



**International Conference on
ADVANCES IN AGRICULTURE AND FOOD SYSTEM TOWARDS
SUSTAINABLE DEVELOPMENT GOALS (AAFS 2022)**

**University of Agricultural Sciences, Bangalore
All India Agricultural Students Association (AIASA), New Delhi
Indian Council of Agricultural Research, New Delhi
22-24th August, 2022**

Venue : UAS, GKVK, Bangalore, India

Mode : Hybrid

PROGRAMME

Day – 1: 22nd August 2022, Monday	
08:30-09:45	Breakfast with High Tea
10:00-12:45	Inauguration, Felicitation and Awards Ceremony
12:45-13:00	Photo Session
13:00-14:00	Lunch Break
14:00-15:45 (Main Hall)	Technical Session I : <i>Sustainable Transformation of Agriculture & Food Production System in Alleviating Poverty</i>
	Session link : https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1MdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman : Dr. A. K. Singh, DDG Extension, ICAR, New Delhi (P)
	Conveners : 1. Dr. K.B. Umesh, Director of Research, UAS, Bangalore 2. Ms. Preeti Sagar Negi, Deputy Chairperson (Hq.) National Agri-Business Innovation and Incubation Cell, AIASA, New Delhi (P)
	Rapporteurs : 1. Dr. C.T. Subbarayappa, Prof. & Head, Dept. of Soil Science & Agril. Chemistry, UAS, Bangalore 2. Dr. B.S. Lalitha, Professor, Dept. of Agronomy, UAS, Bangalore
	Keynote Speaker : <i>APEDA's Role and Initiatives to promote exports</i> Shri. R. Ravindra, Regional Head, APEDA, Bengaluru (P)
	Panellists / Lead Speakers:
	1. Dr. B.M. Prasanna, Director, CIMMYT Global Maize Program and CGIAR Research (V)
	2. Dr Manoj Rajan IFS, Commissioner and Director, Karnataka State Natural Disaster Management (P)
	3. Dr. C. Viswanathan, Joint Director Research (Acting), IARI, New Delhi (V)
4. Dr. Raju Bheemanahalli Rangappa, Assistant Research Professor, Agronomy-Plant Stress Physiology, Dept. of Plant and Soil Science, Mississippi State University, USA (V)	

	General Discussion & Concluding Remarks by the Chairman	
15:45-16:00	Tea break	
16:00-18:00 (Main Hall)	Technical Session II	: <i>Technological Innovations in High-Tech Horticulture, Precision Farming and Agri Start-up</i>
	Session Link:	: https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1MdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	: Dr. Debi Sharma, Director, ICAR-IIHR, Bengaluru (P)
	Conveners	: 1. Dr. N.B. Prakash, Dean (Agri), CoA, GKVK, UAS, Bangalore 2. Ms. Munmun Joshi, Senior Vice President, AIASA, New Delhi (P)
	Rapporteurs	: 1. Dr. R. Vasantha Kumari, Professor, Dept. of Horticulture, UAS, Bangalore 2. Dr. K.N. Srinivasappa, Professor, Dept. of Horticulture, UAS, Bangalore
	Keynote Speaker	: Dr. B.N.S. Murthy Former Horticulture Commissioner, Department of Agriculture & Farmers Welfare, GoI Former Director, ICAR- IIHR, Bengaluru (P)
	Panellists / Lead Speakers:	
	1. Dr. Santosh Pitla, Associate Professor, Biological Systems Engineering, University of Nebraska–Lincoln (V)	
	2. Dr. Vinod Kumar Tripathi, Assistant Professor, Department of Agricultural Engineering, BHU, Varanasi (V)	
	3. Ms. Sangeeta Bojappa Moorthy, Chief Farmress & Founder Farmington.in, Karnataka (V)	
	General Discussion & Concluding Remarks by the Chairman	
16:00-18:00	PARALLEL SESSION	
	Technical Session III	: <i>Advances in Aquaculture Research towards Food and Nutritional Security</i>
	Chairman	: Dr. Joykrushna Jena, Deputy Director General (Fisheries Science), ICAR, New Delhi (V)
	Session Link	: https://us02web.zoom.us/j/5600655050?pwd=Y2FvWkx4ZnFIVWVPRDhESThkTmV4dz09 Meeting ID: 560 065 5050 Passcode: 22121
	Co-Chairman	: Dr. Ravishankar C.N., Director and Vice Chancellor, ICAR-CIFE, Mumbai
	Conveners	: 1. Dr. O.R. Nataraju, Professor & Head, Inland Fisheries Unit, MRS, Hebbal. 2. Mr. D. R. K. Saikanth, Chairman, National Agro-Technocrat Cell, AIASA (V)

