

# INTERNATIONAL EXTENSION EDUCATION CONFERENCE

ON

**Innovative Applications in Agricultural Extension for  
Sustainable Food & Environmental Security**

**(IEEC-BHU 2023)**

Banaras Hindu University, Varanasi, India

## IEEC-2023 SCHEDULE FOR ORAL PRESENTATION

FRIDAY, 27<sup>th</sup> JANUARY, 2023 (1<sup>st</sup> DAY)

08:30 -09:30 AM	BREAKFAST	
9:30-11:00 AM	ON SPOT REGISTRATION, KIT DISTRIBUTION	
11:00-12:30 PM	INAUGURAL SESSION	
12.30-1.30 PM	LUNCH	
<b>PLENARY SESSION 1</b>		
<b>Venue</b>	Shatabdi Krishi Preksha Greh, IAS, BHU	
<b>27-01-2023</b> 1:30 -2.:30 PM (60 Min)	<b>Chair</b>	Dr. V.V. Sadamate, Agricultural Extension Specialist & Former Adv. Ag., Planning Commission, Gol.
	<b>Co-Chair</b>	Dr. K. Narayana Gowda, President, International Society of Extension Education, Former Vice-Chancellor, UAS, Bangalore.
	<b>Convenor</b>	Prof. B. Parasar, Professor, SoA University, Bhubaneswar.

	<b>Rapporteurs</b>	Dr. Sravan Kumar Tamminana, PJTSAU, Hyderabad.
		Dr. Subhadeep Roy, Scientist, IIVR, ICAR.
	<b>Key Note Address</b>	Dr. Janaki Alavalapati, Auburn University, USA. Topic: Agricultural Extension and Forest Ecosystem.
		Dr. Saravanan Raj, Director (Agricultural Extension), MANAGE. Topic: Extension Next: Innovation and Changing Roles in Agricultural Extension.
		Mr. Bobby Clark, Senior Extension Agent (Agriculture and Natural Resources) Shenandoah County Office, Woodstock, VA. Topic: Assessing the Programming Level of Extension Agent Work in Virginia.
	<b>PAPER SESSION 1</b> <b>Theme 1: Innovations in Agricultural Extension Management</b> <b>Sub-Theme 1.1: Institutional Pluralism: Mapping and Convergence</b> <b>Sub-Theme 1.5: Entrepreneurial Extension, Incubation &amp; Startups</b>	
<b>Venue</b>	Institute Seminar Hall	
<b>27-01-2023</b> <b>2:30-04:30</b> <b>PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. Chakradhar Satpathy, Director, AMITY, Bhubaneswar, Odisha.
	<b>Co-Chair</b>	Prof. M. M. Adhikari, Former Vice-Chancellor, BCKV.
	<b>Convenor</b>	Dr. Savita Mishra, ICAR-CIWA.
	<b>Rapporteurs</b>	Dr. Shehel Chakravorty, RGSC, BHU.
		Ms. P. Helena Chanu, IAS, BHU
<b>Lead Paper</b>	Dr. P. Balasubramaniam, TNAU. Topic: Role of Distance Education in Entrepreneurship Development	

**PAPER SESSION 2**

**Theme 1: Innovations in Agricultural Extension Management**

**Sub-Theme 1.2: Capacity Building & Training Management in Extension.**

<b>Venue</b>	Smart Classroom Horticulture	
<b>27-01-2023</b> <b>2:30-04:30</b> <b>PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. B.N. Sadangi, Former Head Social Science Division, NRRI, Cuttack.
	<b>Co-Chair</b>	Dr. S.S. Dolli, UAS, Dharwad.
	<b>Convenor</b>	Dr. Narayan Bar, Scientist, KVK, OUAT.
	<b>Rapporteurs</b>	Dr. Deepika, CSKHPKV, Palampur
		Dr. Akhil Ajith, KAU.
<b>Lead Paper</b>	Dr. Prasad Kulkarni, Adrise India. Topic: Digital Agriculture as a Part of Agriculture and Training.	

**PAPER SESSION 3**

**Theme 1: Innovations in Agricultural Extension Management**

**Sub-Theme 1.3: Digital Initiatives, Disruptive Technologies & Knowledge Management**

<b>Venue</b>	Smart Class Room-Extension Education	
<b>27-01-2023</b> <b>2:30-04:30</b> <b>PM</b> <b>(120 Min)</b>	<b>Chair</b>	Ms. Pragati Gokhle, Executive, Market Mirchi.
	<b>Co-Chair</b>	Prof. Pritishri Parhi, Professor, HDFSS, OUAT.
	<b>Convenor</b>	Dr. Pankaj Ojha, BUAT.
	<b>Rapporteurs</b>	Dr. Sravan Kumar Tamminana, PJTSAU.
		Ms. Jagriti Parasar, IAS, BHU.
<b>Lead Paper</b>	Ms. Pragati Gokhle, Market Mirchi. Topic: Mera Mobile Mera Marketing.	

