



PRESENTS

INTERNATIONAL CONFERENCE ON
**RECENT ADVANCES IN
HORTICULTURE RESEARCH**
ICRAHOR 2022

—HYBRID—

8th - 9th August, 2022
Amity University Noida
(New Delhi NCR), India



**LIST OF KEYNOTE, INVITED,
AND ORAL PRESENTATIONS**

VENUE : F1 SEMINAR HALL, AMITY UNIVERSITY, NOIDA

ZOOM LINK WILL BE PROVIDED TO PRESENTER FOR ONLINE PRESENTATION

S. No.	Session	Presenter	Title	Abstract No.
1	Session 2: Smart packaging for Augmenting Shelf-life	<i>Prof (Dr.) Asgar Ali</i>	RECENT TRENDS IN MODERN POSTHARVEST TECHNOLOGIES TO REDUCE POSTHARVEST LOSSES IN HORTICULTURAL PRODUCE	Keynote 2.1
2	Session 2: Smart packaging for Augmenting Shelf-life	<i>Dr. S. Shahir and Dr. G. Jeevarathinam</i>	PACKAGING OF HORTICULTURAL PRODUCE: PRESENT TREND TO PAST	Keynote 2.2
3	Session 2: Smart packaging for	<i>Dr. Jagamohan Meher</i>	NEW MECHANISM FOR SMART PACKAGING TECHNIQUES	I 2.1

	Augmenting Shelf-life			
4	Session 2: Smart packaging for Augmenting Shelf-life	<i>Mr Sayed Samiullah Hakimi, Dr. Ravinder Raina, Dr. Yashpal Singh Saharawat</i>	SENSORY ASSESSMENT OF TOMATO FRUITS VAR. PEARSON AFFECTED BY MATURITY STAGES AND POSTHARVEST TREATMENTS UNDER AMBIENT CONDITION	O 2.1
5	Session 2: Smart packaging for Augmenting Shelf-life	<i>Ms Srishti Chitranshi, Dr. Anamika Verma, Dr. Raj Arghari Pradyumna</i>	EFFECT OF SHORT-TERM STORAGE OF <i>BETA VULGARIS</i> (SPINACH BEET) IN ZERO ENERGY COOL CHAMBER IN COMBINATION WITH DIFFERENT PACKAGING	O 2.2
6	Session 3: Crop improvement leveraging molecular approaches	<i>Dr. Rajeev Varshney</i>	TOWARDS DEVELOPING ADVANCED GENOMICS PLATFORM FOR HORTICULTURAL CROPS IN AUSTRALIA	Keynote 3.1
7	Session 3: Crop improvement leveraging molecular approaches	<i>Dr. Achuit Kumar Singh, Ram Krishna, Suhas Gorakhnath Karkute, Sudhir Kumar</i>	GENOME EDITING IN VEGETABLE CROPS USING CRISPR-CAS9 TECHNIQUE FOR VIRUS RESISTANCE	Keynote 3.2
8	Session 3: Crop improvement leveraging molecular approaches	<i>Dr. Jim Correll</i>	SPINACH: AN INCREASINGLY POPULAR VEGETABLE CROP WITH MANY PRODUCTION CHALLENGES	Keynote 3.3
9	Session 3: Crop improvement leveraging molecular approaches	<i>Dr. Naceur Djebali., Mounel Chaouachi, Takwa Marzouk, Ayushi Sharma, Nutan Kaushik</i>	USEFULNESS OF BACTERIAL VOLATILE ORGANIC COMPOUNDS FOR THE MANAGEMENT OF POSTHARVEST DISEASES OF TOMATO	I 3.1
10	Session 3: Crop improvement leveraging molecular approaches	<i>Sandeep Kumar, Yashi Bajpai, Anshuman Singh, Anju Bajpai, MalaTrivedi, M Muthukumar</i>	GENOME-WIDE PARENTAL POLYMORPHISM SURVEY AND ITS VALIDATION FOR CHARACTERIZATION OF LALIT X PURPLE GUAVA MAPPING POPULATION	O 3.1
11	Session 3: Crop improvement leveraging molecular approaches	<i>Yashi Bajpai, Prakhar Sengar, Sandeep Kumar, M Muthukumar, Mala Trivedi, Anju Bajpai</i>	FLORAL MORPHOGENESIS AND ASSESSMENT PATTERNS OF QUANTITATIVE GENE EXPRESSION IN MANGO (<i>MANGIFERA INDICA</i> L.)	O 3.2