	Rapporteurs	:	1. Dr. Rajanna, K.B., Associate Professor (Fisheries), Fisheries Research & Information Centre, KVAFSU, Hebbal. 2. Dr. Venkatappa, Asst. Professors (Fisheries), Inland Fisheries Unit, MRS, Hebbal.
	Keynote Speaker	:	<i>Food and Nutritional security: Sustainable Aquaculture and Fisheries management</i> Dr. Binay Kumar Chakraborty, Project Director at Department of Fisheries, Bangladesh Agricultural University, Bangladesh (P)
	Panellists / Lead Speakers:		
	1. Dr. K. Riji John, Hon'ble Vice-Chancellor, Kerala University of Fisheries and Ocean Studies, Kochi (V)		
	2. Dr. Ravishankar C.N., Director and Vice Chancellor, ICAR-CIFE, Mumbai (P)		
	3. Dr. K.R. Salin, Associate Professor and Program Chair, Aquaculture and Aquatic Resources Management (AARM) School of Environment, Resources and Development (SERD), Asian Institute of Technology (AIT), Thailand (V)		
	4. Dr. Ratan Saha, Dean, College of Fisheries, CAU, Imphal (V)		
	5. Mr. Erick Nunda, Technical Advisor and Certified Knowledge Manager for Sustainable Development, YPARD DRC (V)		
	General Discussion & Concluding Remarks by the Chairman		
20:00 – 21.30	Dinner		
Day – 2 : 23rd August 2022, Tuesday			
09:30-11:15	Technical Session IV	:	<i>Climate Change Resilient Agriculture</i>
	Session Link	:	https://us02web.zoom.us/j/5600651234?pwd=eXFkWWlMdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	:	Dr. Y. S. Shivay, Principal Scientist, Division of Agronomy, ICAR-IARI, New Delhi (P)
	Conveners	:	1. Dr. M. N. Thimme Gowda, Prof. & Head, Dept. of Agrometeorology, UAS, Bangalore 2. Dr. R Vinoth, National Spokesperson, AIASA (P)
	Rapporteurs	:	1. Dr. Jayaramaiah, R., Professor & Controller of Examinations, University Examination Centre, UAS, Bangalore. 2. Dr. M. H. Manjunatha, Jr. Agronomist, Dept. of Agrometeorology, UAS, Bangalore
	Keynote Speaker	:	<i>Transforming Cropping Systems to Improve Ecosystem Services and Climate Resiliency</i> Dr. Sangu Angadi, Professor, Agricultural Science Centre, Clovis, New Mexico State University, USA (P)
	Panellists / Lead Speakers:		
	1. Dr. Pradip Goel, Senior Scientist, Ontario Ministry of Environment, Mississauga, Ontario, Canada (V)		
	2. Dr. Kulvinder Gill, Dept. of Crop and Soil Sciences, Washington State University (V)		