<b>PAPER SESSION 4 (A)</b>		
<b>Theme 1: Innovations in Agricultural Extension Management</b>		
<b>Sub-Theme 1.4: Technology Development Assessment and Transfer</b>		
<b>Venue</b>	Shatabdi Krishi Preksha Greh, IAS, BHU	
<b>27-01-2023</b> <b>2:30-04:30</b> <b>PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. Banchhanidhi Mishra, OUAT, Odisha.
	<b>Co-Chair</b>	Dr. Amitabh Rakshit, Associate Professor, BHU.
	<b>Convenor</b>	Dr. Md. Hasim, NIAT, Sasaram.
	<b>Rapporteurs</b>	Dr. Girijesh Mahra, Scientist, IARI, New Delhi. Dr. K Keerthi, College of Community Science, PJTSAU.
<b>3:00 PM</b>	<b>SESSION TEA</b>	
<b>5:00-5:30 PM</b>	<b>COMMON TEA</b>	
<b>6.00-8.30 PM</b>	<b>CULTURAL PROGRAMME</b>	
<b>8.30-9:30 PM</b>	<b>DINNER</b>	

**SATURDAY, 28<sup>th</sup> JANUARY, 2023 (2<sup>nd</sup> DAY)**

<b>06.30-08.30 AM</b>	SUN RISE At Ganga Ghats (Boating and Kashi Viswanath Darshan) Organized on Request of Delegates–Contact Conference Office.	
<b>08:30-09:30 AM</b>	<b>BREAKFAST</b>	
<b>PLENARY SESSION 2</b>		
<b>Venue</b>	Shatabdi Krishi Preksha Greh, IAS, BHU	
<b>28-01-2023</b> <b>09:30 -10:30</b> <b>AM</b> <b>(60 Min)</b>	<b>Chair</b>	Dr. K. Narayana Gowda, Former Vice-Chancellor, UAS, Bengaluru.
	<b>Co-Chair</b>	Dr. Venkataraman Sridhar, D.WRE and Professor, Virginia Tech, USA.
	<b>Convenor</b>	Dr. Balasubramaniam, P., TNAU.
	<b>Rapporteurs</b>	Dr. N. Srinivas, IAS, BHU. Dr. Md. Afjal Ahmed, IAS, BHU.
	<b>Key Note Address</b>	Dr. Venkatraman Sridhar, D.WRE and Professor, Virginia Tech, USA. Topic: An Approach for Efficient Agricultural Water Management and Food Security: Case Studies From around the World. Dr. Prof. Shankaracharya, Professor, BCKV. Topic: Social Entropy, Chaos and Resilience Perception and Empiricism: Research in Extension Science in Posterity. Dr. Komali Kantamaneni, Faculty of Science and Technology, University of Central Lancashire, United Kingdom.

<b>PAPER SESSION 4(B)</b> <b>Theme 1: Innovations in Agricultural Extension Management.</b> <b>Sub-Theme 1.4: Technology Development, Assessment and Transfer.</b>		
<b>Venue</b>	Institute Seminar Hall	
<b>28-01-2023</b> <b>10:30 AM-12:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. Suniti Kumar Jha, Principal Scientist, ICAR-CRIJAF
	<b>Co-Chair</b>	Dr. Kiran Kumari, Senior Scientist & Head, BAU Ranchi
	<b>Convenor</b>	Dr. Shashidhar, K.S., RGSC, BHU
	<b>Rapporteurs</b>	Dr. Kumari Jyoti, Narayan Institute of Agricultural Sciences.
		Dr. Sravan Kumar, RGSC, BHU.
<b>Lead Paper</b>	Dr. B.N. Sadangi, former head social science division NRRI, Cuttack. Topic: Perceived Gender Impact of ATMA in Odisha.	
<b>PAPER SESSION 5</b> <b>Theme 2: Innovations in Extension Service.</b> <b>Sub-Theme 2.1: Structural &amp; Functional Imperatives of Communication Process</b> <b>Sub-Theme 2.2: System Paradigm and Sustainable Models of Communication.</b> <b>Sub-Theme 2.3: Farm Journalism &amp; Social Media Extension</b>		
<b>Venue</b>	Smart Classroom Extension Education	
<b>28-01-2023</b> <b>10:30 AM-12:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. Souvik Ghosh, Viswa Bharati.
	<b>Co-Chair</b>	Dr. Jyoti Nayak, Principal Scientist, ICAR-CIWA.
	<b>Convenor</b>	Dr. Lalita Vatta, MMV, BHU.
	<b>Rapporteurs</b>	Dr. Renu Balakrishnan, Scientist, ICAR-CIPHET.
		Mr. Harshit Paliwal, IAS, BHU.
<b>Lead Paper</b>	Prof. Souvik Ghosh, Professor, Visva-Bharati. Topic: Extension Approaches for Climate Smart Agriculture.	

