

5th International Group Meeting

Climate-Proofing Cereal Agriculture: Strategies for Resilience and Sustainability

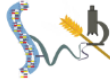
(March 27-29, 2024)

Venue: ICAR-Indian Institute of Wheat and Barley Research (IIWBR), Karnal

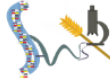
PROGRAMME

DAY 1: March 27, 2024 (Wednesday)

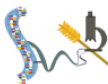
9.00-10.30	Registration of Delegates	(Venue: Main Building Lounge, ICAR-IIWBR, Karnal)
10.00-13.00	INAUGURAL SESSION	(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)
	Chief Guest: Dr. Himanshu Pathak, Secretary DARE & DG ICAR, New Delhi	
	Chairman: Dr. T. Mohapatra, Chairperson, PPVFRA, New Delhi	
	Co-Chairman: Dr. SK Chaudhari, DDG (NRM), ICAR, New Delhi	
	Presided by: Dr. Gyanendra Singh, Director, ICAR-IIWBR, Karnal	
13.00-14.00	LUNCH	(Venue: Near Farm Section, ICAR-IIWBR Karnal)
SESSION-I (Concurrent)		
Theme 1: Conventional breeding, biotechnology, bio-informatics, genetic engineering, phenomics, genomics and proteomics for cereal improvement		
(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)		
14.15-17.30	Chairman: Dr. SK Pradhan, ADG FFC, ICAR, New Delhi	
	Co-Chairmen: Dr. Sanjay Kumar, Director-ICAR-IISS, MAU, UP. Dr. Sunil Kumar, Director-ICAR-IIFSR, Modipuram Meerut	
	Convener: Dr. B. S. Tyagi, PI, AICRP Co-ordination, ICAR-IIWBR, Karnal	
	Rapporteurs: Dr. Vikas Gupta, Dr. Charan Singh and Dr. Rakesh Bairwa	
	Keynote/Lead speakers	
	Dr. Rajeev K. Varshney, Director, Centre for Crop & Food, Innovation, Murdoch University, Australia Title: Harnessing genetic variation for improving heat tolerance in wheat	
	Dr. R.M. Sudaram, Director, ICAR-IIRR, Hyderabad Title: Development of Climate resilient rice	
	Dr. SK Pradhan, ADG FFC, ICAR, New Delhi Title: Genomics-Assisted Breeding in Cereal Crops	
	Dr. Gyanendra Singh, ICAR-IIWBR, Karnal Title: Wheat Research in India-Accomplishments and future needs	
	Dr. RPS Verma, Ex-PI Barley, ICAR-IIWBR, Karnal, New Delhi Title: Barley Improvement as multi-purpose crop for climate change Oral Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-I	
SESSION-II (Concurrent)		
Theme 2: Mitigation Strategies for abiotic stress management in cereal crops		
(Venue: VS Mathur Hall, ICAR-IIWBR, Karnal)		
14.15-18.00	Chairman: Dr. Arvind Kumar Ex-DDG, ICRISAT, Hyderabad, Telangana	
	Co-Chairman: Dr. Jagadish Rane, Director, ICAR-CIAH, Bikaner	
	Convener: Dr. OP Ahlawat, Principal Investigator, Crop Improvement, ICAR-IIWBR, Karnal	
	Rapporteurs: Dr. Mamrutha HM, Dr. Rinki & Dr. Charu Lata Sharma	
	Keynote/Lead speakers	
	Matthew Paul, Principal Research Scientist-Crop Physiology, Rothamsted Research (UK) Title: Modifying trehalose 6-phosphate (T6P) content in wheat as a means to combining drought resilience and yield potential	
Dr. Jagadish Rane, Director, ICAR-CIAH, Bikaner Title: Affordable Phenomic tools for measurement of abiotic stress in annual crops		
Dr. OP Ahlawat, Principal Investigator, Crop Improvement, ICAR-IIWBR, Karnal Title: Rhizosheath Formation in Contrasting Wheat Genotypes for Drought Stress Tolerance, and its Relevance in Drought Stress Tolerance		
Dr. Ratan Tiwari, Principal Scientist, ICAR-IIWBR, Karnal Title: Mitigation Strategies engaging high throughput genotyping and phenotyping for heat stress tolerance in wheat		



	<i>Oral Presentations(Hybrid mode)- Please see Session-wise speaker list in Annexure-I</i>
POSTER PRESENTATION SESSION-I (Concurrent)	
Theme 4: Cereal quality, nutrition, post-harvest processing, value addition and marketing for food safety and global nutritional security <i>(Venue: Board Room, ICAR-IIWBR, Karnal)</i>	
14.15-18.00	Conveners: Dr. Ravish Chatrath, Ex-PI, Crop Improvement, ICAR-IIWBR Karnal Dr. Arun Gupta, Principal Scientist, ICAR-IIWBR, Karnal Dr. Raj Kumar, Principal Scientist, ICAR-IIWBR, Karnal
	Moderators: Dr. Sunil Kumar and Dr. Lokendra Kumar
	<i>Poster Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-II</i>
19.00-20.30	CULTURAL SAGA <i>(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)</i>
20.30-22.00	DINNER <i>(Venue: Near Farm Section, ICAR-IIWBR Karnal)</i>
DAY 2: March 28, 2024 (Thursday)	
SESSION-III (Concurrent)	
Theme 3: Biotic Stress dynamics under changing environments <i>(Venue: VS Mathur Hall, ICAR-IIWBR, Karnal)</i>	
9.15-13.00	Chairman: Dr. AK Sharma, Ex-Director, NBAIM, MAU
	Co-Chairman: Dr. Subhash Chander, Director, NCIPM, New Delhi
	Convener: Dr. Poonam Jasrotia, PI, Crop Protection, ICAR-IIWBR, Karnal
	Rapporteurs: Dr. PL Kashyap, Dr. Ravindra Kumar & Dr. Pramod Prasad
	Keynote/Lead speakers
	Dr Harbans Bariana , Adjunct Professor, Western Sydney University, Australia <i>Title: Expression of rust resistance in wheat at different growth stages and temperature regimes</i>
	Dr. HC Sharma (Ex-VC UHF, Solan, H.P) <i>Title: Impact of climate change on insect pest scenarios</i>
Dr. MS Saharan, Head, Plant Pathology, IARI, New Delhi <i>Title: Wheat earhead diseases under changing climatic scenario with special emphasis on Fusarium head blight in India</i>	
	<i>Oral Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-I</i>
SESSION-IV (Concurrent)	
Theme 5: Climate change mitigation strategies, resource management, conservation agriculture, integrated farming for sustainable cereal production systems <i>(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)</i>	
9.15-13.00	Chairman: Dr. SK Chaudhari, DDG, NRM, ICAR, New Delhi
	Co-Chairpersons: Dr. RK Yadav, Director, ICAR-CSSRI, Karnal & Dr. Anupama Singh, Dean IARI, New Delhi
	Conveners: Dr. SC Tripathi, PI, Resource Management, ICAR-IIWBR, Karnal
	Rapporteurs: Dr. RP Meena, Dr. Neeraj Kumar & Dr. Jayanth
	Keynote/Lead speakers
	Dr Mahesh Kumar Gathala , Systems Agronomist and Lead, CIMMYT, Bangladesh <i>Title: Strategic Roles of Long-term experiments in Sustainable Agricultural production Systems</i>
	Dr. HS Jat , Director, ICAR-IIMR, Ludhiana <i>Title: Building resilience in wheat agri-food systems through conservation agriculture practices in North Western, India</i>
Dr. SC Tripathi , Principal Investigator, Resource Management, ICAR-IIWBR, Karnal <i>Title: Climate change mitigation strategies for cereal based cropping system</i>	
Dr. R. Sendhil, Associate Professor, Pondicherry University <i>Title: Sowing Sustainability: Harnessing Carbon Credits for Cereal Farmers</i>	
	<i>Oral Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-I</i>
POSTER SESSION-II (Concurrent)	
Theme 2: Mitigation Strategies for abiotic stress management in cereal crops <i>(Venue: Board Room, ICAR-IIWBR, Karnal)</i>	
9.15-1.00	Conveners: Dr. Sindhu Sareen, Dr. Chuni Lal & Dr. Pradeep Sharma
	Moderators: Dr. Sonia Sheoran and Dr. Hanif Khan