	3. Dr. Amitava Rakshit, Soil Science and Agricultural Chemistry, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi (P)	
	4. Dr. Ashish Shukla, Modeller - Domestic Building Energy System, Energy System Catapult, Birmingham, UK (V)	
	General Discussion & Concluding Remarks by the Chairman	
11:15-11:30	Tea break	
11:30-13:00	Technical Session V	: <i>Post-Harvest Technology: Agri-Value & Supply Chain for Sustainable Production</i>
	Session Link	: https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1MdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	: Dr. K.S. Mahesh, General Manager, Karnataka Regional Office, NABARD (P)
	Conveners	: 1. Dr. C.T. Ramachandra, Prof. & Head, Dept. of Processing & Food Engineering, UAS, Bangalore 2. Mr. Vivek Saurabh, National President, AIASA, New Delhi (P)
	Rapporteurs	: 1. Er. Manjunatha, M., Res. Engineer, PHET, UAS, Bangalore 2. Er. Babu R M Ray, Asst. Professor, CoAE, UAS, Bangalore
	Keynote Speaker	: <i>Advances in Ethylene Management to Minimise Postharvest Losses in Horticultural Supply Chain to Ensure Food and Nutritional Security</i> Dr. Zora Singh, Foundation Professor Horticultural Science, School of Science, Edith Cowan University, Australia (V)
	Panellists / Lead Speakers:	
	1. Dr. Lisa Kitinoja, Chairman, The Postharvest Education Foundation, USA (V)	
	2. Dr. Ramesh Mittal, Director, NIAM, Jaipur (P)	
	3. Dr. Soottawat Benjakul, Professor, Dept. of Food Technology, Faculty of Agro-Industry, Prince of Songkla University, Hat Yai, Songkhla, Thailand (V)	
4. Ms. Jyotsana, Founder, Lucknow Farmers Market (V)		
5. Dr Ram Asrey, Principal Scientist & Professor, Division of Food Science & Postharvest Technology, IARI, New Delhi (P)		
General Discussion & Concluding Remarks by the Chairman		
13:00-14:00	Lunch break	
14:00-15:45	Technical Session VI	: <i>Advances in Dairy and Veterinary Sector Towards Sustainable Development Goals</i>
	Session Link	: https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1MdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	: Dr. R. N. Srinivas Gowda, Former Hon'ble Vice-Chancellor, Karnataka Veterinary, Animal and Fisheries Sciences University (KVAFSU), Bidar (P)

	Conveners	:	1. Dr. Vasundra Devi, Professor & Head, Dept. of Animal Science, UAS, Bangalore 2. Mr. Neeraj Dixit, Ph.D. Scholar (Dairy Science), SHUATS, Allahabad (P)
	Rapporteurs	:	1. Dr. Anand Manegar, Asst. Professor, Dept. of Animal Science, UAS, Bangalore 2. Dr. Suresh, K.B., Asst. Professor of Dairy Technology, PHET, UAS, Bangalore
	Keynote Speaker	:	Dr. K. C. Veereanna, Hon'ble Vice-Chancellor, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar (P)
	Panellists / Lead Speakers:		
	1. Dr. Rameshwar Singh, Hon'ble Vice-Chancellor, BASU, Patna, Bihar (V)		
	2. Prof. A.K. Datta, Professor Emeritus, IIT Kharagpur (V)		
	3. Shri. Sanjeev Kumar, Managing Trustee, The Goat Trust, Uttar Pradesh (V)		
	General Discussion & Concluding Remarks by the Chairman		
15:45-16:00	Tea break		
16:00-17:45	Technical Session VII	:	<i>Role of Agrochemicals, Biological and Technological Interventions Towards Safe Food and Nutritional Security</i>
	Session Link	:	https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1MdktoTU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	:	Dr. P. K. Ghosh, Director, NIBSM, Raipur (V)
	Co-Chairman	:	Dr. Hemalatha R., Director, NIN, Hyderabad (V)
	Conveners	:	1. Dr. M. K. Prasanna Kumar, Professor, Dept. of Plant Pathology, UAS, Bangalore 2. Mr. Rakesh Kumar, Delhi President, AIASA (P)
	Rapporteurs	:	1. Dr. A. Satish, Professor, Dept. of Soil Science & Agril. Chemistry, UAS, Bangalore 2. Dr. B. Shivanna, Professor, Dept. of Agril. Entomology, UAS, Bangalore
	Keynote Speaker	:	<i>Role of Biologicals in Food and Nutritional Security</i> Dr. H.B. Singh, Professor, Dept. of Plant Pathology, Institute of Agricultural Sciences, BHU (P)
	Panellists / Lead Speakers:		
	1. Dr. Debi Sharma, Director, ICAR-IIHR, Bengaluru (V)		
	2. Dr. Y. S. Shivay, Principal Scientist, Division of Agronomy, ICAR-IARI, New Delhi (P)		
	3. Mr. Prabhakar Rao, Managing Director, Foragen Seeds Pvt. Ltd., Hyderabad (V)		
	4. Dr. Kaushik Banerjee, Principal Scientist, ICAR-NRCG, Pune (V)		
	5. Mr. Yogendra Kumar, Marketing Director, IFFCO, Bangalore (P)		
	General Discussion & Concluding Remarks by the Chairman		

