamta Sahani	PhD Scholar	Mangalayatan University, Aligarh	Best Poster Presentation Award	Title - IDENTIFICATION, MOLECULAR CLONING OF RICE <i>SQUAMOSA</i> PROMOTER BINDING PROTEIN-LIKE 14 ORTHOLOGOUS GENE IN WHEAT FOR

					FUNCTIONAL CHARACTERIZATION IN WHEAT Role- Wheat is one of the most important crops in the world. Squamosa promoter binding protein-like (SPL) proteins are plant-specific transcript factors and play critical roles in plant growth and development. Squamosa
48	Dr. Vinit Pratap Singh	Assistant Professor	College of Agriculture, Azamgarh, ANDUA&T, Ayodhya	Best Teacher Award	He is specialised in Mycology specifically on mushroom and its disease management. He also worked on biocontrol agent Trichoderma. He has more than 30 research papers of national and international repute, more than 5 book chapters and one book. He received Young Scientist Award and Excellence in Research Award in the year of 2018
49	Ms. Yashmin Akhtar	Assistant Professor	Muslim Balika Mahavidhyalaya M.D. Road, Jaipur	Young Women Scientist Award	She has contributed in the field Life Science. Her commitment to Life Science has fostered valuable advancements in agricultural practices and ecosystem management at the grassroots level. Her work continues to benefit farmers, researchers, and policymakers alike, driving progress toward a more sustainable and scientifically informed agricultural landscape
50	Dr. Savita	Assistant Professor	Hansraj College, New Delhi	Young Women Scientist Award	Dr. Savita, Assistant Professor at Hansraj College, University of Delhi, has focused her research on biotechnological advancements and

					<p>plant regeneration, with a particular emphasis on Citrus jambhiri (rough lemon). She has developed efficient protocols for in vitro regeneration, somatic embryogenesis, and resistance selection against Phytophthora parasitica, enhancing the resilience of citrus crops. Her work also includes molecular characterization and clonal fidelity studies, supporting sustainable agriculture and crop improvement. Additionally, Dr. Savita explores nanotechnology and green synthesis methods to address abiotic stress in crops. She actively shares her findings through book chapters, reviews, and conference presentations, covering topics such as environmental conservation, mushroom cultivation, and traditional medicine, with a strong focus on sustainability.</p>
51	Ms. Alka Kacker	IQAC Director	Hansraj College, New Delhi	Excellence In Teaching	
52	Prof. Preeti Dharmarha	Dept. of Mathematics	Hansraj College, New Delhi	Excellence In Teaching	<p>Prof. (Dr.) Preeti Dharmarha has been a faculty member in the Department of Mathematics at Hansraj College since 1987. A distinguished alumnus, she graduated with the top university rank in both her undergraduate and postgraduate studies. Her</p>

					<p>expertise lies in Operator Theory within Functional Analysis. Her research interests include Analytic Toeplitz Operators, Weyl and Browder Spectral Theory, and Operator Inequalities in Quaternionic Hilbert Spaces. Prof. Dharmarha has published extensively in reputed international and national journals. Additionally, she has served as a resource person at many conferences and workshops, as well as organizing many of these events.</p>
53	Dr. Anand Sonkar	Associate Professor	Department of Botany Hansraj College, New Delhi	Excellence In Teaching	<p>In recognition of outstanding dedication, exceptional teaching ability, and unwavering commitment to the academic and personal growth of students, we proudly award the Best Teacher Award to Dr Anand Sonkar, Department of Botany, Hansraj College, University of Delhi. Dr Sonkar completed his master's and doctoral studies in plants sciences from University of Delhi. His passion for plant exploration led to the discovery of a “new plant species” to the human kind from the western</p>