12	Session 4: Valorization of Horticulture Bio-waste	<i>Dr. Azucena González-Coloma, Alberto Galisteo, Daniel Fernández, Jose Quilez, Alejandro F. Barrero, Fernando Echeverri, Fernando Torres, Inmaculada García Romera, Gloria Andrea Silva- Castro, Carmen E. Díaz, M. Fe Andres</i>	AGRO-FORESTAL WASTE: A NEW SOURCE OF BIOPESTICIDES	Keynote 4.1
13	Session 4: Valorization of Horticulture Bio-waste	<i>Dr. Shalini Gaur Rudra</i>	VALORIZATION OF FOOD INDUSTRY WASTE: NEW PARADIGM	Keynote 4.2
14	Session 4: Valorization of Horticulture Bio-waste	<i>Dr. R. C. Pradhan</i>	TECHNOLOGY FOR EXTRACTION OF VALUE-ADDED COMPOUNDS FROM FRUIT AND VEGETABLE BY-PRODUCTS	I 4.1
15	Session 4: Valorization of Horticulture Bio-waste	<i>Dr. Perminder Jit Kaur</i>	PROSPECTIVES FOR CIRCULAR BIOECONOMY IN CONTEXT OF HORTICULTURE WASTE VALORIZATION	I 4.2
16	Session 4: Valorization of Horticulture Bio-waste	<i>Dr. Jitendra Mishra and Naveen Kumar Arora</i>	USING AGRICULTURAL WASTES AS A CARRIER MATERIAL FOR BIOINOCULANTS DEVELOPMENT	I 4.3
17	Session 4: Valorization of Horticulture Bio-waste	<i>Jitendra D. Salunkhe, Dr. Satish V. Patil</i>	NOVEL APPLICATIONS OF <i>PARAMECIUM SP.</i> FOR CITRUS FRUIT WASTE SOLID- STATE FERMENTATION: A GREEN APPROACH FOR NARINGINASE PRODUCTION	O 4.1
18	Session 4: Valorization of Horticulture Bio-waste	<i>Ms Pallavi Bhardwaj, Usha Mina, Abhishek Chauhan, Ashutosh Tripathi</i>	IDENTIFYING PLANT GROWTH PROMOTING MICROBES FROM URBAN WASTE COMPOST - A CASE STUDY OF DELHI	O 4.2
19	Session 5: Hi- tech Horticulture: Technology trends in focus	<i>Dr. Sangita Ladha</i>	CASE STUDY OF REMOTE SENSING-BASED IRRIGATION SCHEDULING	Keynote 5.1

