

INTERNATIONAL CONFERENCE
Sustainability of Smallholder Agriculture in Developing Countries
under Changing Climatic Scenario
14-17 February 2018, Kanpur

REGISTRATION

Registration	:	Venue : Cafeteria Building
11:00 – 17:00	:	13 February 2018
15:00 – 17:30	:	14 February 2018
10:30 – 17:30	:	15 February 2018
10:30 – 13:00	:	16 February 2018

TECHNICAL PROGRAMME (AGRICON 2018)

FEBRUARY 14, 2018 [Forenoon Inaugural Session] : DAY 1

11:00-12:00	INAUGURAL SESSION VENUE : Kailash Bhawan			
11:00 – 12:00	:	Inaugural function	:	Chief Guest Hon'ble President of India
12:00 – 12:15	:	TEA	:	

FEBRUARY 14, 2018 [Forenoon Session] : DAY 1

12:15-15:00	Technical Session I [KEYNOTE ADDRESS] VENUE : Kailash Bhawan			
	<i>Chairman</i>	:	<i>Prof. Kitti Choonhawong, President, Thailand Society of Sugar Cane Technologists (TSSCT), Kasetsart University, Bangkok, Thailand</i>	
	<i>Co-Chairman</i>	:	<i>Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda</i>	
	<i>Convener</i>	:	<i>Dr. A.D. Pathak, Director, ICAR-IISR, Lucknow</i>	
12:15 – 13:15	:	Climate change management and sustenance of smallholder farmers in developing countries	:	Dr. Mangla Rai , Former Secretary DARE and DG, ICAR, New Delhi

FEBRUARY 14, 2018 [Forenoon Session] : DAY 1

13:00-15:00	Technical Session II [PLENARY LECTURE] VENUE : Kailash Bhawan			
	<i>Chairman</i>	:	<i>Dr. A.K. Singh, DDG (Agril. Extn.), ICAR, New Delhi</i>	
	<i>Co-Chairman</i>	:	<i>Dr. A.N. Tewari, Former Dean (Ag.), CSAUAT, Kanpur</i>	
	<i>Convener</i>	:	<i>Dr. Shivadhar, PS, ICAR-IARI, New Delhi</i>	
13:00 – 13:30	:	Livelihood security and income enhancement of smallholders through livestock rearing/ breed improvement	:	Dr. S.L. Goswami , Vice Chancellor, Banda University of Agriculture and Technology, Banda, India
13:30 – 14:00	:	Innovative Approaches for Enhancing Income of Small Farm Holders	:	Dr. JP Sharma , Joint Director (Agril. Extn.), IARI, New Delhi
14:00 – 15:00	:	LUNCH	:	

15:00 – 18:00	Technical Session III [Sugarcane Research-Sugar Industry Interface]	
	VENUE : : Kailash Bhawan	
	<i>Chairman</i>	: <i>Dr. Narendra Mohan, Director, NSI, Kanpur</i>
	<i>Co-Chairman</i>	: <i>Dr. S.K. Shukla, PC, IISR, Lucknow</i>
	<i>Convener</i>	: <i>Dr. Seema, Paroha, Professor, NSI, Kanpur</i> <i>Dr. Priyanka Singh, Scientist, UPCSR, Shahajahanpur</i>
	<i>Rapporteur</i>	: <i>Mr. A.A. Beig, Unit Head, Dalmia Chini Mills, Jawaharpur</i>
LEAD LECTURES		
15:00 – 15:20	: Sugarcane Agriculture in Thailand: Problems and Government Initiatives to address the smallholders issues	: Prof. Kitti Choonhawong President, Thailand Society of Sugar Cane Technologists (TSSCT), Kasetsart University, Bangkok, Thailand
15:20 – 15:40	: Sustainability of sugar factories	: Dr. Swain , Professor, Sugar Engineering, National Sugar Institute, Kanpur
15:40 – 16:00	: Diversification in sugar factories	: Mr. A.K. Malik , Technical Advisor, Haryana Sate Federation of Cooperative Sugar Mills Ltd.
16:00 – 16:20	: Empowering small holders through sustainable agricultural practices	: Mr. R.L. Tamak , Unit head, dscl
16:20 – 16:30	TEA BREAK	
16:30 – 16:45	: BCM-Bio-Potash – A boon to Farmers and - Alcohol Industry	: Dr. A. Krishna , Director, Balrampur Chini Mills Ltd, Balrampur
16:45 – 17:00	: Sustainability of smallholder sugarcane growers under changing climatic scenario	: Dr. S.K. Shukla , PC (Sugarcane), ICAR-Indian Institute of Sugarcane Research, Lucknow
17:00 – 18:00	ORAL PRESENTATIONS	
17:00 – 17:10	: Potentiality of sugarcane sector to double farmers' income	: Dr. A.K. Sah , PS, ICAR-Indian Institute of Sugarcane Research, Lucknow
17:10 – 17:20	: Plant quarantine regulations in sugarcane	: Dr. S.N. Sushil , PS, ICAR-Indian Institute of Sugarcane Research, Lucknow
17:20 – 17:30	: Forecasting of sugar price volatility in world: An application of econometric models	: Dr. Rajesh Kumar , PS, ICAR- Indian Institute of Sugarcane Research, Lucknow
17:30 – 17:40	: Sugarcane processing for making nutritive sweetener for combating malnutrition, improving income and employment generation	: Dr. S.I. Anwar , ICAR-Indian Institute of Sugarcane Research, Lucknow
17:40 – 17:50	: Biological control <i>Colletotrichum falcatum</i> causing red rot of sugarcane by <i>Trichoderma</i> sp.	: Dr. Deeksha Joshi , ICAR-Indian Institute of Sugarcane Research, Lucknow
17:50 – 18:00	: Impact of temperature and humidity on sugar recovery in Uttar Pradesh	: Dr. S.K. Pathak , PS, Uttar Pradesh Council of Sugarcane Research, Shahjahanpur
19:00 - 20:00	CULTURAL PROGRAMME	
20:00 – 21:00	GALA DINNER	