					<p>ghats of India. One of his research projects has also been recognised for the “Best Innovative Idea” by University of Delhi. Through innovative teaching methods, tireless support, and a passion for education, he has inspired countless students to reach their full potential in his 21 years of teaching career. His ability to create a nurturing and inclusive classroom environment has fostered a love of learning and encouraged students to challenge themselves. Dr Sonkar's contributions extend beyond the classroom; he has actively participated in various initiatives of college and university of Delhi. He has also been a part of community outreach programs, exemplifying the true spirit of a dedicated educator. With his remarkable administrative skills, he has led multiple teams to their summit in the past two decades. Presently he is serving as the Joint Dean of Admissions at University of Delhi. We commend his exceptional achievements and thank him for</p>
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					making a profound impact on the lives of students and the college community.
54	Dr. Vandana Kumari Singh	Associate Professor Department of Zoology Hansraj College	Department of Zoology, Hansraj College, New Delhi	Excellence In Teaching	<p>Today, we honour Dr Vandana Kumari Singh a distinguished scholar and educator whose commitment to academic excellence and student success has left an indelible mark in the field. With a wealth of knowledge in Biochemistry and a passion for teaching, Dr Vandana has inspired countless students to reach new heights in their academic journeys. As an Associate Professor dedicated to fostering critical thinking and scientific curiosity, Dr Vandana has contributed significantly to advancing knowledge and research. Her Commitment to INSTITUTIONAL AND PROFESSIONAL SERVICE is remarkable, To name a few She has served in several committees of the college, to name few Member Governing body of the college- Teacher representative 2017-18.</p> <p>Liaison Officer, Hansraj College, 2017-202</p> <p>Student Advisory committee</p>

					Coordinator Mahatama Hansraj Cluster centre, Development Fund Committee
55	Dr. Luxita Sharma	Associate Professor and Head, Dietetics and Applied Nutrition and Amity Medical School, Amity University, Haryana		Women Scientist Award	She has 19years experience as a Researcher and an Academician. Her Outstanding Contribution in the field of Food and Nutrition. She has many Patents and copyrights granted. She has published Hundred and two Research Papers and Eighteen books with National and International publishers
56	Avadhesh Singh Choudhary	HoD, School of Agriculture Science, Research and Technology	Sardar Patel University, Balaghat	Best Teacher Award	Dr. Avdesh has made significant contributions to the field of horticulture, with a particular focus on the protected cultivation of vegetables. His work in developing and promoting sustainable practices for cultivating vegetables under controlled environments has enhanced productivity, resource efficiency, and crop quality. Dr. Avdesh's expertise in protected cultivation has provided valuable insights and innovative solutions for overcoming environmental challenges, ensuring year-round crop production, and improving the resilience of vegetable farming. His contributions are vital to advancing

					horticultural practices and supporting food security."
57	Dr. Amit Kumar Singh	Senior Scientist	ICAR-NBPGR, New Delhi	Gregor Mendel Award	Dr. Amit has made valuable contributions to the field of Agricultural Biotechnology. His work has advanced the development of innovative biotechnological solutions that enhance crop resilience, productivity, and sustainability. Through his dedication to research and application, Dr. Amit has addressed critical challenges in agriculture, such as improving plant genetics, enhancing disease resistance, and optimizing resource use. His contributions are instrumental in driving agricultural innovation, supporting food security, and promoting sustainable farming practices.
58	Dr. Awani Kumar Singh	Principal Scientist	ICAR-IARI, New Delhi	Dr. BP Pal Memorial Award	Dr. Awani Kumar Singh has made significant contributions to the field of Protected Cultivation at the national level, focusing on innovative cultivation techniques that enhance crop yield and quality under controlled environments. His work likely addresses challenges in crop management, climate adaptation, and technology integration to optimize resource use and increase productivity.

59	Mr. Alok Singh	Young Professional II	NBPGR, New Delhi	Young Biotechnologist Award	Mr. Alok Singh has contributed meaningfully to the field of Plant Biotechnology, likely advancing research and applications that improve plant genetics, resilience, and productivity. His work in this field may involve innovations in genetic engineering, molecular biology, or tissue culture to support agricultural development.
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