20	Session 5: Hi-tech Horticulture: Technology trends in focus	<i>Dr. P. Soman</i>	PRECISION FARMING IN HORTICULTURE	Keynote 5.2
21	Session 5: Hi-tech Horticulture: Technology trends in focus	<i>Dr. Sushmita Shukla</i>	QUALITATIVE ANALYSIS OF BIOACTIVE COMPOUNDS OF <i>CITRUS MACROPTERA</i> AND ITS ANTIMICROBIAL ACTIVITY	I 5.1
22	Session 5: Hi-tech Horticulture: Technology trends in focus	<i>Shilpa, Y R Shukla, Priyanka Bijalwan, Kuldeep Singh Thakur, Sandeep Kansal</i>	INTEGRATION OF RAISED BEDS, MULCHING AND STEM TRAINING FOR WEED MANAGEMENT IN TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) UNDER MID-HILL CONDITIONS OF HIMACHAL PRADESH	O 5.1
23	Session 5: Hi-tech Horticulture: Technology trends in focus	<i>Rakesh Kumar, Dr.R. S. Antil, Mukesh Kumar</i>	STANDARDIZATION OF PLANTING DATES AND VARIETIES OF STRAWBERRY AND THEIR EFFECT ON GROWTH, YIELD AND QUALITY IN TERRACE GARDENING	O 5.2
24	Session 6: Advances in Supply-Chain Management	<i>Dr. Pierluigi Caboni</i>	METABOLOMICS AND LIPIDOMICS TECHNOLOGIES AND THEIR APPLICATIONS IN HORTICULTURE	Keynote 6.1
25	Session 6: Advances in Supply-Chain Management	<i>Dr. Sunil Pareek</i>	DISRUPTIVE TECHNOLOGIES IN HORTI-AGRI-FOOD SUPPLY CHAIN MANAGEMENT	Keynote 6.2
26	Session 6: Advances in Supply-Chain Management	<i>Mr. Ravindra Dolare</i>	NEED OF SMART TECHNOLOGY IN COLD ENABLED SUPPLY CHAIN FOR PERISHABLED	I 6.1
27	Session 6: Advances in Supply-Chain Management	<i>Afshana Bano, Dr. Shijaatt Hussain Bhat, Sheikh Salma Irshad, Jasima Ali, Farhat Nabi</i>	SUPPLY - CHAIN MANAGEMENT IN HORTICULTURE: ADVANCES AND CHALLENGES	O 6.1
28	Session 6: Advances in Supply-Chain Management	<i>Vikash, Satyveer Singh Meena</i>	AGRO-TEXTILE MARKET, SIGNIFICANCE OF THEIR PRODUCTS IN HORTICULTURE AND FUTURE PROSPECTIVE IN INDIA	O 6.2
29	Session 6: Advances in Supply-Chain Management	<i>Mr. Kedi Peseyie</i>	SCENARIO OF DRAGON FRUIT IN INDIA; STORAGE AND TRANSPORTATION	O 6.3
30	Session 7: Climate Smart Horticulture	<i>Dr. Ing. Kirsten Leiss</i>	NEW TECHNOLOGY FOR PEST AND DISEASE DETECTION IN INDOOR HORTICULTURE	Keynote 7.1

31	Session 7: Climate Smart Horticulture	<i>Krishnan Prabhu Sankar, Selvi. R, Dharmaraj K, Balasaravanan R, Ashok Kumar M, Geetha. P</i>	AEROPONICS POWERED COMPACT FARMING-AN INDIAN WAY	Keynote 7.2
32	Session 7: Climate Smart Horticulture	<i>Dr. Md. Saleh Ahmed and Mia Abdur Rashid</i>	FARMERS CAPACITY BUILDING ON CLIMATE SMART AGRICULTURE PRACTICES IN BANGLADESH	I 7.1
33	Session 7: Climate Smart Horticulture	<i>Mr. Prateek Tiwari</i>	BENEFITS OF CONVERTING ROOFTOPS INTO ORGANIC FARMS	I 7.2
34	Session 7: Climate Smart Horticulture	<i>Aydi-Ben Abdallah Rania, Elbaz Mounira, Jabnoun- Khiareddine Hayfa, Dr. Daami-Remadi Mejda</i>	MICROBIAL RHIZOSPHERE MICROBIOME ASSOCIATED WITH TOMATO ENTRIES	O 7.1
35	Session 7: Climate Smart Horticulture	<i>Ayushi Sharma, Dr. Nutan Kaushik, Dr. Naceur Djébali, Takwa Marzouk</i>	ANTI-FUNGAL VOLATILE ORGANIC COMPOUNDS PRODUCED BY ENDOPHYTIC BACTERIA <i>BACILLUS SIAMENSIS</i> HAS POTENTIAL TO CONTROL POST HARVEST DISEASE OF FRUITS CAUSED BY <i>BOTRYTIS CINEREA</i>	O 7.2
36	Session 7: Climate Smart Horticulture	<i>Khanna P., Dr. Upadhyay R.</i>	PARADIGM SHIFT IN CLIMATE- SMART HORTICULTURE: A REVIEW	O 7.3