	<i>Poster Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-II</i>	
13.00-14.00	LUNCH	<i>(Venue: Near Farm Section, ICAR-IIWBR Karnal)</i>
SESSION-V (Concurrent)		
Theme 6: Industry linkages and agri-business for food and nutritional security		
<i>(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)</i>		
14.15-17.30	Chairman: Sh. Raju Kapoor , Director, FMC, New Delhi	
	Co-Chairman: Sh. Jagdeep Marahar , Head of Nestle, R&D Center, Gurugram	
	Convener: Dr. Amit Sharma , Seed In-charge, ICAR-IIWBR, Karnal	
	Rapporteurs: Dr. CN Mishra & Dr. Umesh Kamble	
	Keynote/Lead speakers	
	Dr. Amit Sharma , Principal Scientist & In-charge Seed Program, ICAR-IIWBR, Karnal <i>Title: IIWBR Seed Model for accelerated genetic gain and deployment of climate resilient varieties in wheat</i>	
	Dr. Pushplata Singh , Director, TERI-Deakin Nanobiotechnology Centre, Gurugram <i>Title: Nanofertilizers for achieving Sustainable Agriculture goals</i>	
	Dr. Ritesh Sharma, BEDF (APEDA) <i>Title: Prospects and Opportunities in Basmati Rice</i>	
	Panelists	
	Sh. Vijay Setia , President, BEA, Karnal	
	Sh. Krishan Dhawan , EBRO, India	
	Sh. Shubham Goel , Star AgriSeeds	
	Sh. Nishant Jain , Genetic Seeds	
	Sh. Pragat Singla , Sri Ganesh Seeds	
Sh. Kushal Deep , DDM, NABARD		
Dr. Preeti Agrawal (Senior Manager, Registration & Regulatory Affairs, Syngenta Ltd.)		
Dr. Nirjan (Senior Manager, Marketing, IFFCO India Ltd.)		
Kribhco Representative		
POSTER SESSION-III(Concurrent)		
Theme 1: Conventional breeding, biotechnology, bio-informatics, genetic engineering, phenomics, genomics and proteomics for cereal improvement		
<i>(Venue: VS Mathur Hall, ICAR-IIWBR, Karnal)</i>		
14.15-17.30	Conveners: Dr. OP Ahalawat, Dr. B.S. Tyagi & Dr. Rekha Malik	
	Moderators: Dr. Satish Kumar, Dr. JB Singh and Dr. Jogendra Kumar	
<i>Poster Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-II</i>		
POSTER SESSION-IV (Concurrent)		
Theme 5: Climate change mitigation strategies, resource management, conservation agriculture, integrated farming for sustainable cereal production systems		
<i>(Venue: Board Room, ICAR-IIWBR, Karnal)</i>		
14.15-17.30	Conveners: Dr. AS Kharub, Dr. RS Chhokar Dr. Anil Khippal & Dr. Satyavir Singh	
	Moderators: Dr. Anuj Kumar and Dr. S.C. Gill	
	<i>Poster Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-II</i>	
DAY 3: March 29, 2024 (Friday)		
SESSION-VI(Concurrent)		
Theme 4: Cereal quality, nutrition, post-harvest processing, value addition and marketing for food safety and global nutritional security		
<i>(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)</i>		
9.15-1.00	Chairman: Binu Cherian , Country Manager, HarvestPlus, ICRISAT, Patancheru	
	Co-Chairmen: Dr. Dayakar Rao B (Nodal officer -Technology Business Incubator, Nutrihub, ICAR-IIMR, Hyderabad) & Dr. Ravish Chatrath , Ex-PI, Crop Improvement, ICAR-IIWBR Karnal	
	Convener: Dr. Sewa Ram (PI- Quality, ICAR-IIWBR, Karnal)	
	Rapporteurs: Dr. OP Gupta, Dr. Vanita Pandey and Dr. Anuj(Jr)	
	Keynote/Lead speakers	
Dr. G Velu , Senior Wheat Breeder, CIMMYT, Mexico		



	Title: <i>Mainstreaming grain zinc in CIMMYT Wheat germplasm</i>
	Dr. Dayakar Rao B , Nodal officer -Technology Business Incubator, Nutrihub, ICAR-IIMR, Hyderabad
	Title: <i>Millets Post-Harvest Processing, Value Addition and Marketing</i>
	Dr. Sewa Pam , Principal Investigator, Quality, ICAR-IIWBR, Karnal
	Title: <i>Wheat for human nutrition: facts and misconceptions</i>
	Dr. Aruna Tyagi , Head, Biochemistry Department, IARI, New Delhi
	Title: <i>Rice Bran oil: A rich source of bioactive compounds</i>
	<i>Oral Presentations (Hybrid mode) - Please see Session-wise speaker list in Annexure-I</i>

POSTER SESSION-II (Concurrent)

Theme 3: Biotic Stress dynamics under changing environments

(Venue: Board Room, ICAR-IIWBR, Karnal)

