

**ISEE National Seminar on**  
**EVOLVING EXTENSION SCIENCE TOWARDS**  
**SECONDARY AGRICULTURE FOR SUSTAINABLE DEVELOPMENT**

*on 22-24, June 2023 at University of Agricultural Sciences, Bangalore*

**PROGRAMME SCHEDULE**

**Organized by**



University of Agricultural Sciences, Bangalore



Indian Society of Extension Education (ISEE), ICAR-IARI, New Delhi  
ISEE (K C), UAS, Bangalore

**In collaboration with**



ICAR-Agriculture Technology Application Research Institute, Bengaluru



Karnataka State Department of Agriculture, GoK, Bengaluru  
Directorate of Secondary Agriculture, GoK, Bengaluru



National Institute of Agricultural Extension Management (MANAGE), Hyderabad



Central Food Technological Research Institute, Mysore



Karnataka State Agricultural Produce Processing & Export Corporation Limited, GoK Bengaluru



Watershed Development Department, GoK, Bengaluru



Agricultural and Processed Food Products Export Development Authority, Bengaluru



ICAR-National Institute of Secondary Agriculture, Ranchi



National Bank for Agriculture and Rural Development, Bengaluru



Karnataka State Department of Horticulture, GoK, Bengaluru



ICAR-Agriculture Technology Application Research Institute, Hyderabad



केनरा बँक  
Canara Bank



ICAR- Indian Institute of Horticultural Research



Indian Farmers Fertilisers Co Operative Ltd, Bengaluru



SANJEEVINI-Karnataka State Rural Livelihood Promotion Society Skill Development, Entrepreneurship and Livelihood Department, GoK, Bengaluru

## Day 1: Thursday, 22<sup>nd</sup> June 2023

<b>7.30 hrs to 8.30 hrs</b>	:	<b>BREAKFAST at FOOD COURT, DR. BRP INTERNATIONAL CONVENTION CENTRE</b>
<b>8.30 hrs to 10.00 hrs</b>	:	<b>Spot Registration &amp; Issue of Conference Kit</b>
<b>10.00 hrs to 12.00 hrs</b>	:	<b>INAUGURAL SESSION – Dr. Babu Rajendra Prasad International Convention Centre</b>
Welcome Address	:	Dr. V. Venkatasubramanian, Director, ATARI, Hebbal, Bengaluru
Opening Remarks	:	Dr. G. Eswarappa, President, Indian Society of Extension Education (Karnataka Chapter)
Lighting the lamp & Inaugural Address	:	Ms. Shobha Karandlaje, Hon'ble Union Minister of State for Agriculture and Farmers Welfare.
ISEE Report	:	Dr. U.S. Gautam, Deputy Director General (Agril. Extension), ICAR, New Delhi and President, ISEE, New Delhi
Release of Publications	:	By Dignitaries
Remarks of the Chief Guest	:	Dr. Ashok M. Dalwai, CEO, National Rainfed Area Authority (NRAA), Ministry of Agriculture and Farmers' Welfare, Gol Dr. P. Chandra Shekara, Director General, MANAGE, Hyderabad