PARALLEL SESSION - 1

16:00-18:00	<p style="text-align: center;">PANEL DISCUSSION <i>Road map for Sustainability of Agriculture in Developing Countries</i> VENUE : VC Committee Room</p>
	<p><i>Chairman</i> : <i>Dr. Mangla Rai, Former Secretary DARE and DG, ICAR, New Delhi</i> <i>Co-Chairman</i> : <i>Mr. K.A.F. Karunasena, Secretary, Ministry of Plantation Industries of Sri Lanka</i> <i>Convener</i> : <i>Dr. Sanjeev Gupta, PC, MULLaRP, ICAR-IIPR, Kanpur</i> <i>Rapporteur</i> : <i>Dr. S.K. Dubey, PS, ICAR-ATARI, Kanpur</i> : <i>Dr. A.K. Sah, PS, ICAR-IISR, Lucknow</i></p>
16:00 – 18:00	<p>Panelists for Panel Discussion Dr. M.P. Pandey, Former VC (IGKV, Raipur & BAU, Ranchi) Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda Dr. Sushil Solomon, Vice Chancellor, CSAUAT, Kanpur Dr. Parvinder Kaushal, Vice Chancellor, BAU, Ranchi Prof. Kitti Choonhawong, Bangkok, Thailand Dr. A.K. Singh, DDG (Agril. Extn.), ICAR, New Delhi Dr. Ashutosh Sarkar, Coordinator, South Asia & China Programme, ICARDA Dr. Shankar Lal, Former Director, ICAR-IIPR, Kanpur Dr. Masood Ali, Former Director, ICAR-IIPR, Kanpur Dr. Rajeev Varshney, Global Theme Leader-Genetic Gains, ICRISAT, Patancheru Dr. Ajeet Singh Nain, NABARD Chair, GBPUAT, Pantnagar Dr. B.B. Singh, Former ADG (O & P), ICAR, New Delhi Dr. P.K. Ghosh, Coordinator, NAEP, ICAR, New Delhi Dr. J.P. Sharma, Joint Director (Agril. Extension), ICAR-IARI, New Delhi Dr. H. Pathak, Director, ICAR-NRRI, Cuttack Dr. A.D. Pathak, Director, ICAR-IISR, Lucknow Dr. K.K. Lal, Director, NBFGR, Lucknow Dr. N.P. Singh, Director, ICAR-IIPR, Kanpur Dr. R.S. Dwivedi, Ex-Director, NRCG, ICAR, Junagadh Dr. N.K. Bajpai, Director Extension, BUAT, Banda</p>
19:00 - 20:00	CULTURAL PROGRAMME
20:00 – 21:00	GALA DINNER