9.15-12.00	Conveners: Dr. Omvir Singh, Dr. Rajender Singh and Dr. OP Gangwar
	Moderators: Dr. PL Kashyap Dr. SK Bishnoi and Dr. Suman Lata
	<i>Poster Presentations (Hybrid mode)- Please see Session-wise speaker list in Annexure-II</i>

SESSION-VII

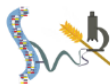
VALEDICTORY SESSION

(Venue: S. Nagarajan Hall, ICAR-IIWBR, Karnal)

12.00-13.00	Chairman: Dr. Sanjay Kumar, Chairman, ASRB, New Delhi
	Co-Chairman: Dr. Major Singh, Member (Crop Science) ASRB, New Delhi
	Convener: Dr. B.S. Tyagi, PI, AICRP Co-ordination, ICAR-IIWBR, Karnal
	Welcome of Guests: Dr. Gyanendra Singh, Director, ICAR-IIWBR, Karnal
	Announcement of Oral/Poster Presentation Winners: Dr. Satish Kumar, Co-organizing Secretary, IGM
	Address by Co-Chairman: Dr. Major Singh, Member (Crop Science) ASRB, New Delhi
	Address by Chairman: Dr. Sanjay Kumar, Chairman, ASRB, New Delhi
	Vote of thanks: Dr. Poonam Jasrotia, Organizing Secretary, IGM
	National Anthem
13.00-14.00	LUNCH

(Venue: Near Farm Section, ICAR-IIWBR Karnal)

* **Time slot:** 20-25 minutes for Lead/Keynote speakers & 10 minutes for oral presentation speakers, and 5-7 minutes for poster presentation speakers



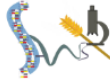
ANNEXURE-I- ORAL PRESENTATIONS SPEAKERS

Theme I: Conventional breeding, biotechnology, bio-informatics, genetic engineering, phenomics, genomics and proteomics for cereal improvement (Date: 27.03.2024; Time: 2 pm onwards) (Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
IOP-1	Amit Gautam	Associate Scientist	ICARDA-India	The ICARDA Durum Wheat Program for Resilient Dryland Farming	Physical Mode
IOP-2	Charan Singh	Senior Scientist	ICAR- IIWBR, Karnal	Unlocking the potential of Early maturity genotypes	Physical Mode
IOP-3	Jang Bahadur Singh	Head & Principal Scientist	ICAR-IARI Regional Station, Indore (MP)	Improving popular sharbati wheat varieties (HI 1500 and HI 1531) through mutation breeding	Physical Mode
IOP-4	Jogendra Singh	Principal Scientist	ICAR- IIWBR, Karnal	Problems and prospects of naked barley improvement in India	Physical Mode
IOP-5	Mamrutha HM	Senior scientist	ICAR- IIWBR, Karnal	Harnessing The Potential of SDN1-CRISPR/ Cas9 Genome Editing For Wheat Improvement	Physical Mode
IOP-6	Narayana Bhat Devate	National Associate Scientist	ICARDA-India	Enhancing Barley Breeding for Arid and Semi-arid Regions Through Multilocation Testing and Root Architecture Analysis	Physical Mode
IOP-7	Rashmi Chhabra	DST-Woman Scientist	ICAR- IIWBR, Karnal	Making Super-Sweet Corn 'Sweeter' and 'Healthier' Through Genomics-Assisted Breeding	Physical Mode
IOP-8	Rashpal Singh	Ph.D. Scholar	ICAR- IIWBR, Karnal	Evaluation of G×E Interaction and Yield Stability in Elite Genotypes of Bread Wheat (<i>Triticum aestivum</i> L.) using AMMI Model	Physical Mode
IOP-9	Santosh Kumar Bishnoi	Scientist	ICAR- IIWBR, Karnal	The non-brittle rachis in barley: Genetic insight into the key domestication trait	Physical Mode
IOP-10	VIKESH TANWAR	Ph.D Scholar	CCSHAU, Hisar	Identification of Novel Marker–Trait Associations for Stripe rust Resistance in Diverse Wheat Germplasm Using DArt Markers	Physical Mode
IOP-11	Shabir Hussain Wani	Assistant Professor	MRCFC Khudwani SKUAST Kashmir	Evaluation of Wheat Germplasm for Stripe Rust Resistance under Field and Controlled Conditions	Virtual Mode
IOP-12	Sundeep Kumar	Principal Scientist	ICAR-NBPGR	Multi-Locus Genome-Wide Association Studies to Identify Resistance Genes/ QTLs Associated with Fusarium Head Blight Resistance In Indian Durum Wheat Germplasm Accessions	Virtual Mode
IOP-13	VIKAS VK	Senior Scientist	IARI Regional Station Wellington	Identification of Novel Genomic Regions Associated with Seedling and Adult Plant Stage Leaf Rust Resistance in Bread Wheat (<i>Triticum aestivum</i> L.) Through Genome-Wide Association Studies (GWAS)	Virtual Mode

Theme II: Mitigation Strategies for abiotic stress management in cereal crops (Date: 27.03.2024; Time: 2 pm onwards) (Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
2OP-1	Arvind Kumar	Senior Scientist	ICAR-CSSRI, KARNAL	Selection and characterization of candidate parental lines of barely for sodicity stress tolerance	Physical Mode
2OP-2	NARENDER MOHAN	SRF	ICAR- IIWBR, Karnal	Controlled Release Bionanoconjugate: A Smart and Sustainable Attribute to Mitigate Chilling and Terminal Heat Stress on Wheat	Physical Mode
2OP-3	Pradeep Sharma	Pr Scientist	ICAR- IIWBR, Karnal	Heat stress-responsive SSR markers to assess the genetic diversity in wheat for heat tolerance breeding	Physical Mode
2OP-4	Priyanka Chandra	Scientist	ICAR-CSSRI	Native arbuscular mycorrhizal fungi (AMF) for enhancing wheat productivity and tolerance under salt-stressed conditions	Physical Mode
2OP-5	Rinki	Scientist	ICAR- IIWBR, Karnal	Comprehending Wheat Lodging by Analyzing Stem Architectural Traits	Physical Mode
2OP-6	Satyam Singh	Student	Banda University of Agriculture & Technology, Banda	Evaluation of Morpho-Physiological Traits for Improving Adaptation under Terminal Heat and Drought Stress in Bread Wheat (<i>Triticum aestivum</i> L.)	Physical Mode
2OP-7	Tanushree Sarkar	Research Associate	Bhabha Atomic Research Centre	Ammonium transporter gene family in wheat (<i>Triticum aestivum</i> L.): Bioinformatics, physiological, evolutionary and expression analyses under nitrogen stress	Physical Mode
2OP-8	Amandeep Kaur	Ph.D Student	ICAR- IIWBR, Karnal	Identification and characterization of heat tolerance in wheat using stress indices	Virtual Mode
2OP-9	Manisha Kumari	Student	Dr. RPCAU, Pusa, Samastipur, Bihar	Impact of Restricted Irrigation Condition on Morphological Traits of Bread Wheat (<i>Triticum aestivum</i> L.) Genotypes	Virtual Mode
2OP-10	Monika Saroha	Student	ICAR- IIWBR, Karnal	Comparative Analysis of Cytosine Methylation Levels Induced by Heat Stress in the Rca (Rubisco Activase) Coding Region in Leaves of Contrasting Wheat Genotypes	Virtual Mode
2OP-11	Poonam Sharma	Ph.D Student	CSKHVKV, Palampur, HP	Assessment Of Morphological Variability in Indigenous and Exotic Rice (<i>Oryza Sativa</i> L.) Under Sodic Soil Conditions	Virtual Mode
2OP-12	Uday Govindareddy	Junior Breeder	UAS, Dharwad	Unravelling Genetic Variability through Principal Component Analysis for drought responsiveness in durum wheat germplasm.	Virtual Mode