ISEE Lifetime Achievement Awards Presentation	:	By Dignitaries
Presidential Remarks	:	Dr. S.V. Suresha, Hon'ble Vice-Chancellor, UAS, Bangalore
Vote of Thanks	:	Dr. Y.N. Shivalingaiah, Organising Secretary, ISEE National Seminar 2023
	Coordinator	Dr. N. Rajanna, Former Head, ATIC, UAS Bangalore & Chairman, Stage Management Committee
	Rapporteurs	Dr. D.K. Suresh, Scientist, KVK, Mandya & Dr. Preethi, Asst. Professor, UAHS, Shivamogga
	Facilitator	Ms. Denichwa Dkhar
<b>12.00 hrs - 12.30 hrs</b>	:	<b>HIGH TEA</b>
<b>12.30 hrs - 13.15 hrs</b>	:	<b>KEYNOTE SESSION</b>
Chair	:	Dr. Chandrashekar, Director General, MANAGE, Hyderabad
Co-Chair	:	Dr. M.S. Nataraju, Professor Emeritus, UAS, Bangalore
	Coordinator	Dr. H.K. Pankaja, Asst. Professor, UAS Bangalore
	Rapporteurs	Dr. Harshitha, Asst. Professor, DE's Office, UAS Bangalore & Dr. Sanketh, Scientist, KVK, Hassan
	Facilitators	Ms. Sampraja Bandi, PG Scholar, UAS Bangalore
<b>Keynote Address</b>	:	<ol style="list-style-type: none"> <li>1. Policy and programmes support by Government of India for strengthening secondary agriculture and Doubling Farmers Income (DFI) <b>Dr. Ashok M. Dalwai, CEO, National Rainfed Area Authority (NRAA), Ministry of Agriculture and Farmers' Welfare, Gol</b></li> <li>2. Evolving extension science towards secondary agriculture for sustainable development <b>Dr. U.S. Gautam, DDG (Agril.Extension), ICAR, New Delhi.</b></li> </ol>
<b>13.15 hrs - 14.00 hrs</b>	:	<b>PLENARY SESSION 1</b>
Chair	:	Dr. P. Das, Former DDG (Agrl. Extension), ICAR, New Delhi
Co-Chair	:	<a href="#">Dr. K.D. Kokate, Former DDG (Agrl. Extension), ICAR, New Delhi</a>
	Coordinator	Dr. M.T. Lakshminarayan, Assoc. Professor, UEC, UAS, Bangalore
	Rapporteurs	Dr. Darshan, Scientist, KVK, Tumkur & Ms. Ashwini, K., PG Scholar, UAS Bangalore
	Facilitators	Mr. Vineeth, Ph.D. Scholar, UAS Bangalore
<b>Lead Speakers</b>	:	<ol style="list-style-type: none"> <li>1. Innovative Pathways in Agricultural Extension for Strengthening Secondary Agriculture: Experiences of MANAGE – <b>Dr. P. Chandra Shekara, Director General, MANAGE, Hyderabad</b></li> <li>2. Extension Approach to Secondary Agriculture-The Shift in Indian Farming Needs - <b>Dr. P. Das</b>, Former DDG (AE), ICAR, New Delhi</li> <li>3. Participatory Research and Extension activities for sustainable livestock production: Experiences from Karnataka State</li> </ol>