PARALLEL SESSION - 1

09:30-14:00	Technical Session IV [Conservation and Utilization of Genetic Resources]	
	VENUE : Kailash Bhawan	
	<i>Chairman</i>	: <i>Dr. M.P. Pandey, Former-VC (IGKV, Raipur & BAU, Ranchi)</i>
	<i>Co-Chairman</i>	: <i>Dr. N.P. Singh, Director, ICAR-IIPR, Kanpur</i>
	<i>Convener</i>	: <i>Dr. Sanjeev Gupta, PC, MULLaRP, ICAR-IIPR</i>
	<i>Rapporteur</i>	: <i>Dr. Aditya Pratap, PS, ICAR-IIPR, Kanpur</i> <i>Dr. Vijay Kr. Yadav, Prof., CSAUAT, Kanpur</i>
LEAD LECTURES		
09:30 – 09:50	: Indian Gene Bank: Ongoing conservation activities to preserve biodiversity of agril. crops	: Dr. Kuldeep Singh , Director, ICAR-NBPGR, New Delhi
09:50 – 10:10	: Harnessing the genetic potential of pulse crops for ensuring nutritional security of smallholder farmers	: Dr. N.P. Singh , Director, ICAR-IIPR, Kanpur
10:10 – 10:30	: Biofortification for combating hidden hunger and malnutrition in Asia	: Dr. Ashutosh Sarker , Coordinator for South Asia & China Programme, ICARDA, New Delhi
10:30 – 10:50	: Conservation and utilization of genetic resources	: Ram Chet Chaudhary , Chairman PRDF, Gorakhpur (U.P.)
10:50 – 11:10	: Under-utilized subtropical fruits for enhancing profitability and nutritional security of small holders	: Dr. S.K. Shukla , PS, ICAR-Central Institute of Sub-Tropical Horticulture, Lucknow
11:10 – 11:30	: Current status of varietal & hybrid advancement in pigeon pea	: Dr. R.S. Raje , PS, Genetics, ICAR-IARI, New Delhi
11:30 - 11:45	: TEA BREAK	
11:45 - 11:55	: Novel approaches for genetic enhancement for the development of climate-smart germplasm possessing abiotic stress tolerance in wheat and rice	: Dr. Mahesh C. Yadav , Division of Genomic Resources, ICAR-National Bureau of Plant Genetics Resources, Pusa Campus, New Delhi
11:55 – 14:00	ORAL PRESENTATIONS	
11:55 - 12:05	: Mining genes for engineering stress tolerance in crop plants	: Dr. Suja George , Department of Biotechnology, M.S. Swaminathan Research Foundation, Taramani, Chennai
12:05 - 12:15	: Metabolites channeling in medicinal and aromatic plants through path way mechanics	: Dr. Ajeet Kumar Shasany , PS, CIMAP, Lucknow
12:15 - 12:25	: Improving sugar accumulation potential in sugarcane: Variation among progenies from different selection cycles	: Dr. M. Swapna , PS, ICAR-Indian Institute of Sugarcane Research, Lucknow
12:25 - 12:35	: Pre-breeding as the potential tool for crop improvement	: Dr. Vaibhav Kumar Singh , Scientist, Plant Pathology, ICAR-IARI, New Delhi
12:35 - 12:45	: Screening of banana varieties for Sukeli (dried Banana Figs) processing and promotion	: Dr. Vinutha U. Muktamath , ICAR-KVK, Dharwad, Karnataka
12:45 - 12:55	: Genomic assisted characterization of salinity tolerance in wheat germplasm	: Dr. Amit Kumar Singh , Genomic Resources, ICAR-NBPGR, New Delhi
12:55 - 13:05	: Generation of early maturity doubled haploid (DH) maize lines using haploid inducer in the sub-montane Himalayan region	: Dr. R.K. Khulbe , ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora (Uttarakhand)
13:05 - 13:15	: Developing dormancy breaking protocol for cleome species: A pre-requisite for efficient	: Dr. Padmavati G. Gore , ICAR-NBPGR, New Delhi

		utilization of conserved germplasm	
14:00 - 14:45	:	LUNCH	
15:00 – 16:00	:	GENERAL BODY MEETING OF THE SOCIETY (VENUE: Kailash Bhawan)	

VISIT FOR THE INTERESTED DELEGATES HAVE BEEN ARRANGED TO THE FOLLOWING INSTITUTIONS AS PER THE DETAILS GIVEN BELOW

15:00-18:00	Farm visit		
	<i>Chairman</i>	:	<i>Dr. Karam Husain, HOD (Agronomy), CSAUAT, Kanpur</i>
	<i>Co- Chairman</i>	:	<i>Dr. S.K. Biswas, Prof. (PP), CSAUAT, Kanpur</i>
	<i>Convener</i>	:	<i>Dr. Jitendra Singh, ECF Agronomist, CSAUAT, Kanpur</i>
15:00 – 16:15	:	ICAR-Indian Institute of Pulses Research, Kanpur	: Group of participants
16:15 – 17:30	:	National Sugar Institute, Kanpur	: Group of participants
17:30 – 18:30	:	CSAUAT, Kanpur	: Group of participants
20:00 – 21:00	:	DINNER	