**Theme III: Biotic Stress dynamics under changing environments (Date: 28.03.2024; Time: 9 am onwards)
(Concurrent)**

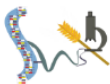
S.No	Name	Designation	Affiliation	Title	Mode
3OP-1	Ankit Kumar Singh	Ph.D. Research Scholar	ICAR- IIWBR, Karnal	Biological Control of Sheath Blight Disease and Plant Growth Promotion in Rice by using different isolates of <i>Trichoderma harzianum</i> and Fluorescent <i>Pseudomonas</i>	Physical Mode
3OP-2	Charu lata	Scientist	ICAR-IIWBR, RS, Shimla	Unlocking Sugar Transporters: Paving the Way to Sustainable Wheat Rust Management	Physical Mode
3OP-3	Keshav Saharan	Research Scholar	CCSHAU, Hisar	Application of Omics Technologies in Molecular Mechanism of Cereal's Host-Resistance against Biotic Stresses	Physical Mode
3OP-4	Manoj Kumar Yadav	Scientist	ICAR-IARI, Regional Station, Karnal	Genetic Association Study for Blast Resistance Using SSR Markers In Rice Varieties	Physical Mode
3OP-5	Prem Lal Kashyap	Senior Scientist	ICAR- IIWBR, Karnal	Genetic diversity, phylogeographic relationships, and population structure of wheat loose smut fungus <i>Ustilago tritici</i> from the hill and plain terrains of India	Physical Mode
3OP-6	Ravindra Kumar	Senior Scientist	ICAR- IIWBR, Karnal	Virulence analysis of <i>Bipolaris sorokiniana</i> , fungal incitant of spot blotch disease in wheat	Physical Mode
3OP-7	Renu	Research Scholar	ICAR- IIWBR, Karnal	Identification of Genomic Regions Associated with Stripe Rust Resistance in W8627 x PBW343 derived Wheat Recombinant Inbred Population	Physical Mode
3OP-8	Abhishek K Gowda	Ph.D Scholar	UAS, Dharwad	NANOPARTICLE MEDIATED SPRAY-INDUCED GENE SILENCING (SIGS): A NOVEL TOOL TO CONTROL SPOT BLOTCH DISEASE OF WHEAT.	Virtual Mode
3OP-9	Gurudatt M Hegde	Principal Scientist	UAS, Dharwad	Management of Footrot Disease in Rainfed Wheat by using the Combi product (Carboxin 37.5%+ Thiram 37.5%) WP	Virtual Mode
3OP-10	Malkhan Singh Gurjar	Senior Scientist	ICAR-IARI, New Delhi	Advances in Genomics of Karnal Bunt Pathogen in Wheat	Virtual Mode
3OP-11	Prashanth Babu H	Senior Scientist	ICAR- IIWBR, Karnal	Differential Silicon regime earmarks distinct genomic regions for yield traits and leaf rust resistance in Bread wheat though association analysis.	Virtual Mode
3OP-12	Pritam Kumari	Ph.D scholar	CCSHAU Hisar	Uncovering genomic region associated with <i>Rhopalosiphum maidis</i> (Fitch) resistance in wild and synthetic wheat using genome wide association mapping	Virtual Mode

Theme IV: Cereal quality, nutrition, post-harvest processing, value addition and marketing for food safety and global nutritional security (Date: 29.03.2024; Time: 9 am onwards)

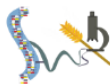
S.No	Name	Designation	Affiliation	Title	Mode
4OP-1	Anuj Kumar	Principal Scientist	ICAR- IIWBR, Karnal	Deployment of climate resilient and bio fortified wheat Varieties in Punjab and Haryana: A Status Report	Physical Mode
4OP-2	Kiran B. Gaikwad	Senior Scientist	ICAR-IARI, New DELHI	Discovering novel genomic regions associated with grain and nutritional quality traits in an ancient Indian landrace <i>Triticum sphaerococcum</i> through ML-GWAS	Physical Mode
4OP-3	O. P. Gupta	Senior Scientist	ICAR- IIWBR, Karnal	Unveiling the complexities of NaFeEDTS and ascorbic acid fortification on Fe and Zn bioavailability in wheat cultivars	Physical Mode
4OP-4	Ajay Verma	Principal Scientist	ICAR- IIWBR, Karnal	Effective use of social media platforms for digital extension to ensure the sustainable wheat production	Physical Mode
4OP-5	Sunil Kumar	Principal Scientist	ICAR- IIWBR, Karnal	Celiac antigenicity analysis of Indian <i>aestivum</i> and <i>durum</i> wheat varieties	Physical Mode
4OP-6	Vanita Pandey	Senior Scientist	ICAR- IIWBR, Karnal	Evaluation of Genetic Diversity of Hexaploid Wheat Cultivars for Total and Soluble Pentosan Content across Diverse Growing Conditions	Physical Mode
4OP-7	Aditi Dobhal	Ph.D. Scholar	GBPUA&T, Pantnagar, Uttarakhand	Enhancing Wheat Grain Quality Through Application of Liquid Bioformulation Comprising <i>Pseudomonas Fluorescens</i> on the Wheat Grains Infected By Spot Blotch	Virtual Mode
4OP-8	Soma Srivastava	Senior Scientist	ICAR-CAZRI, Jodhpur	Functional, Nutritional and Textural Attributes of Pearl Millet (<i>Pennisetum glaucum</i>) Flakes	Virtual Mode