	<b>Dr. K.C. Veeranna, Vice Chancellor, KVAFSU, Bidar</b>					
	4. Future of Digital Extension: Full stack and Platform based Approaches for Agriculture - <b>Dr. Shaik N. Meera</b> , Director, ICAR ATARI. Zone-X, Hyderabad, Telangana					
<b>14.00 hrs - 14.30 hrs</b>	<b>: LUNCH - FOOD COURT, DR. BRP INTERNATIONAL CONVENTION CENTRE</b>					
<b>14.30 hrs to 15.30 hrs</b>	<b>: PANEL DISCUSSION ON MARKET LED EXTENSION &amp; EXPORT OPPORTUNITIES – MAIN HALL</b>					
Chair	: Dr. P.G. Chengappa, Former Vice-Chancellor, UAS Bangalore					
Co-Chair	: Dr. P. Chandrashekara, DG, MANAGE, Hyderabad					
Coordinator	: Dr. V. Govinda Gowda, Sr. Scientist & Head, KVK, Tumkur					
Rapporteurs	: Dr. Tanveer, Scientist, KVK, Chikkaballapura & Ms. Madhumitha, Ph.D. Scholar, UAS Bangalore					
Facilitator	: Ms. Bindu, UAS Bangalore					
Participants	: Agricultural Startups and FPO Members about 50 Participants					
Lead Papers	: 1. Market Led Extension for Promotion of Agri-Exports - <b>Dr. P.G. Chengappa, Former Vice Chancellor, UAS Bangalore</b> 2. Farmer Producer Organizations: A new stakeholder in Indian Agriculture - <b>Dr. E. Vadivel, Project Officer (FPOs), Tamil Nadu – Former DE &amp; Dean, TNAU, Coimbatore</b>					
Panelists	: Dr. T.N. Venkatareddy, Rtd. Professor, UASB, Dr. P. Banthanal, MD, KAPPEC, & Dr. Ravindra, Regional Head, APEDA					
<b>15.30 hrs to 16.30 hrs</b>	<b>BUYERS AND SELLERS MEET</b>					
Chair	: Dr. P. Chandrashekara, DG, MANAGE, Hyderabad					
Co-Chair	: Dr. Siddayya, Coordinator, PPMC, UAS Bangalore					
Coordinator	: Dr. G. Nagesha, Assoc. Professor, CoA, Mandya					
Rapporteur	: Dr. Ranganath, Asst. Professor, IABM, UAS Bangalore & Ms. Bhoomika, PG Scholar, UAS Bangalore					
Facilitator	: Ms. Gopika, PG Scholar, UAS Bangalore					
Panelists	: Dr. T.N. Venkatareddy, Rtd. Professor, UASB, Dr. P. Banthanal, MD, KAPPEC, & Dr. Ravindra, Regional Head, APEDA					
<b>15.30 hrs to 18.30 hrs</b>	<b>CONCURRENT SESSIONS</b>					
<b>DETAILS</b>	<b>THEME 1</b> <i>Secondary agriculture-historical footprints to modern practices and innovations</i>	<b>THEME 2</b> <i>Enterprise diversification for enhancing productivity and farm income</i>	<b>THEME 5</b> <i>Leveraging social media and ICT interventions</i>	<b>THEME 8</b> <i>Gender mainstreaming</i>	<b>THEME 9</b> <i>Farmer Producer Organizations, Commodity Based Organizations and other Governmental Initiatives.</i>	<b>THEME 10</b> <i>Contemporary Issues of Extension Science Relevant to Secondary Agriculture</i>
<b>Venue</b>	<b>Meeting Room 5</b>	<b>Conference Room 1</b>	<b>Meeting Room – 2</b>	<b>Meeting Room 4</b>	<b>Meeting Room 1</b>	<b>Conference Room 2</b>
Chair	Dr. R.R. Burman ADG (Agril. Extension), ICAR, New Delhi	Dr. M.M. Adhikari Former Vice-Chancellor, BCKV, Kalyani.	Dr. N. R. Gangadharappa Former Director of Research UAS Bangalore	Dr. M. Shivamurthy Emeritus Scientist UAS, Bangalore	Dr. S.K. Dubey, Director, ICAR-ATARI Zone III, Kanpur	Dr. V. Venkatasubramanian Director, ICAR-ATARI Bangalore
Co-Chair	Dr. D.J. Raju Former Director EEI, Hyderabad	Dr. S.S. Dolli, Professor of Agril. Extn., UAS, Dharwad	Dr. C. Karthikeyan Professor and Head, Dept. of AERS, TNAU, Coimbatore Dr. Shaik N. Meera, Director, ICAR ATARI. Zone-	Dr. B. Krishnamurthy, Vice-President ISEE, South Zone.	Dr. M.J. Chandregowda, Principal Scientist, ICAR-ATARI, Bangalore	Dr. V. Sudharani Director of Extension, PJ TSAU, Hyderabad