CONCURRENT PARALLEL SESSION – 2

09:30-14:00	Technical Session V [Natural Resource Management for Ecological Security] VENUE : VC Committee Room	
	<i>Chairman</i>	: <i>Dr. P.K. Ghosh, ICAR, New Delhi</i>
	<i>Co-Chairman</i>	: <i>Dr. S.S. Singh, Director, ICAR-ATARI, Kolkata</i>
	<i>Convener</i>	: <i>Dr. J.S. Mishra, ICAR-RCER, Patna</i>
	<i>Rapporteur</i>	: <i>Dr. Deepa Bhagat, ICAR-NBAIR, Bangalore</i> <i>Dr. Aditya Dwivedi, PS, ICAR-IISR, Lucknow</i>
LEAD LECTURES		
09:30 – 09:50	: Residue management options for improving soil properties and crop productivity	: Dr. P.K. Ghosh , Ex-Director, IGFRI, Jhansi
09:50 – 10:10	: Water harvesting structure as a strategy in mitigating water crisis in north-eastern region	: Dr. A.K. Tripathi , ICAR-ATARI, Guwahati
10:10 – 10:30	: Sustainable and profitable crop production in cereals systems in India: The role of conservation agriculture	: Dr. T.K. Das , PS, Division of Agronomy, ICAR-IARI, New Delhi
10:30 – 10:50	: Underground Taming of Floods for Irrigation (UTFI): An innovative approach to mitigate water related disaster in Ramganga Basin of U.P.	: Dr. V.K. Mishra , Head, CSSRI, Lucknow
10:50 – 11:10	: Enhancing water and farm productivity through modern technological interventions: A case study of Biwan watershed, Mewat, Haryana	: Dr. A.K. Mishra , PS, WTC, ICAR-IARI, New Delhi
11:10 – 11:30	: Agricultural biomass recycling for composting	: Dr. S.D. Mishra , PS, Agronomy, ICAR-IARI, New Delhi
11:30 - 11:45	: TEA BREAK	
11:45 – 12:00	: Impact analysis of Agricultural Innovations for sustainable farming system	: Dr. R. Roy Burman , PS, Ag. Extension, ICAR-IARI, New Delhi
12.00 - 13.20	: ORAL PRESENTATIONS	
12:00 - 12:10	: Resource integration and intensive agriculture for sustainable production in the homestead farms of southern Kerala, India	: Dr. Sheeba Rebecca Isaac , KAU, Thrissur, Kerala
12:10 - 12:20	: Identification of resistant source in diverse cowpea germplasm against pulse beetle (<i>Callosobruchus maculatus</i>)	: Dr. Kuldeep Tripathi , ICAR-NBPGR, New Delhi
12:20 - 12:30	: Utilization of renewable energy resources in agriculture	: Dr. N.K. Sharma , Assoc. Prof., CAET, Etawah
12:30 - 12:40	: Application of Vit-C in ambient water for the enhancement of growth and survival during early larval stages of <i>Anabas testudineus</i> (Bloch, 1792)	: Dr. Bhushan Nanasaheb Sanap , ICAR-Central Institute of Fisheries Education, Mumbai
12:40 - 12:50	: Enhancing farmers' income by improving land and water utilization efficiency through potato intercropping in sugarcane	: Dr. Rajendra Gupta , ICAR-IISR, Lucknow
12:50 - 13:00	: Manual plastic mulch-cum-drip lateral pipe laying machine for hill agriculture	: Dr. Shyam Nath , ICAR-VPKAS, Almora
13:00 - 13:10	: Scaling productivity, nutrient and energetics through pigeonpea-wheat system in IGP of India	: Dr. Ummed Singh , ICAR-IIPR, Kanpur
13:10 - 13:20	: Enhancing crop water productivity through sensor network based irrigation system	: Dr. Jitendra Kumar , Scientist, ICAR-VPKAS, Almora

14:00 - 14:45	:	LUNCH	
15:00 – 16:00	:	GENERAL BODY MEETING OF THE SOCIETY (VENUE: Kailash Bhawan)	

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	<i>Co- Chairman</i>	:	<i>Dr. S.K. Biswas, Prof. (PP), CSAUAT, Kanpur</i>	
	<i>Convener</i>	:	<i>Dr. Jitendra Singh, ECF Agronomist, CSAUAT, Kanpur</i>	
15:00 – 16:15	:	ICAR-Indian Institute of Pulses Research, Kanpur	:	Group of participants
16:15 – 17:30	:	National Sugar Institute, Kanpur	:	Group of participants
17:30 – 18:30	:	CSAUAT, Kanpur	:	Group of participants
20:00 – 21:00	:	DINNER		

CONCURRENT PARALLEL SESSION - 3

09:30-14:00	Technical Session VI [Managing Farm Inputs for Higher Productivity] VENUE : Dean Committee Hall	
	Chairman	: Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda
	Co-Chairman	: Dr. B.S. Dwivedi, Head, Agril. Chemistry, IARI, New Delhi
	Convener	: Dr. A.K. Singh, PS (Agril. Engg.), ICAR-IISR, Lucknow
	Rapporteur	: Dr. Prasoon Verma, PS, IIPR, Kanpur Dr. Narendra Kumar, ICAR-IIPR, Kanpur
LEAD LECTURES		
09:30 – 09:50	: Optimization of soil management inputs for higher crop productivity	: Dr. B.S. Dwivedi, Head, Agril. Chemistry, IARI, New Delhi
09:50 – 10:10	: Current status of important chemical characteristics of the long-term sugarcane-growing soils under rain-fed and irrigation at <i>Sevanagala</i> , Sri Lanka	: Mr. K.A.F. Karunasena, Chairman Secretary, Ministry of Plantation Industries of Sri Lanka / H.A.S. Weerasinghe , Crop Nutrition Division, Sugarcane Research Institute, Uda Walawe, Sri Lanka
10:10 – 10:30	: Soil micronutrient deficiency in relation to human health	: Dr. Arvind Shukla, PC, AICRP (Micronutrients), Bhopal
10:30 – 10:50	: Managing the menace of crop weed dynamics for efficient utilization of farm inputs	: Dr. J.S. Mishra, Head, Division of Crop Research , ICAR Research Complex for Eastern Region, Patna
10:50 – 11:10	: Fabricated Foods: Future Scope, Benefits, Limitations and Technological Option	: Dr. S.K. Jha, PS, Division of Food Science and Postharvest Technology, ICAR-IARI, New Delhi
11:10 - 11:25	: Sustainable crop intensification through grain legumes for nutritional security in Eastern Gangetic Plains	: Dr. A.K. Chaudhary, PS, ICAR Research Complex for Eastern Region, Darbhanga (Bihar)
11:25 - 11:40	: TEA BREAK	
11:40 - 11:55	: Seed quality assurance :SPS & quarantine issues	: Dr. Atul Kumar, PS, SST, ICAR-IARI, New Delhi
11:55 – 13:05	: ORAL PRESENTATIONS	
11:55 - 12:05	: Farm mechanization in sugarcane cultivation to enhance the income of smallholder farmers	: Dr. A.K. Singh, PS (Ag. Engineering), ICAR-IISR, Lucknow
12:05 - 12:15	: Scaling resource use efficiency with sustainable technological interventions involving pulses on Indian context	: Dr. C.S. Praharaj, PS, ICAR-IIPR, Kanpur
12:15 - 12:25	: Integrated application of organics and inorganics to sustain soil health and ratoon cane productivity	: Dr. A.K. Singh, PS, ICAR-Indian Institute of Sugarcane Research, Lucknow
12:25 - 12:35	: Web and mobile based insecticide and fungicide calculators for judicious use of agrochemicals for higher crop productivity and environmental safety	: Dr. Vennila S / Mr. Ankur Tomar, ICAR-National Research Centre for Integrated Pest Management, LBS Building, New Delhi
12:35 - 12:45	: Development of tractor operated multipurpose inter-culturing equipment for sugarcane cultivation	: Dr. Sukhbir Singh, ICAR-Indian Institute of Sugarcane Research, Lucknow
12:45 - 12:55	: Integrated Nutrient Management for quality	: Dr. S.P. Kanaujia, SASRD, Nagaland