Theme V: Climate change mitigation strategies, resource management, conservation agriculture, integrated farming for sustainable cereal production systems (Date: 28.03.2024; Time 9 am onwards) (Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
5OP-1	Aman Deep Sharma	Assistant Professor	Lovely Professional University	Soil Color As a Tool For Solving Salt Related Problems Of Rice-Wheat Growing Alluvial Soils	Physical Mode
5OP-2	Charul Chaudhary	YP-II	ICAR- IIWBR, Karnal	Impact of Rice Residue Management And Nitrogen Optimization On Wheat Productivity, Microbial Dynamics And Enzymatic Activities	Physical Mode
5OP-3	Shivangi Kaith	PhD Scholar	ICAR-NDRI, Karnal	The impact of nano urea on nitrogen economy in fodder oat (<i>Avena sativa</i> L.): A comprehensive study	Physical Mode
5OP-4	Shreyas Bagrecha	PhD Scholar	ICAR-NDRI, Karnal	Protein hydrolysates: Transforming waste into a plant biostimulant with improved rice growth and yield	Physical Mode



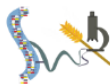
5OP-5	Raj Kumar Thakur	Senior Scientist	ICAR-CSSRI, Karnal	Role of Agroforestry in climate change mitigation and adaptation in cereal based agrosystems	Physical Mode
5OP-6	Rajender Singh Chhokar	Principal Scientist	ICAR- IIWBR, Karnal	Management of herbicides resistant weeds for sustainability of rice-wheat system	Physical Mode
5OP-7	Godavari S. Gaikwad	Assistant Professor	PDKV, Akola	Performance of different genotypes on growth and yield of wheat (<i>Triticum aestivum</i> L.) under irrigated condition	Virtual Mode
5OP-8	Manu Sharma	PhD Scholar	ICAR-CSSRI, Karnal	Integrated use of nano-nitrogen with prilled urea to improve use-efficiency and minimize environmental N losses in rice-wheat system	Virtual Mode
5OP-9	Swati G. Bharad	Senior Research Scientist	PDKV, Akola	Effect of biostimulants on Yield and Yield Contributing Characters in Wheat.	Virtual Mode



ANNEXURE II-POSTER PRESENTATIONS

Theme I: Conventional breeding, biotechnology, bio-informatics, genetic engineering, phenomics, genomics and proteomics for cereal improvement (Date: 28.03.2024; Time:2 pm onwards) (Concurrent)

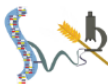
S.No	Name	Designation	Affiliation	Title	Mode
IPP-1	Ajeet Singh	Ph.D Student	J.V College , Baraut (Baghpat)	Genetic Analysis for Quantitative Traits in Bread Wheat (<i>Triticum aestivum</i> L.)	Physical Mode
IPP-2	Ajeta Katoch	Project Associate	CSIR-IHBT, Palampur	Relative Fertility Frequency of First-Generation Doubled Haploids in Wheat using Chromosome Elimination Approach	Physical Mode
IPP-3	Anamish Tyagi	Ph.D Scholar	NDUAT, Ayodhya (U.P)	Recent Advances and Breeding Techniques for Biotic Stress in Cereals.	Physical Mode
IPP-4	Anindita Mondal	PhD Research Scholar	BCKV, Kalyani	Screening for Pre-Harvest Sprouting Tolerance in Bread Wheat	Physical Mode
IPP-5	Anjali jha	Research scholar	ICAR- IIWBR, Karnal	Bridging Phenomics and Genomics gap through Artificial Intelligence: A smart approach to develop climate resilient crop	Physical Mode
IPP-6	Arun Gupta	Principal Scientist	ICAR- IIWBR, Karnal	Agro-morphological Characterization for Examining the Variability in Global Durum Wheat Panel	Physical Mode
IPP-7	Dhanashree Mhatre	Ph.D Scholar	PAU, LUDHIANA	Decoding Rust Resistance Genes From Wild Wheat Germplasm: Utilizing Genomics Approach Enhancing Resistance Against Rust In Wheat	Physical Mode
IPP-8	Disha Kamboj	Senior Research Fellow	ICAR- IIWBR, Karnal	Marker assisted backcross breeding approach for introgressing rust resistance in developed wheat varieties	Physical Mode
IPP-9	Garima	DST Scientist	ICAR- IIWBR, Karnal	The Differential Expression Patterns of miRNAs Under Salt Stress in Salt Tolerant and Salt Susceptible Wheat Genotypes	Physical Mode
IPP-10	Jogender	Ph.D. Research Scholar	CCSHAU, Hisar	Decoding the Timeline of Bread Wheat Improvement from Plant Domestication to Modern Genetic Innovations	Physical Mode
IPP-11	Kailash	Young Professional	ICAR- IIWBR, Karnal	Utilization of genetic resources for enhancing quality for food and malt in Indian barley	Physical Mode
IPP-12	Kapil Deswal	Research Scholar	CCHAU Hisar	Perspective of Transformation Methods for Developing Transgene-Free Genome Edited Wheat Crops	Physical Mode
IPP-13	Kyada Amitkumar Dilipbhai	Ph.D. Scholar	ICAR-IARI, New Delhi, India	Molecular Analysis and Phylogenetic Relationships of Indeterminate Gametophyte I (ig1) Gene for In Vivo Paternal Haploid Induction in Maize	Physical Mode
IPP-14	Lakshmi	JRF	ICAR-NDRI	Identifying the Genomic Landscape of Disease Resistance Genes (R Genes) in Wheat: A Comprehensive Genome-wide Exploration	Physical Mode
IPP-15	Pratibha	SRF	ICAR- IIWBR, Karnal	Understanding Lodging Tolerance in Wheat: Insights from Morpho-Biochemical and Molecular Studies	Physical Mode
IPP-16	Preety Rani	YP-1	ICAR- IIWBR, Karnal	Elucidating molecular marker for photosynthesis in wheat	Physical Mode
IPP-17	Nishu Raghav	Principal Scientist	ICAR- IIWBR, Karnal	Importance of leaf Azimuth in Wheat Crop Canopy	Physical Mode
IPP-18	Rishita Kapoor	Ph.D. student	CSKHPKV, Palampur	Evaluation of red rice (<i>Oryza sativa</i> L.) germplasm of Himachal Pradesh using agro morphological and molecular markers	Physical Mode
IPP-19	Sapna	SRF	ICAR- IIWBR, Karnal	Preserving the Past for the Future: Sustaining Ancient Barley germplasm in Modern Agriculture	Physical Mode
IPP-20	Sudip Kundu	Student	SHUATS, PRAYAGRAJ	Exploring Genetic Potential In Wheat Varieties: Unveiling The Potential Of Diverse Germplasm	Physical Mode
IPP-21	Suman Lata	PS	ICAR- IIWBR, Karnal	Web Based Wheat Germplasm & Genetic Resource Database	Physical Mode
IPP-22	Sushma Kumari Pawar	SRF	ICAR- IIWBR, Karnal	Marker-Assisted Selection (MAS)-Yr36 gene introgression in Indian bread Wheat cultivars	Physical Mode
IPP-23	Tanu Sharma	Student	SVPUAT, Modipuram	Climate Resilient Agriculture: A Holistic Approach	Physical Mode
IPP-24	Tushadri Singh	PhD Scholar	GBPUA&T, Pantnagar, Uttarakhand	Enhancing CRISPR/ Cas9 mediated genome editing efficiency through gRNA design optimization in wheat	Physical Mode
IPP-25	Vijeta Gupta	Assistant Scientist	CCSHAU, RRS, Uchani, Karnal	Stability analysis for canopy temperature using different models among bread wheat genotypes	Physical Mode
IPP-26	Abhay Dashora	Assistant Professor	MPUAT, UDAIPUR	Diversity of Durum Wheat (<i>Triticum durum</i> Desf.) Genotypes based on Agro-morphological Traits	Virtual Mode
IPP-27	Amit Kumar Mazumder	Student	ICAR- IIWBR, Karnal	Genome-wide association study for morpho-physiological traits in bread wheat under contrasting production regimes	Virtual Mode
IPP-28	Gourav	PA-1	IARI NEW DELHI	Genetic insights in to seed germination rate through genome-wide association studies earmarks coleoptile length as the deciding trait	Virtual Mode
IPP-29	Harshlata Regar	PhD Scholar	MPUA&T, UDAIPUR	Character Association and Path Analysis for Yield and Yield Attributing Traits in Bread Wheat [<i>Triticum aestivum</i> (L.) em Thell] Genotypes	Virtual Mode
IPP-30	Mamatha Y S	PhD scholar	ICAR-IASRI	Integrative Deep Learning and Bioinformatics Approach for In Silico Characterization of UGPase Structure in Rice (<i>Oryza sativa</i> L.)	Virtual Mode
IPP-31	Neethu Mohan	Scientist	IARI New Delhi	Foreground Selection for Stripe Rust Resistance in Hybrid	Virtual Mode