			X, Hyderabad, Telangana			
Lead Paper Presentation	Secondary agriculture - historical footprints to modern practices and innovations <b>Dr. R.R. Burman</b>	Nexus of Farmer led innovations and Agripreneurship for sustainable development and higher farm profitability - <b>Dr. M. S. Nain</b> Principal Scientist, ICAR-IARI, New Delhi	-	Intend behind Gender Mainstreaming in the Indian Context - Rhetoric or Jugglery of Words? <b>Dr. Sujith K. Jha</b> Principal Scientist, Division of Agricultural Extension, ICAR, New Delhi.	Farmers Producer Organizations in Western India: Status, Constraints and Implications - <b>Dr.S.K. Roy</b> ICAR-ATARI, Zone VIII Pune, Maharashtra	Climate Smart Socio-Technical Innovations Bundling to Strengthen Extension Science to Promote Secondary Agriculture <b>Dr. Souvik Gosh</b> <b>Professor and Head</b>
Success Stories on Secondary Agriculture	<b>Dr. G. Kathirvelu</b> ICAR-ATARI, Zone VI Gawahati, Assam	<b>Dr.J.P.Mishra</b> ICAR-ATARI, Zone II Jodhpur, Rajasthan	<b>Dr. Shaik.N. Meera</b> ICAR-ATARI, Zone X Hyderabad, Telengana	<b>Dr.A.K.Mohanty</b> ICAR-ATARI, Zone VII Barapani, Meghalaya	<b>Dr. S.K.Dubey</b> ICAR-ATARI, Zone III Kanpur, UP	<b>Dr. Pradeep Dey</b> ICAR-ATARI, Zone V Kolkotta, West Bengal
Coordinator	Dr. R. Vinay Kumar Asst. Professor, PPMC, UAS Bangalore	Dr. S. Sahana, Assoc. Prof., KSNUAHS	Dr. C.M. Savitha Associate Professor UAS Bangalore	Dr. M.H.Shankar Asst. Professor CoA, Hassan	Dr Gangappagouda Biradar Extension Leader, KSNUAHS	Dr. M.V. Sajeew, Principal Scientist, CIFT, Cochin
Rapporteurs	Mr. Mutteppa Chigadolli, Asst. Prof. CoA, UAS Bangalore Mr. Rajesh, Ph.D. Scholar, UAS Bangalore	Dr. Murthy, Asst. Professor, FIU, UAS Bangalore Dr. Yashashwini, P Asst. Prof. English	Dr. Sanketh, Scientist, KVK Hassan Mr. Abhishek Jadav Ph.D. Scholar UAS Bangalore	Dr. Naveen Kumar, P. Asst. Prof. CoA, Hassan Ms. Pradeepthi, PG Scholar UAS Bangalore	Dr. Suresha, D.K. Scientist, KVK Mandya Mr. Mohan Raj Ph.D. Scholar UAS Bangalore	Dr. Sagar, Scientist, KVK Bengaluru Rural Mr. Shivanandagowda PG Scholar, UAS Bangalore
Facilitator	Ms. Shalini, & Mr. Rakesh Naik PG Scholars, UAS Bangalore	Ms. Chaithra, NR, Ph.D. Scholar, UAS Bangalore Mr. Gajanand, PG Scholar, UAS Bangalore	Ms. Amrutha PG Scholar, UASB Mr. Sameer, PG Scholar, UASB	Mr. Mohith, K. PG Scholar, UASB	Mr. Md. Arif PG Scholar, UASB	Mr. Abhineeth Harthikote PG Scholar, UASB
No. of Oral Presentations	26	28	29	30	30	35
Abstract IDs	A003, A007, A009, A038, A039, A049, A069, A099, A107, A115, A116, A123, A128, A132, A138, A147, A169, A170, A182, A199, A202, A216, A221, A224, A225, A226	A005, A010, A015, A027, A028, A032, A035, A037, A048, A062, A068, A071, A079, A082, A091, A092, A103, A113, A114, A117, A119, A122, A124, A134, A135, A139, A142, A146	A008, A016, A029, A045, A046, A075, A076, A125, A141, A145, A161, A164, A172, A175, A179, A180, A201, A204, A220, A223, A232, A244, A255, A262, A265, A266, A270, A278, A310	A011, A020, A021, A033, A042, A053, A054, A060, A064, A089, A094, A109, A112, A118, A136, A137, A144, A148, A160, A163, A168, A174, A177, A188, A196, A198, A209, A237, A242, A248	A002, A012, A030, A034, A044, A051, A052, A070, A072, A083, A127, A133, A154, A158, A159, A162, A193, A206, A207, A214, A219, A231, A243, A246, A251, A271, A288, A317, A332, A333	A058, A061, A080, A121, A157, A165, A171, A195, A213, A229, A234, A249, A250, A259, A268, A319, A322, A338, A381, A389, A401, A419, A456, A464, A465, A468, A470, A474, A475, A476, A477, A478, A480, A492, A503