		production of cucumber on acid alfisol of Nagaland		University, Medziphema, Nagaland
12:55 - 13:05	:	Enhancing cane yield through balanced nutrition use in sugarcane-potato based intercropping system	:	Dr. V.P. Jaiswal , ICAR - Indian Institute of Sugarcane Research, Lucknow
14:00 - 14:45	:	LUNCH		
15:00 – 16:00	:	GENERAL BODY MEETING OF THE SOCIETY (VENUE: Kailash Bhawan)		

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	<i>Co- Chairman</i>	:	<i>Dr. S.K. Biswas, Prof. (PP), CSAUAT, Kanpur</i>	
	<i>Convener</i>	:	<i>Dr. Jitendra Singh, ECF Agronomist, CSAUAT, Kanpur</i>	
15:00 – 16:15	:	ICAR-Indian Institute of Pulses Research, Kanpur	:	Group of participants
16:15 – 17:30	:	National Sugar Institute, Kanpur	:	Group of participants
17:30 – 18:30	:	CSAUAT, Kanpur	:	Group of participants
20:00 – 21:00	:	DINNER		

PARALLEL SESSION - 1

15:00 – 18:00	Technical Session VII [Managing Change in Agriculture] VENUE : VC Committee Room	
	<i>Chairman</i>	: <i>Dr. H. Pathak, Director, NRRI, Cuttack</i>
	<i>Co-Chairman</i>	: <i>Dr. Ajeet Singh Nain, NABARD Chair/ Prof., GBPUAT, Pantnagar</i>
	<i>Convener</i>	: <i>Dr. S.V. Dwivedi, Dean (CoH), BUAT, Banda</i>
	<i>Rapporteur</i>	: <i>Dr. M.C. Yadav, PS, NBPGR, IARI, New Delhi</i> <i>Dr. G.S. Panwar, Professor, BUAT, Banda</i>
LEAD LECTURES		
15:00 – 15:20	: Mitigation to climate change in agriculture	: Dr. H. Pathak , Director, NRRI, Cuttack Cuttack, Orissa
15:20 – 15:40	: Vulnerability of Indian Agriculture to Climate Change	: Dr. S.D. Singh , Head, Environmental Science ICAR-IARI, New Delhi
15:40 – 16:00	: Climate Smart Agriculture for smallholder farmers	: Dr. Ajeet Singh Nain , NABARD Chair/ Prof. and Head, Dept. of Agrometeorology, GBPUAT, Pantnagar
16:00 – 16:20	: Remote sensing applications for managing climatic risk: Indian case studies	: Dr. Vinay Saigal , Professor, Ag. Physics, ICAR-IARI, New Delhi
16:20 – 16:40	: Combating global warming through carbon sequestration using carbonic anhydrase enzyme and photo thermal techniques	: Dr. R.S. Dwivedi , Ex-Director, NRCG, ICAR, Junagadh
16:40 – 16:55	: TEA BREAK	
16:55 – 17:10	: Growing super grain quinoa (<i>Chenopodium quinoa</i>) in India	: Dr. Sanjai K Dwivedi , Defense Bio-Energy Research Institute, DRDO, Haldwani (UK)
17:10 – 18:20	: ORAL PRESENTATIONS	
17:10 – 17:20	: Potential and economic feasibility of intercropping of spices, medicinal and aromatic plants in sisal plantation for sustainable production	: Dr. M.S. Behera , ICAR-Central Research Institute for Jute and Allied fibres, Barrackpore
17:20 – 17:30	: Innovative technologies for managing the changing climatic conditions for socio-economic development of farmers	: Dr. Awani Kr. Singh , PS, Vegetable Sciences, ICAR-IARI, New Delhi
17:30 – 17:40	: Interventions activities for National Innovations on Climate Resilient Agriculture (NICRA) in Uttar Pradesh	: Dr. Atar Singh , ICAR-ATARI, Kanpur
17:40 – 17:50	: Studies on C sequestration as influenced by grazing management towards mitigation and adaptation strategies of climate change	: Dr. Mahendra Prasad , ICAR-IGFRI, Jhansi, Uttar Pradesh, India
17:50 – 18:00	: Along elevation floristic, phytosociology, biomass and carbon stock of grasslands in Indian central Himalaya	: Dr. R.P. Yadav , ICAR-VPKAS, Almora
18:00 – 18:10	: GIS based soil properties mapping for adoption of site specific nutrient management in north Goa district of Goa	: Dr. R.R. Verma , ICAR- IISR, Lucknow
15:00 – 16:00	: GENERAL BODY MEETING OF THE SOCIETY (VENUE: Kailash Bhawan)	
20:00 – 21:00	: DINNER	