				<i>Wheat</i>	
1PP-32	Parul Gupta	Ph.D scholar	MPUA&T, UDAIPUR	Character Association and Path Coefficient Analysis for Yield and its Component Traits in Bread Wheat [<i>Triticum aestivum</i> (L.)] Genotypes	Virtual Mode
1PP-33	Dharmadhikari Avadhoot	M.Sc. Student	MPUAT, Udaipur	A Study of Diversity and Stability Analysis In Barley Genotypes	Virtual Mode
1PP-34	Rudrasen Singh	Scientist	JNKVV, RARS, SAGAR, Madhya Pradesh	Estimation of Genetic Components for Yield and Related Characters in Five Diverse Wheat (<i>Triticum aestivum</i> L.) Crosses by Six Parameter Model	Virtual Mode
1PP-35	Sabhyata	YP-2	ICAR- IIWBR, Karnal	Introgression of BNI- trait in Indian wheat genotypes for enhancing NUE	Virtual Mode
1PP-36	Sarita Choudhary	Ph.D. Scholar	MPUAT, Udaipur	Genetic Variability Studies in F2 Generation of Bread Wheat (<i>Triticum aestivum</i> L.)	Virtual Mode
1PP-37	Shaily	Student	ICAR-IARI	Genetic analysis of seedling vigor traits in bread wheat (<i>Triticum aestivum</i> L.) using genome-wide association studies	Virtual Mode
1PP-38	Shivam Tripathi	Research scholar	CSA KANPUR	Estimation Of Correlation And Path Coefficient Analysis In Bread	Virtual Mode
1PP-39	Utkarsh Tiwari	Research scholar	CSA KANPUR	Assessment of Genetic variability, Heritability and Genetic advance for some quantitative characters in bread wheat (<i>Triticum aestivum</i> L.) genotypes in Central plain Agro-climatic region of Uttar Pradesh, India	Virtual Mode
1PP-40	Vijay Kumar	Technical Officer	ICAR-SBI, Regional Centre, Karnal-132001	Genetic evaluation of exotic rice germplasm for yield and its components characters for future food security	Virtual Mode

Theme II: Mitigation Strategies for abiotic stress management in cereal crops (Date: 28.03.2024; Time: 9 am onwards) (Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
2PP-1	Deepak Kumar Prajapati	Student	NDUAT, Ayodhya (U.P)	Mitigation strategies for abiotic stress management in cereal crops	Physical Mode
2PP-2	Esha Singh	Student	SHUATS, PRAYAGRAJ	Performance comparison of rice genotypes under different environments	Physical Mode
2PP-3	Kiran Devi	SRF	ICAR- IIWBR, Karnal	Assessing Phenotypic Variability in Bread Wheat Root Systems at Reproductive Stage	Physical Mode
2PP-4	Laxman Singh Saini	Ph.D Scholar	SKNAU, Jobner	Integrated Strategies for Mitigating Abiotic Stress in Cereal Crop Production: From Traditional Breeding to Precision Agriculture	Physical Mode
2PP-5	Mahesh Upadhyay	SRF	ICAR- IIWBR, Karnal	Variation for heat tolerance in wheat genotypes	Physical Mode
2PP-6	Meda Alekya	PhD- Scholar	ICAR-IARI - New Delhi	Genetic Variation for Terminal Heat Tolerance in Emmer Wheat Germplasm and Diversity Analysis using SSR Markers	Physical Mode
2PP-7	Nisha Walia	JRF	ICAR- IIWBR, Karnal	Unravelling the Role of Potential Root Endophytic Bacteria in Inducing Drought Stress Tolerance in Sensitive Wheat (<i>Triticum aestivum</i>) Genotype Under Drought Condition	Physical Mode
2PP-8	Pushpendra	Project Associate	ICAR- IIWBR, Karnal	Screening wheat genotypes for drought tolerance through morphological and physiological traits characterization	Physical Mode
2PP-9	Sanjeev Kumar	Student	ICAR- IIWBR, Karnal	Biopriming for improving seed germination potential and seedling vigour in different wheat cultivars	Physical Mode
2PP-10	Sarita Jat	PhD Student	SKNAU, Jobner	Strategies for Improving Salinity Stress in Wheat	Physical Mode
2PP-11	Seema Sheoran	Student	ICAR- IIWBR, Karnal	Evaluation of wild wheat accessions for drought tolerance using plant morphological and physiological traits	Physical Mode
2PP-12	Sonali Srivastava	Research Scholar	NDUAT, Ayodhya(U.P)	Recent Strategies for Abiotic Stress Management in Cereal Crops: A Genetic Perspective	Physical Mode
2PP-13	Vipul Teotia	M Sc Student	SHUATS, PRAYAGRAJ	Metabolite profiling and physiological response of wheat (<i>Triticum aestivum</i> L.) in response to salinity stress	Physical Mode
2PP-14	Zeenat	SRF	ICAR- IIWBR, Karnal	Exploring Fungal Endophytes for Mitigating Abiotic Stresses in Wheat	Physical Mode
2PP-15	Ankita Pandey	Research scholar	ICAR- IIWBR, Karnal	Overexpression of Multiple-Stress Responsive Genes in Indian Wheat via Agrobacterium-mediated Transformation	Virtual Mode
2PP-16	Disha Joshi	Ph.D. Student	MPUAT, UDAIPUR	Role of Abiotic Stress Management Practices for Improving the Properties of cereal crops	Virtual Mode
2PP-17	Himansuman	Ph.D. Student	MPUAT, Udaipur	Breeding Strategies to Combat Heat Stress In Wheat	Virtual Mode
2PP-18	Naven Kumar Meena	Ph.D. Student	MPUAT, Udaipur, Rajasthan	Abiotic Stress Management in Cereal Crops	Virtual Mode
2PP-19	Pravin Bhausaheb Pawar	Ph.D. Student	ARI, Pune	Enhancing Wheat Drought Tolerance: Cost-Effective Root Architectural Phenotyping at Seedling Stage	Virtual Mode
2PP-20	Radhika Shekhawat	Student	MPUAT, Udaipur	Abiotic Stress Management in Wheat: Strategies and Challenges	Virtual Mode
2PP-21	Rajkaran Tripathi	M Sc. Student	SHUATS, PRAYAGRAJ	Study of <i>T. sphaerococcum</i> (Indian Dwarf Wheat), A Boon For Stress And Nutritional Resilience	Virtual Mode
2PP-22	Ram Kumar Singh	Senior Professor	BHU, Varanasi UP, India	Mitigating Abiotic Stress in Wheat through Rice Straw Biochar	Virtual Mode
2PP-23	Rohit Yadav	M.Sc. Student	SHUATS, PRAYAGRAJ	Effect of Terminal Heat Stress on Spikelet Fertility and Grain Filling in Durum Wheat under the Agroclimatic Conditions of Prayagraj	Virtual Mode
2PP-24	Sangam	Student	LPU Jalandhar	Estimation of GR50 values of ACM-9, Axial, Total and Leader herbicides to control the resistant population of <i>Phalaris minor</i>	Virtual Mode