**18.30 hrs - 20.30 hrs** : **CULTURAL PROGRAMME - DR. BRP ICC – MAIN HALL**  
**20.30 hrs** : **DINNER : FOOD COURT, DR. BRP INTERNATIONAL CONVENTION CENTRE**

**Day 2: Friday, 23rd June 2023**

**9.15 hrs - 10.45 hrs** : **PLENARY SESSION 2 – MAIN HALL**  
Chair : Prof. V. Veerabhadraiah, Former Director of Extension, UAS Bangalore  
Co-Chairs : Dr. S. Prabhu Kumar, Former Director, ICAR-ATARI, Ludhiana & Bangalore

Coordinator	:	Dr. N.T. Naresh, Sr. Scientist & Head, KVK, Mandya				
Rapporteurs	:	Dr. Yashashwini, M.A, Asst. Professor, Dept. AEX, UAS Bangalore & Ms. Supriya, Scientist, KVK, Chamarajanagara				
Facilitator	:	Ms. Meghana, PG Scholar, Dept. of AEX, UAS Bangalore				
Lead Speakers	:	1. Enterprise diversification for enhanced yield and productivity - <b>Dr. M. B. Chetti</b> , Vice Chancellor, Sanskrit University, Mathura, UP 2. Scaling Innovations and reforms in Agricultural Extension: A way Ahead - <b>Dr. Sadamate</b> , Former Adviser (Agriculture), Planning Commission, GOI. 3. Lecture by <b>Dr. D. K. MISHRA MEMORIAL AWARDEE – 20235</b>				
<b>11.00 hrs – 13.00 hrs</b>		<b>CONCURRENT SESSIONS</b>				
<b>DETAILS</b>	<b>THEME 1</b>	<b>THEME 2</b>	<b>THEME 5</b>	<b>THEME 8</b>	<b>THEME 9</b>	<b>THEME 10</b>
	<i>Secondary agriculture-historical footprints to modern practices and innovations</i>	<i>Enterprise diversification for enhancing productivity and farm income</i>	<i>Leveraging social media and ICT interventions</i>	<i>Gender mainstreaming</i>	<i>Farmer Producer Organizations, Commodity Based Organizations and other Governmental Initiatives.</i>	<i>Contemporary Issues of Extension Science Relevant to Secondary Agriculture</i>
<b>Venue</b>	<b>Meeting Room 5</b>	<b>Conference Room 1</b>	<b>Meeting Room – 2</b>	<b>Meeting Room 4</b>	<b>Meeting Room 1</b>	<b>Conference Room 2</b>
Chair	Dr. Abhijit Kar Director, NISA, Ranchi	Dr. M.M. Adhikari Former Vice-Chancellor, BCKV, Kalyani.	Dr. N. R. Gangadharappa Former Director of Research UAS Bangalore	Dr. M. Shivamurthy Emeritus Scientist UAS, Bangalore	Dr. S.K. Dubey, Director, ICAR-ATARI Zone III, Kanpur	Dr. V. Venkatasubramanian Director, ICAR-ATARI Bangalore
Co-Chair	Dr. Gidda Reddy Former Director of Extension ANGRAU, Hyderabad	Dr. S.S. Dolli, Professor of Agril. Extn., UAS, Dharwad	Dr. C. Karthikeyan Professor and Head, Dept. of AERS, TNAU, Coimbatore	Dr. B. Krishnamurthy, Vice-President ISEE, South Zone.	Dr. M.J. Chandregowda, Principal Scientist, ICAR-ATARI, Bangalore	Dr. V.Sudharani Director of Extension, PJTSAU, Hyderabad
Lead Paper Presentation	-	-	-	Mainstreaming of Women in Agriculture in India: Issues and Strategies - <b>Dr. Sabritha Mishra</b> Principal Scientist ICAR-CIWA, Bhubaneswar	Status of Farmer Producer Organizations (FPOs) in Karnataka <b>Dr. Ashok S. Alur, Vice- Chancellor, Kodagu University</b>	-
Success Stories on Secondary Agriculture	<b>Dr. Parvender Sheoran</b> ICAR-ATARI, Zone I Ludhiana, Punjab	-	<b>Dr. Anjanikumar</b> ICAR-ATARI, Zone IV Patna, Bihar	<b>Dr. SRK Singh</b> ICAR-ATARI, Zone IX Jabalpur, MP	-	<b>Dr. B.T. Rayudu</b> ICAR-ATARI, Zone XI Bangalore, Karnataka
Coordinator	Dr. R. Vinay Kumar Asst. Professor, PPMC, UAS Bangalore	Dr. S. Sahana, Assoc. Prof., KSNUAHS	Dr. C.M. Savitha Associate Professor UAS Bangalore	Dr. M.H.Shankar Asst. Professor CoA, Hassan	Dr Gangappagouda Biradar Extension Leader, KSNUAHS	Dr. M.V. Sajeev, Principal Scientist, CIFT, Cochin
Rapporteurs	Dr. Mutteppa Chigadolli, Asst. Prof. UAS Bangalore Mr. Rajesh, Ph.D. Scholar, UAS Bangalore	Mr. Murthy, Asst. Professor, FIU, UAS Bangalore Dr. Yashashwini, Asst. Prof. English	Dr. Sanketh, Scientist, KVK Hassan Mr. Abhishek Jadav Ph.D. Scholar UAS Bangalore	Dr. Naveen Kumar, P. Asst. Prof. CoA, Hassan Ms.Y.H. Preethi Ph.D. Scholar UAS Bangalore	Dr. Suresha, D.K. Scientist, KVK Mandya Mr. Mohan Raj Ph.D. Scholar UAS Bangalore	Mr. Sagar, Scientist, KVK Bengaluru Rural Mr. Rahul Prasad, Ph.D. Scholar, UAS Bangalore