PARALLEL SESSION – 1

09:30-13:30	Technical Session VIII [Sustainable Farming Systems] VENUE : VC Committee Room	
	Chairman : <i>Dr. B. Gangwar, Former Director, IIFSR, Meerut</i> Co-Chairman : <i>Dr. S.K. Chaturvedi, PS, ICAR-IIPR, Kanpur</i> Convener : <i>Dr. Sunil Tiwari, PS & Head (Agronomy), IGFRI, Jhansi</i> Rapporteur : <i>Dr. A.K. Singh, PS (Agronomy), ICAR-IISR, Lucknow</i> <i>Dr. P.K. Shukla, PS, ICAR-CISH, Lucknow</i>	
LEAD LECTURES		
09:30 – 09:50	: Farming system approach for sustainability of smallholder agriculture under changing climate	: Dr. B. Gangwar , Director, Agricultural Institute, Bundelkhand University, Jhansi
09:50 – 10:10	: Resilience and sustainability through food-fodder systems approach in conjunction with resources conservation in changing climate scenario	: Dr. Sunil Tiwari , PS & Head (Agronomy), IGFRI, Jhansi
10:10 – 10:30	: Optimizing fertilizer inputs under varying tillage and residue management options for maize-wheat cropping system	: Dr. Rajeev Kr. Singh , PS, Agronomy, ICAR-IARI, New Delhi
10:30 – 10:50	: Role of millets in smallholder farming system for improved food and nutritional security under changing climate scenario	: Dr. Rajendra R Chapke , ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad-500 030 (Telengana)
10:50 – 11:10	: Agro-technological manipulations for improving stubble buds sprouting and productivity of winter initiated ratoon in sub-humid conditions of India	: Dr. S.N. Singh , PS, ICAR-Indian Institute of Sugarcane Research, Lucknow
11:10 – 11:25	: TEA BREAK	
11:25 – 11:45	: ORAL PRESENTATIONS	
11:25 – 11:35	: Shelf life study of spray dried groundnut milk powder	: Dr. Dhritiman Saha , ICAR- CIPHET, Ludhiana, Punjab
11:35 – 11:45	: <i>Lasiodiplodia theobromae</i> damage to mango crop in Southern states of India	: Dr. P.K. Shukla , ICAR-CISH, Lucknow
14:00 – 14:45	: LUNCH	

CONCURRENT PARALLEL SESSION – 2

09:30-13:30	Technical Session IX [Social Dynamics and Policy Support] VENUE : Kailash Bhawan	
	<i>Chairman</i>	: <i>Dr. P. Das, Former DDG (A.E.), ICAR, New Delhi</i>
	<i>Co-Chairman</i>	: <i>Dr. N.K. Bajpai, Director Extension, BUAT, Banda</i>
	<i>Convener</i>	: <i>Dr. Rashmi Singh, PS, ICAR-IARI, New Delhi</i>
	<i>Rapporteur</i>	: <i>Dr. A.K. Sah, PS, IISR, Lucknow</i> <i>Dr. Uma Sah, PS, IIPR, Kanpur</i>
LEAD LECTURES		
09:30 – 09:55	: New Horizon in extension methodologies : Opportunities	: Dr. P. Das , Former DDG (A.E.), ICAR, New Delhi
09:55 – 10:15	: Institutional Convergence for addressing the issues of smallholder farmers in India	: Dr. R.N. Padaria , Professor (Agril. Extension), IARI, New Delhi
10:15 – 10:30	: Policy and institutional imperatives to address the priorities of smallholder farmers of India	: Dr. Anjani Kumar , PS (Economics), IFPRI, NASC Complex, New Delhi
10:30 – 10:45	: Correlates of Entrepreneurial Success in Agriculture Sector	: Dr. Rashmi Singh , PS, Ag. Extension, ICAR-IARI, New Delhi
10:45 – 11:00	: Vulnerability and policy relevance in relation to climate change	: Dr. N.P. Singh , PS, Ag. Economics, ICAR-NICAP, New Delhi
11:00 – 11:15	: TEA BREAK	
11:15 – 12:45	: ORAL PRESENTATIONS	
11:15 – 11:25	: Small ruminant farming and livelihood security in India: Present status and opportunities for enhancing farmers' income	: Dr. A.K. Dixit , ICAR-CIRG, Makhdoom, Mathura
11:25 – 11:35	: Empowering farmers about health and safety issues through educational intervention	: Dr. Rekha Vyas , Professor-FRM, MPUAT, Udaipur
11:35 – 11:45	: Global ICT initiatives for addressing the information needs of farmers: Experiences and future implications	: Dr. Basant Jha , Associate Prof., Birsa Agril. University, Ranchi, Jharkhand
11:45 – 11:55	: Work analysis of marginal farmers in relation to uses of small tools and devices	: Dr. Tandra Mondal , Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata
11:55 – 12:05	: Quantitative harvest and post-harvest losses assessment of apple, citrus, cabbage and green pea in Uttarakhand	: Dr. Sher Singh , ICAR–VPKAS, Almora
12:05 – 12:15	: Effect of use of measured value of outer glass cover temperature or estimated value of outer glass cover temperature on top heat loss coefficient of a flat plate solar collector/box type solar cooker	: Dr. Alok Singh , CAET, NAU Navsari
12:15 – 12:25	: Water harvesting based integrated vertical farming to double farmer's income	: Dr. R.K. Sahu , BRSM College of Agricultural Engineering and Technology (IGKV), Mungeli
12:25 – 12:35	: Assessment of knowledge level of farmwomen and rural youth in post harvest technology	: Dr. Sunita Pandey , Krishi Vigyan Kendra, PG College, Ghazipur
12:35 – 12:45	: Study of quality based changes in button and oyster mushroom during blanching process	: Dr. Kavita Arora , Department of Botany, D.D.U. Gorakhpur University, Gorakhpur