2PP-25	Satish S. Bornare	Assistant Professor	K. K. Wagh College of Agriculture, Nashik (M.S.)	Retz. collected from four districts of Punjab. Appraisal of High Yielding Drought Tolerant Transgressive Segregants in Crosses of Two Rows and Six Row Barley (<i>Hordeum vulgare</i> L.) in Early Segregating Generation	Virtual Mode
2PP-26	Vikrant Khare	Research Associate	Bhabha Atomic Research Centre	Assessing heat response for wheat in central India: examining genetic variability, genotype-environment interactions, and optimal trait selection	Virtual Mode

Theme III: Biotic Stress dynamics under changing environments (Date: 29.03.2024; Time: 9 am onwards)(Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
3PP-1	Aishna Srivastava	M.Sc student	IARI, IIWBR KARNAL	Dynamics of Adaptation: How Wheat Pathogens Respond to Climate Shift	Physical Mode
3PP-2	Anupam Tripathi	Student	NDUAT, Ayodhya (U.P)	An Overview on Recent advancement of Spot Blotch (<i>Bipolaris sorokiniana</i>) in wheat	Physical Mode
3PP-3	Manisha	Ph.D Student	MPUAT, Udaipur, Rajasthan	The Battle against Cereal Cyst Nematode: Comprehensive Management Strategies	Physical Mode
3PP-4	Nikki	Ph.D Scholar	NDUAT, Ayodhya (U.P)	Entomological Perspectives on Biotic Stress: Understanding Insect Dynamics in a Changing Environment	Physical Mode
3PP-5	Sharad Kumar Meena	Ph.D. Scholar	RARI, Durgapura	Study of stage-specific field life tables of pink stem borer (<i>Sesamia inferens</i>) (Walker) on wheat	Physical Mode
3PP-6	Shouvik Gorai	Research Scholar	BCKV, Kalyani	Genetic Analysis Of Spot Blotch Disease Resistance In Wheat (<i>Triticum aestivum</i> L.)	Physical Mode
3PP-7	Shreya	Ph.D Student	CCSHAU, Hisar	Harnessing Yr Gene Linked SSR Markers To Identify Yellow Rust Resistant Wheat RILs	Physical Mode
3PP-8	Somya Singh	Ph.D Student	ICAR- IIWBR, Karnal	Management of <i>Gloeocercospora sorghi</i> and <i>Colletotrichum graminicola</i> by Fungal endophytes of <i>Sorghum bicolor</i> L.	Physical Mode
3PP-9	Hemlata Bharti	Scientist	ICAR-IARI, New Delhi	MutRenSeq: A Resistance gene capture technique to generate disease resilient plants	Physical Mode
3PP-10	Kanika Nagpal	Ph.D Student	ICAR- IIWBR, Karnal	Molecular Markers For The Detection Of <i>Sitophilus oryzae</i> In Wheat And Barley	Physical Mode