Facilitator	Ms. Shalini, PG Scholar, UAS Bangalore Mr. Rakesh Naik, PG Scholar, UASB	Ms. N.R. Chaithra Ph.D. Scholar, UAS Bangalore	Ms. Amrutha PG Scholar, UASB Mr. Sameer, D., PG Scholar, UASB	Mr. Mohith, K. PG Scholar, UASB	Mr. Md. Arif PG Scholar, UASB	Mr. Abhineeth Harthikote PG Scholar, UASB				
No. of Oral Presentations	<b>18</b>	24	20	20	21	24				
Abstract IDs	A241, A264, A277, A294, A300, A302, A335, A363, A370, A371, A375, A397, A410, A434, A440, A447, A448, A450	A153, A156, A166, A173, A183, A184, A205, A208, A211, A227, A228, A238, A254, A260, A261, A273, A274, A291, A295, A296, A298, A315, A326, A331	A313, A319, A323, A342, A343, A351, A352, A355, A373, A374, A411, A417, A425, A429, A432, A437, A459, A461, A462, A481	A253, A256, A283, A287, A293, A297, A301, A303, A305, A308, A316, A318, A320, A329, A339, A367, A376, A379, A380, A404	A337, A360, A362, A377, A396, A402, A403, A416, A441, A446, A451, A463, A466, A471, A472, A493, A495, A504, A516, A520, A536	A505, A507, A526, A529, A541, A547, A555, A558, A559, A561, A569, A574, A577, A578, A579, A592, A598, A602, A605, A610, A612, A616, A617, A633				
<b>CONCURRENT SESSIONS</b>										
<b>Venue</b>	<b>Meeting Room 5</b>		<b>Conference Room 1</b>	<b>Meeting Room – 2</b>	<b>Meeting Room 4</b>		<b>Meeting Room 1</b>	<b>Conference Room 2</b>		
Time	13.30 hrs – 16.30 hrs	16.30 hrs – 18.00 hrs	13.30 hrs – 18.00 hrs	13.30 hrs – 18.00 hrs	13.30 hrs – 15.30 hrs	15.30 hrs – 18.00 hrs	13.30 hrs – 16.00 hrs	<b>16.00 to 18.00hrs</b>	13.30 hrs – 16.00 hrs	<b>16.00 to 18.00hrs</b>
<b>DETAILS</b>	<b>THEME 1</b> <i>Secondary agriculture-historical footprints to modern practices and innovations</i>	<b>THEME 4</b> <i>Global good management practices</i>	<b>THEME 2</b> <i>Enterprise diversification for enhancing productivity and farm income</i>	<b>THEME 5</b> <i>Leveraging social media and ICT interventions</i>	<b>THEME 8</b> <i>Gender mainstreaming</i>	<b>THEME 7</b> <i>Entrepreneurs hip Development and Human Resource Development</i>	<b>THEME 3</b> <i>Policy initiatives and institutional role</i>	<b>THEME 9</b> <i>Farmer Producer Organizations, Commodity Based Organizations and other Governmental Initiatives.</i>	<b>THEME 6</b> <i>Innovative Extension methodologies</i>	<b>THEME 10</b> <i>Contemporary Issues of Extension Science Relevant to Secondary Agriculture</i>
Chair(s)	Dr. Abhijit Kar Director NISA, Ranchi	Dr. Sadamatte, Former Adviser (Agriculture), Planning Commission, GOI	Dr. M.M. Adhikari Former Vice- Chancellor, BCKV, Kalyani, WB	Dr. N. R. Gangadharappa Former Director of Research UAS Bangalore	Dr. M. Shivamurthy Emeritus Scientist UAS Bangalore	Dr. N. Nagaraja Former Director of Extension UAS Bangalore	Dr. R.K. Singh ADG (Extension ) ICAR, New Delhi.	Dr. S.K. Dubey, Director, ICAR- ATARI Zone III, Kanpur	Dr. N.S. Shivalinge Gowda Emeritus Professor, UASB & Dr. Dr. Satyapriya, Head & Principal Scientist, ICAR-IARI.	Dr. V. Venkatasub ramanian Director, ICAR-ATARI Bangalore
Co-Chair	Dr. Gidda Reddy	Dr. Vijayabhinanda Director of	Dr. S.S. Dolli, Professor of Agril.	Dr. C. Karthikeyan Professor and Head,	Dr. Krishnamurth	Dr. Bhanu P. Mishra	Dr. Milind Ahire	Dr. M.J. Chandregu	Dr. Souvik Gosh	Dr. V.Sudharani