14:00 - 14:45	:	LUNCH
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CONCURRENT PARALLEL SESSION – 3

09:30-13:30	Technical Session X [NARS-CSISA collaborative experiences on generating data-based evidences for better learning VENUE : ICAR-ATARI, Kanpur			
	<i>Chairman</i>	:	<i>Dr. A.K. Singh, VC, BAU, Sabour, Bhagalpur, Bihar</i>	
	<i>Co-Chairman</i>	:	<i>Dr. U.S. Gautam, Director, ICAR-ATARI, Kanpur</i> <i>Dr. Anjani Kumar, Director, ICAR-ATARI, Patna</i>	
	<i>Convener</i>	:	<i>Dr. R.K. Sohane, Director (Exten.), BAU, Sabour, Bihar</i> <i>Dr. S.K. Singh, Director, ICAR-ATARI, Jodhpur</i>	
	<i>Rapporteur</i>	:	<i>Dr. Akhilesh Kumar Dubey, Head KVK, Kushinagar</i> <i>Dr. Narendra Singh, Associate Director Extension, BUAT, Banda</i>	
LEAD LECTURES				
09:30 – 9:50	:	Managing the scarce resources in Indo Gangatic Plains for harnessing enhanced productivity	:	Dr. A.K. Singh , VC, BAU, Sabour, Bihar
10:10 – 10:30	:	Overview of CSISA interventions in Uttar Pradesh	:	Dr. U.S. Gautam , Director, ICAR-ATARI, Kanpur
10:30 – 10:50	:	Approach and process of generating data-based evidence	:	Dr. Arindam Samaddar , IRRI- India, New Delhi
10:50 – 11:10	:	Experience on robust sampling approaches	:	Dr. Alwin Keil , CIMMYT-India, Germany
11:10 – 11:30	:	Fostering field surveys through Open Data Kit (ODK)	:	Dr. Anurag Ajay , CSISA, Nepal
11:30 – 11:45	:	TEA BREAK	:	
11:45 – 12:00	:	Convergence and synergies from participatory extension research and development	:	Dr. R.K. Malik , Country Coordinator, CSISA, New Delhi
14:00 – 14:45	:	LUNCH	:	

FEBRUARY 16, 2018 [Afternoon Session]**: DAY 3**

15:30-16:30	[PLENARY SESSION] HALL: Kailash Bhawan		
	<i>Chief Guest</i>	: <i>Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda</i>	
	<i>Chairman</i>	: <i>Dr. Sushil Solomon, Vice Chancellor, CSAUAT, Kanpur</i>	
	<i>Co-Chairman</i>	: <i>Dr. A.K. Singh, DDG (Agril. Extn.), ICAR, New Delhi</i>	
	<i>Conveners</i>	: <i>Dr. A.K. Tripathi, Organizing Secretary (AgriCon 2018)</i> <i>Dr. S.K. Dubey, Co- Organizing Secretary (AgriCon 2018)</i>	
15:30 – 15:40	:	Welcome address	: Dr. A.K. Singh , President of the SAP
15:40 – 16:20	:	Presentation of proceedings of all technical sessions	: Presented by Conveners of technical sessions
16:20 – 16:40	:	Poster paper and poster Presentation Award	: Dr. S.K. Dubey , Co- Organizing Secretary (AgriCon 2018)
16:40 – 17:00	:	Remarks by Chief Guest	: Dr. S.L. Goswami , Vice Chancellor, BUAT, Banda
17:00 – 17:10	:	Vote of thanks	: Dr. A.K. Tripathi , Organizing Secretary (AgriCon 2018)
17:10 – 17:40	:	TEA	

FEBRUARY 17, 2018 [Forenoon Session]**: DAY 4**

10:00 - Onward	SIGHT SEEING		
	<i>Chairman</i>	: <i>Dr. .C.L. Maurya, HOD (Seed Science & Technology), CSAUAT, Kanpur</i>	
	<i>Co- Chairman</i>	: <i>Dr. Dhananjay Singh, Assoc. Prof. (Agronomy) CSAUAT, Kanpur</i>	
	<i>Convener</i>	: <i>Dr. Anil Kumar Sachan, Asstt. Director, S&F, CSAUAT, Kanpur</i>	
		Preferred tour for Agra/ Khajurao on pre booking and pre payment basis	