Theme IV: Cereal quality, nutrition, post-harvest processing, value addition and marketing for food safety and global nutritional security (Date: 27.03.2024; Time: 2 pm onwards)(Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
4PP-1	Ajay Kumar	Assistant Professor	Meerut Institute of Technology, Meerut	Effect of Nutrient Enrichment Through Zinc and Iron on Growth, Yield Attributing Characters and Yield of Wheat (<i>Triticum Aestivum</i>)	Physical Mode
4PP-2	Amit Rana	Senior Project Associate	CSIR-IHBT, Palampur	Genetic Improvement of Grain Texture and Agro-Morphological Trait Performance in Wheat through Gamma Ray-based Induced Mutagenesis	Physical Mode
4PP-3	Anuj Kumar	Scientist	ICAR- IIWBR, Karnal	Blending Millets-legumes With Whole Wheat Flour For Enhancing Nutritive Value Of Biscuits	Physical Mode
4PP-4	Anusmita Saha	Ph.D	ICAR- IIWBR, Karnal (IARI-KARNAL HUB),	Golden Grains: Elevating Health and Nutrition through Wheat Biofortification	Physical Mode
4PP-5	Deepti sharma	Ph.D Student	Kurukshetra University, Kurukshetra	Analysis of water-soluble carbohydrates in the stem of wheat under different water regimes	Physical Mode
4PP-6	Rajendra Kumar	ACTO	ICAR- IIWBR, Karnal	Inter-institutional collaboration for quality seed production of PB-1847 and PB-1692 at ICAR-IIWBR, Karnal	Physical Mode
4PP-7	Rakesh Kumar Bairwa	Scientist	ICAR- IIWBR, Karnal	Development of micronutrients rich lines through pre-breeding in wheat (<i>Triticum aestivum</i> L.)	Physical Mode
4PP-8	Umesh Kamble	Senior Scientist	ICAR- IIWBR, Karnal	Halopriming for improving seed quality attributes and biochemical parameters in wheat cultivars	Physical Mode
4PP-9	Jitendar Kumar Meena	Ph.D Scholar	RCA, MPUAT- Udaipur	Biotechnological Tools for Improve Productivity and Quality of Cereal Crops	Virtual Mode
4PP-10	Nitesh Halder	M.Sc. Student	SHUATS, PRAYAGRAJ	Indian Traditional Rice Landraces (<i>Oryza Sativa</i> L.): Essential Medicinal Values for Global Nutrition and Food Security	Virtual Mode
4PP-11	Priyanka Jaiswal	Assistant Professor	NDUAT, Ayodhya (U.P)	Precision Breeding Techniques for Developing Low Gluten Biofortified Wheat Varieties	Virtual Mode
4PP-12	Sawan Kumar	SRF	ICAR- IIWBR, Karnal	Assessment and Validation of QTLs governing iron and zinc accumulation in hexaploid wheat	Virtual Mode
4PP-13	Shivam Kaushik	Ph.D. Student	NDUAT, Ayodhya (U.P)	Recent Advances in Enhancing Cereal Nutrition through Agronomic Approaches	Physical Mode
4PP-14	Suma S Biradar	Principal Scientist	UAS, Dharwad	Unlocking Nutritional Potential of tetraploid wheats: Leveraging hybridization and Marker-Assisted Selection techniques	Virtual Mode
4PP-15	Himanshi Jhalora	M.Sc Scholar	MPUAT, Udaipur, Rajasthan	Barley: A Potential Cereal for Producing Healthy and Functional Foods	Virtual Mode
4PP-16	Yashavanthakumar KJ	Scientist D	Agharkar Research Institute	An Examination of Wheat Grain Quality, Nutritional Characteristics, and Yield in Drought and Heat Stress Conditions Using Multiple Environments	Virtual Mode



Theme V: Climate change mitigation strategies, resource management, conservation agriculture, integrated farming for sustainable cereal production systems (Date: 28.03.2024; Time 2 pm onwards) (Concurrent)

S.No	Name	Designation	Affiliation	Title	Mode
5PP-1	Anuradha Yadav	Ph.D. Student	SKNAU, Jobner	Conservation Agriculture: Cultivating Sustainability for Future Generations	Physical Mode
5PP-2	Atish Verma	YP-1	ICAR- IIWBR, Karnal	Exploring Advancements and Challenges in Organic Farming	Physical Mode
5PP-3	Priya Rani	YP-II	ICAR- IIWBR, Karnal	Dissemination of information about wheat and barley crops on social media under the aegis of Agricultural Knowledge Management Unit (AKMU)	Physical Mode
5PP-4	Shiv Ram Samota	YP-II	ICAR- IIWBR, Karnal	Optimizing wheat yield through precision fertilizers application: A soil test-based approach for targeted results	Physical Mode
5PP-5	Nitesh Kumar	SRF	ICAR- IIWBR, Karnal	Optimizing wheat yields in the North Western Plain Zone: A case study on farmer's fertilizer practices for high productivity	Physical Mode
5PP-6	Koushal Kishor Bijarnia	Research Scholar	ICAR- IIWBR, Karnal	Analyzing the Influence of Urea and Nano Urea Applications on wheat: Revealing Growth, Yield Characteristics, and Crop Output	Physical Mode
5PP-7	Mangal Sukhi Meena	Ph.D Scholar	MPUAT, Udaipur	Sustainable Integrated Farming for Climate-Resilient Cereal Production	Physical Mode
5PP-8	Nilesh	Assistant Professor	ARI, Pune, Niphad	Selection of Bread Wheat Genotypes under Variable Environmental Conditions Based on Stability Analysis	Physical Mode
5PP-9	Praveen Kumar	Ph.D. Scholar	SVPUA&T, Meerut	Strategies for Mitigating Climate Change and Promoting Agricultural Sustainability through Integrated Soil Fertility Management	Physical Mode
5PP-10	Krashankant Sharma	Ph.D. Scholar	SVPUA&T, Meerut	INM Practices as a Strategy for Mitigating Climate Change, Sustainable Crop Nutrient Management, and Resource Conservation	Physical Mode
5PP-11	Shambhunath Ghosh	PhD Student	ICAR-IIWBR (LARI KARNAL HUB)	Regenerative Agriculture: A Strategy for Mitigating Climate Change in Cereal Production System	Physical Mode
5PP-12	Monika Singh	Researcher	ICAR-IARI, New Delhi	A Comparative Study on Applying Machine Learning Techniques for Seed Classification	Physical Mode
5PP-13	Vikramjeet Singh	Research scholar	CCSHAU, Hisar	Wheat yield and economics as influenced by Phalaris minor infestation under different tillage and residue management practices	Physical Mode
5PP-14	Survi	Student	ICAR- IIWBR, Karnal	Net Zero Emissions In Indian Agriculture its Possibilities And Scope	Physical Mode
5PP-15	Vikas Patidar	M.Sc student	ICAR- IIWBR, Karnal	Regenerative Agriculture: A Key Player in Sustainable Crop Production and Climate Resilience	Physical Mode
5PP-16	Kapil Malik	SRF	ICAR-CSSRI, Karnal	Optimizing Wheat Varietal Performance through Residue Retention and Different Tillage Techniques	Physical Mode
5PP-17	Kumar D Ramani	Principal scientist (Agronomy)	UAS, Dharwad	System of Wheat Intensification through Seed Priming and Spacing Optimization	Virtual Mode
5PP-18	Manoj Kumar N	Student	LARI(IIWBR), KARNAL HUB	Impact of Climate Change and Importance of Carbon Sequestration and Stabilization in Mitigation of Climate Change	Virtual Mode
5PP-19	Reema	Student	SKNAU, JOBNER	Sustainable Resource Management Conservation Agriculture – INM" Influence of hydrogel application and zinc fertilization on nutrient content and uptake of pearl millet	Virtual Mode
5PP-20	Vijendra Baviskar	Scientist C	ARI, Pune, Niphad	Modelling and Assessment of Superiority of Wheat Varieties Tested under Farmers' Fields through Front Line Demonstrations in Semi-Arid Vertisols of India	Virtual Mode