**PAPER SESSION 6**

**Theme 2: Innovations in Extension Service.**

**Sub-Theme 2.4: Communication, Diffusion & Behavioural Research in Extension.**

<b>Venue</b>	Shatabdi Krishi Preksha Greh, IAS, BHU	
<b>28-01-2023</b> <b>10:30 AM-12:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. Neeraj Singh, IIVR.
	<b>Co-Chair</b>	Dr. Sarbani Das, OUAT.
	<b>Convenor</b>	Dr. T. Somu, Asst. Professor, BHU.
	<b>Rapporteurs</b>	Dr. Shivalika Sood, LPU.
		Dr. Rohit Shelar, IAS, BHU.
<b>Lead Paper</b>	Dr. R.K. Tripathi, Former Director (Extn.), Ministry of Agriculture. Topic: Agri Infra and Input Support for Effective Extension.	

**PAPER SESSION 7**

**Theme 3: Innovations in Extension Service**

**Sub-Theme 3.1: Doubling Farmers Income: Innovations and Experiences**

<b>Venue</b>	Smart Classroom Horticulture	
<b>28-01-2023</b> <b>10:30 AM-12:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. B K Singh, Chairman, SKYMAT
	<b>Co-Chair</b>	Dr. Bineeta Sathpathy, RPCAU.
	<b>Convenor</b>	Dr. Subhadeep Roy, ICAR-IIVR.
	<b>Rapporteurs</b>	Dr. Pramod Kumar Prajapati, Assistant Professor,
		Dr. Abhijeet Sathpathy, Assistant Professor, Birsa Agricultural University, Ranchi.
<b>Lead Paper</b>	Dr. B.K.Singh, Chairman, SKYMAT. Topic: Digital Agriculture	

<b>PAPER SESSION 8</b> <b>Theme 3: Innovations in Extension Service</b> <b>Sub-Theme 3.2: Value Chain &amp; Market Led Extension</b>		
<b>Venue</b>	Smart Class Room Economics	
<b>28-01-2023</b> <b>10:30 AM-12:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. P S Badal, Professor, IAS, BHU.
	<b>Co-Chair</b>	Mr. Chiranjivi Singh, AC&ABC operator.
	<b>Convenor</b>	Prof. Pragya Paramita, UPC.
	<b>Rapporteurs</b>	Dr. Pratibha Joshi, IARI. Dr. Jeevan Jyoti Behera, OUAT.
<b>PAPER SESSION 9</b> <b>Theme 3: Innovations in Extension Service</b> <b>Sub-Theme: 3.3: Family Farming &amp; Nutrition Sensitive Extension</b> <b>3.4: Gender &amp; Youth in Agriculture</b>		
<b>Venue</b>	Shatabdi Krishi Preksha Greh	
<b>28-01-2023</b> <b>02:30-04:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. T.K. Behra, Director, IIVR.
	<b>Co-Chair</b>	Dr. P K Tiwari, IGKV.
	<b>Convenor</b>	Dr. Anoop M. BHU.
	<b>Rapporteurs</b>	Dr. Smaranika Parida, Bhadrak Autonomous College, Odisha. Ms. Sonali Mallick, IARI.

**PAPER SESSION 10**
**Theme 3: Innovations in Extension Service.**
**Sub-Theme 3.5: Extension Approaches in Climate Smart Agriculture.**

<b>Venue</b>	Smart Classroom Extension Education	
<b>28-01-2023</b> <b>02:30-04:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. B. Parasar, SoA Univ.
	<b>Co-Chair</b>	Dr. Binodini Sethi, CAU.
	<b>Convenor</b>	Dr. Kesar Chayal, Univ. of Rajasthan.
	<b>Rapporteurs</b>	Ms. Shilpa B. IAS, BHU. Ms. Sushmita Saini, IARI.
	<b>Lead Paper</b>	Dr. R. Roy Burman, IARI. Topic: Innovative Multimedia-Based Extension Delivery model through social media

**PAPER SESSION 11**
**Theme 4: Future Perspectives of Agricultural Extension.**
**Sub-Theme 4.1: Rethinking Agricultural Extension: Policies and Reforms.**

<b>Venue</b>	Institute Seminar Hall	
<b>28-01-2023</b> <b>02:30-04:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. P.K. Parida, FSS, BHU.
	<b>Co-Chair</b>	Dr. Jayant Goyal, Professor, Vet. Ext., RGSC.
	<b>Convenor</b>	Dr. Sukanya Chakraborty, BHU.
	<b>Rapporteurs</b>	Dr. Md. Hasim, Narayan Institute of Agri. Ms. Monika Rani Pradhan, OUAT.
	<b>Lead Paper</b>	Dr. P.K. Parida, FSS, BHU. Topic: Role of Media in Extension Education in the domain of Rural Development in India in post-Liberalization Period.