	Former Director of Extension ANGRAU, Hyderabad	Extension, ANGRAU, Gunturu	Extn., UAS, Dharwad	Dept. of AERS, TNAU, Coimbatore	y, B. Vice-President, ISEE South Zone	Vice-President ISEE Central Zone.	Vice-President, ISEE West Zone	wda, Principal Scientist, ICAR-ATARI, Bangalore	Professor & Former Head, Dept. of Agrl. Extension Institute of Agriculture Visva-Bharati, West Bengal	Director of Extension, PJTSAU, Hyderabad
Lead Paper Presentation	-	Evolving Extension Science Towards Secondary Agriculture for Sustainable Development - <b>Dr. S. K. Singh, Director, IIHR Bangalore</b>	-	-	-		Policy initiatives in Achieving Land Degradation Neutrality – Challenges & Institutional Perspectives <b>Dr. R. K. Singh, ADG (Extn), ICAR Prime Minister Formalization of Micro Food Processing Enterprises (PMFME)</b>		Methodologies in Extension Science: Opportunities and Challenges - <b>Dr. R. N. Padaria, Joint Director (Extn.), ICAR-IARI, New Delhi</b>	-

							Scheme: Experience s of Karnataka - <b>Shri. M. H. Banthanal MD, KAPPEC</b>			
<b>No. of Oral Presentations</b>	<b>25</b>	<b>18</b>	<b>47</b>	<b>31</b>	<b>22</b>	<b>34</b>	<b>31</b>	<b>20</b>	<b>27</b>	<b>25</b>
<b>Abstract IDs</b>	A458, A473, A494, A527, A528, A539, A540, A560, A584, A589, A621, A622, A623, A627, A628, A663, A664, A671, A672, A704, A705, A708, A722, A735, A738	A001, A019, A026, A055, A085, A098, A106, A108, A129, A130, A143, A167, A190, A194, A203, A210, A258, A286	A334, A336, A340, A341, A345, A353, A356, A357, A361, A365, A368, A369, A372, A378, A382, A386, A394, A399, A414, A420, A421, A422, A423, A424, A427, A430, A431, A435, A438, A439, A443, A449, 452, A460, A483, A484, A486, A515, A522, A531, A532, A534, A544, A545, A550, A554, A565	A482, A485, A488, A491, A496, A514, A533, A549, A562, A563, A588, A599, A600, A601, A625, A640, A646, A667, A669, A675, A685, A688, A691, A698, A701, A707, A715, A718, A733	A409, A428, A433, A445, A497, A499, A511, A537, A553, A573, A582, A595, A597, A609, A638, A690, A706, A737, A740, A741, A746, A748	A006, A017, A024, A025, A040, A043, A047, A050, A057, A067, A084, A088, A090, A119, A126, A151, A189, A191, A192, A217, A235, A245, A257, A263, A269, A279, A282, A284, A285, A292, A299, A304, A321, A330	A022, A041, A059, A063, A074, A081, A086, A093, A096, A100, A101, A102, A105, A110, A111, A131, A150, A181, A186, A187, A230, A233, A236, A247, A252, A267, A272, A275, A281, A289, A311	A551, A556, A568, A570, A586, A590, A594, A604, A631, A636, A649, A676, A679, A682, A687, A713, A721, A734, A758, A761	A004, A013, A018, A031, A036, A056, A065, A066, A077, A078, A087, A095, A140, A152, A176, A185, A197, A200, A212, A218, A222, A239, A276, A306, A327, A346, A347	A653, A657, A678, A725, A726, A729, A736, A665, A666, A751, A754, A756, A757, A760, A762, A763, A764, A765, A766, A767, A768, A771, A772, A776, A777
Coordinator	Dr. R. Vinay Kumar Asst. Professor, PPMC, UAS Bangalore	Dr. M.V. Srinivasareddy, Associate Professor, CoS, Chintamani	Dr. S. Sahana, Assoc. Prof., KSNUAHS	Dr. C.M. Savitha Associate Professor UAS Bangalore	Dr. M.H.Shankar Asst. Professor CoA, Hassan	Dr. S. Subhash, Scientist, NDRI-Adugodi, Bangalore	Dr. Vinay Kumar, HM Asst. Professor UAHS, Shivamogg a	Dr Gangappa gouda Biradar Extension Leader, KSNUAHS	Dr. A.D. Ranganatha Professor of Agril. Extn. CoA, Mandya	Dr. M.V. Sajeev, Principal Scientist, CIFT, Cochin
Rapporteurs	Dr. Mutteppa Chigadolli, Asst. Prof. UAS Bangalore Mr. Rajesh, Ph.D. Scholar, UAS Bangalore	Mr. B.M. Dharmaraj Ph.D. Scholar UAS Bangalore Ms. Denichwa, PhD Scholar, UAS, Bangalore	Dr. Murthy, Asst. Professor, FIU, UAS Bangalore Dr. Yashashwini, Asst. Prof. English	Dr. Sanketh, Scientist, KVK Hassan Mr. Abhishek Jadav Ph.D. Scholar UAS Bangalore	Dr. Naveen Kumar, P. Asst. Prof. CoA, Hassan Ms.Y.H. Preethi Ph.D. Scholar UAS Bangalore	Dr. Gopal, Asst. Prof. UASB Mr. Sandeep, Ph.D. Scholar, UASB	Ms. Lakshmi Muralikris hna Ph.D. Scholar UASB Ms. Shalini, PG Scholar, UASB	Dr. Suresha, D.K. Scientist, KVK Mandya Mr. Mohan Raj Ph.D. Scholar UAS	Ms. Harshitha, Asst.Prof. UASB Mr. K.N. Manohar Ph.D. Scholar, UAS Bangalore	Mr. Sagar, Scientist, KVK Bengaluru Rural Mr. Rahul Prasad, Ph.D. Scholar, UAS Bangalore