POSTER SESSION INFORMATION

FEBRUARY 14, 2018 [Afternoon Session] : DAY 1

16:00 - 17:30	Technical Session III [Sugarcane Research-Sugar Industry Interface]
	<p><i>Convener</i> : Dr. A.K. Sah, PS, ICAR-Indian Institute of Sugarcane Research, Lucknow</p> <p><i>Co-Convener</i> : Dr. Aditya Dwivedi, PS, ICAR-IISR, Lucknow</p>
16:00 – 17:30	<p>: Presentation & evaluation of posters of this session between 16.00 – 17.00 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 16.00 PM sharp and they must remove it by 17.00 PM</i></p>
20:00 – 21:00	: GALA DINNER

FEBRUARY 15, 2018 [Forenoon Session] : DAY 2

09:30-14:00	Technical Session IV [Conservation and Utilization of Genetic Resources]
	<p><i>Convener</i> : Dr. Deepa Bhagat, ICAR-NBAIR, Bangalore</p> <p><i>Co-Convener</i> : Dr. Kaushal Kumar, Assoc. Prof., SCWM, CSAUAT, Kanpur</p>
09:30 – 12:30	<p>: Presentation & evaluation of posters of this session between 10:30 – 12:30 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 09.30 AM sharp and they must remove it by 13.00 PM</i></p>
14:00 – 14:45	: LUNCH

09:30-14:00	Technical Session V [Natural Resource Management for Ecological Security]
	<p><i>Convener</i> : Dr. S.K. Shukla, PS, CISH, Lucknow</p> <p><i>Co-Convener</i> : Dr. N.K. Sharma, Assoc. Prof., CAET (Etawah), CSAUAT, Kanpur</p>
09:30 – 12:30	<p>: Presentation & evaluation of posters of this session between 10:30 – 12:30 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 09.30 AM sharp and they must remove it by 13.00 PM</i></p>
14:00 – 14:45	: LUNCH

09:30-14:00	Technical Session VI [Managing Farm Inputs for Higher Productivity]
	<p><i>Convener</i> : Dr. S.N. Singh, PS, ICAR-IISR, Lucknow</p> <p><i>Co-Convener</i> : Dr. B.S. Dwivedi, Associate Professor, JNKVV, Jabalpur</p>
09:30 – 12:30	<p>: Presentation & evaluation of posters of this session between 10:30 – 12:30 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 09.30 AM sharp and they must remove it by 13.00 PM</i></p>
14:00 – 14:45	: LUNCH

FEBRUARY 15, 2018 [Afternoon Session]**: DAY 2**

15:00-18:00	Technical Session VII [Managing Change in Agriculture]
	<i>Convener</i> : Dr. G.S. Panwar, Dean (CoA), BUAT, Banda <i>Co-Convener</i> : Dr. Bhupendra Kr. Singh, Associate Professor, Entomology, BUAT, Banda
15:00 – 18:00	: Presentation & evaluation of posters of this session between 16:00 – 18:00 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 15.00 PM sharp and they must remove it by 18.30 PM</i>
20:00 – 21:00	: DINNER

15:00-18:00	Technical Session VIII [Sustainable Farming Systems]
	<i>Convener</i> : Dr. Dhananjay Singh, Assoc. Prof., Agronomy, CSAUAT, Kanpur <i>Co-Convener</i> : Dr. Dinesh Shah, Assoc. Prof., Agronomy, BUAT, Banda
15:00 – 18:00	: Presentation & evaluation of posters of this session between 16:00 – 18:00 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 15.00 PM sharp and they must remove it by 18.30 PM</i>
20:00 – 21:00	: DINNER

15:00-18:00	Technical Session VIII [Social Dynamics and Policy Support]
	<i>Convener</i> : Dr. Atar Singh, PS, ICAR-ATARI, Kanpur <i>Co-Convener</i> : Dr. Dhananjay Singh, Assoc. Prof. Agronomy, CSAUAT, Kanpur
15:00 – 18:00	: Presentation & evaluation of posters of this session between 16:00 – 18:00 PM [Venue : Gandhi Hall] <i>Delegates are suppose to display their poster by 15.00 PM sharp and they must remove it by 18.30 PM</i>
20:00 – 21:00	: DINNER

FEBRUARY 16, 2018 [Forenoon Session]**: DAY 3**

09:30-13:30	Technical Session IX [Sustainable NARS-CSISA collaborative experiences on Generating data-based evidences for better learning]
	<i>Convener</i> : Dr. S.K. Dubey, PS, ICAR-ATARI,, Kanpur <i>Co-Convener</i> : Dr. S.N. Yumel, ICAR-ATARI, Kanpur
09:30 – 12:30	: Presentation & evaluation of posters of this session between 16:00 – 18:00 PM [Venue : ICAR-ATARI, Kanpur] <i>Delegates are suppose to display their poster by 15.00 PM sharp and they must remove it by 18.30 PM</i>