**PAPER SESSION 12**

**Theme 4:** Future Perspectives of Agricultural Extension

**Sub-Theme 4.2:** Extension in Social Context: Vocal for local

**Sub-Theme 4.4:** Worldwide Education Policies and NEP 2020.

**Sub-Theme 4.6:** Grassroot Innovation, Adaptation Strategies and IPR Issues.

**Sub-Theme 4.7:** Scope and Challenges in Natural Farming and Extension.

<b>Venue</b>	Smart Classroom Horticulture	
<b>28-01-2023</b> <b>02:30-04:30 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Dr. Mahesh Jaishi, IAAS, Nepal.
	<b>Co-Chair</b>	Dr. Pushpa Kumari, MMV, BHU.
	<b>Convenor</b>	Dr. Rajesh Kumar Thakur, Principal Scientist, CSKHPKV.
	<b>Rapporteurs</b>	Dr. Payal Hargovind Vihariya, SRF.
		Ms. Priyanka Roy, IAS, BHU.
<b>Lead Speaker</b>	Dr. T K Behera, Director, IIVR. Topic: Livelihood Management and Nutritional Security through Vegetable Farming.	
<b>3:00 PM</b>	SESSION TEA	
<b>5:00-5:30 PM</b>	COMMON TEA	
<b>6.00-7.00 PM</b>	CULTURAL PROGRAMME	
<b>7.30-8:30 PM</b>	DINNER	

SUNDAY, 29<sup>th</sup> JANUARY 2023 (3<sup>rd</sup> DAY)

6.30-8.00 AM	<b>Sankat Mochan, Durga Ji, Tulsi Manas Mandir Organised on Request</b>	
9:00-10:00 AM	<b>BREAKFAST</b>	
<b>PAPER SESSION 13</b> <b>Theme 4: Future Perspectives of Agricultural Extension.</b> <b>Sub-Theme 4.3: Emerging Pedagogy in Teaching and Learning.</b>		
<b>Venue</b>	Shatabdi Krishi Preksha Greh	
<b>29-01-2023</b> <b>10:00 AM-12:00 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. B. Jirli, IAS, BHU.
	<b>Co-Chair</b>	Prof. J. K. Singh, IAS, BHU.
	<b>Convenor</b>	Dr. Nisha Tiwari, Shree Tikaram Kanya Mahavidyalaya.
	<b>Rapporteurs</b>	Dr. Bai Koyu, Rajiv Gandhi university.
		Ms. Rita Gurung, Assistant Professor, Nepal.
<b>Lead Paper</b>	Prof. B. Jirli, IAS, BHU Topic: Open Education and Resources.	
<b>PAPER SESSION 14</b> <b>Theme 4: Future Perspectives of Agricultural Extension.</b> <b>Sub-Theme 4.5: Sustainable Food Production Addressing SDG's.</b>		
<b>Venue</b>	Institute Seminar Hall	
<b>29-01-2023</b> <b>10:00 AM-12:00 PM</b> <b>(120 Min)</b>	<b>Chair</b>	Prof. S. K. Swain, Dean, Faculty of Edu. BHU.
	<b>Co-Chair</b>	Dr. Pranav Kumar, SKUAST, Jammu.
	<b>Convenor</b>	Dr. S K Goyal, KVK, RGSC, BHU.
	<b>Rapporteurs</b>	Dr. Ashish Santosh Murai, Scientist, ICAR-ATARI.
		Ms. Pretty Rani, Col. of Community Science, PJTSAU.
<b>Lead Paper</b>	Dr. Pranav Kumar, SKUAST, Jammu. Topic: Digital Agriculture in India, Scope and Challenges.	
01:00-2:00 PM	<b>LUNCH BREAK</b>	
02:30-4:30 PM	<b>AWARD DISTRIBUTION/VALEDICTORY SESSION</b>	
4:30-5:00 PM	<b>TEA</b>	
7.30-8:30 PM	<b>DINNER</b>	

**MONDAY, 30<sup>th</sup> JANUARY 2023 (4<sup>th</sup> DAY)**

<b>08:30-09:30 AM</b>	<b>BREAKFAST</b>
<b>09:30-12:30 AM</b>	<b>SCIENTIST-FARMER INTERACTION</b>
<b>01:00-02:00 PM</b>	<b>LUNCH</b>