18:00-20:00	Cultural Program	
20:00-21:30	Dinner	
Day – 3 : 24th August 2022, Tuesday		
09:30-11:15	Technical Session VIII	: <i>Global and Regional Policy Transformation</i>
	Session Link	: https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1Mdkt0TU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	: Dr. R. B. Singh, Padmabhushan Awardee, Former Chancellor, CAU, Imphal (V)
	Conveners	: 1. Dr. M.R. Girish, Professor, Dept. of Agril. Marketing & Co-Op, UAS, Bangalore 2. Ms. Nidhi Chaturvedi, National Treasurer, AIASA, New Delhi (P)
	Rapporteurs	: 1. Dr. G.M. Gaddi, Professor, Dept. of Agril. Economics, UAS, Bangalore 2. Dr. Mahin Sharif, Asst. Professor, Dept. of Agril. Economics, UAS, Bangalore
	Keynote Speaker	: <i>Evolution of India's Food System Since Independence</i> Dr. Ashok Dalwai, CEO National Rainfed Area Authority, New Delhi (P)
	Panellists / Lead Speakers:	
	1. Ms. Sithembile Ndema Mwamakamba, Director - Policy Research and Analysis, Food Agriculture and Natural Resources Policy Analysis Network (FANRPAN), South Africa (V)	
	2. Dr. Dilip Kumar, Former Director, CIFE, Kolkata (P)	
	3. Dr. Sahadeva Singh, Chief Policy Advisor, AIASA (P)	
General Discussion & Concluding Remarks by the Chairman		
11:15-11:30	Tea Break	
11:30-13:30	Technical Session IX	: <i>Role of New Education Policy on International Perspective</i>
	Session Link	: https://us02web.zoom.us/j/5600651234?pwd=eXFkWW1Mdkt0TU9ZajlLSVFES1dEZz09 Meeting ID: 560 065 1234 Passcode: 22121
	Chairman	: Dr. R.C. Agarwal, DDG (Agricultural Education), ICAR, New Delhi (V)
	Conveners	: 1. Dr. K.S. Jagadish, Prof. & Head, Dept. of Apiculture, UAS, Bangalore 2. Mr. Hem Prakash Verma, State President, AIASA, Chhattisgarh (P)
	Rapporteurs	: 1. Technical Officer, Dean (PGS), UAS, Bangalore 2. Technical Officer, Dean (Agri.), CoA, GKVK, UAS, Bangalore

Keynote Speaker	:	<i>NEP in Synch with Agricultural Education</i> Dr. S. Rajendra Prasad, Hon'ble Vice-Chancellor, UAS, Bangalore (P)
Panellists / Lead Speakers:		
1. Dr. (Mrs.) Pankaj Mittal, Secretary, Association of Indian University, New Delhi (V)		
2. Dr. Tej Pratap, Former Hon'ble Vice-Chancellor, GBPUAT, Uttarakand (P)		
3. Dr. D.K. Singh, Principal Scientist & Professor of Discipline of Agricultural Engineering, IARI, New Delhi (P)		
4. Dr. Mohammad Farooq Baqual, Associate Dean, College of Temperate Sericulture, Mirgund, Pattan, Kashmir (P)		
5. Mr. Vivek Saurabh, National President, AIASA (P)		
6. Dr. Sandeep Kumar, Founder President, AIASA & Assistant Professor, OUAT, Bhubaneswar, Orissa (P)		
General Discussion & Concluding Remarks by the Chairman		

Note: (P) - Physical; (V) - Virtual

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