								Bangalore		
Facilitator	Ms. Shalini, PG Scholar, UAS Bangalore	Ms. Chandana, L., Ph.D. Scholar, UAS Bangalore	Ms. N.R. Chaithra Ph.D. Scholar, UAS Bangalore	Ms. Amrutha PG Scholar, UASB Mr. Sameer, PG Scholar, UASB	Mr. Mohith, K. PG Scholar, UASB	Ms. Anusha Veera, PG Scholar, UASB	Mr. P. Raghavendra PG Scholar UAS Bangalore	Mr. Md. Arif PG Scholar, UASB	Mr. Felix Nikhith Kumar Ph.D. Scholar UAS Bangalore	Mr. Abhineeth Harthikote PG Scholar, UASB
<b>18.00 hrs to 19.00 hrs</b>	:	<b>ISEE General Body Meeting - Dr. BRP ICC – Main Hall</b>								
<b>19.30 hrs</b>	:	<b>Dinner (OFF CAMPUS)</b>								

## Day 3: Saturday, 24<sup>th</sup> June 2023

<b>9.30 hrs - 10.30 hrs</b>	<b>:</b>	<b>PLENARY SESSION 3 - MAIN HALL</b>
Chair	:	Dr. G. Eswarappa, President, ISEE (KC), Bangalore
Co-Chairs	:	Dr. Basavaprabhu Jirli, Director, Centre for Multi-disciplinary Development Research, Dharwad
<b>Lead Speakers</b>	:	1. Secondary Agriculture – A review on the Processing Stage and its Concerns – <b>Dr. C. Vasudevappa, Former Vice-Chancellor, KSNUAHS, Shivamogga &amp; NIFTEM, Sonipet, Haryana.</b> 2. Creating business opportunities in food processing through value addition by technological interventions - <b>Dr. Sridevi Anupama Singh, Director, CFTRI, Mysore</b> 3. Scaling Secondary Agriculture to meet UN-Sustainable Development Goals (UN-SDGs) - <b>Dr. K.D. Kokate, Former DDG (AE), ICAR, New Delhi</b> 4. Entrepreneurial Behaviour and Farmer Led Innovations for Maximising Farm Profits - <b>Dr. Rashmi Singh, Principal Scientist, ICAR-IARI, New Delhi</b>
Coordinator	:	Dr. Amaresh Kumar, Professor & Head, CoH, Hiriyyur
Rapporteurs	:	Dr. Sowjanya, Scientist, KVK, Ramanagera & Mr. Mohd. Arif, PG Scholar, UAS Bangalore
Facilitator	:	Ms. Sreeleela Yekula, PG Scholar, UAS Bangalore & Mr. Puneeth, PG Scholar, UAS Bangalore

### CONCURRENT SESSIONS

Venue	Meeting Room 5	Conference Room 1	Meeting Room 4	Meeting Room 1	Conference Room 2
Time	10.30 hrs – 13.30 hrs	10.30 hrs – 13.30 hrs	10.30 hrs – 13.30 hrs	10.30 hrs – 13.30 hrs	10.30 hrs – 13.30 hrs
<b>DETAILS</b>	<b>THEME 4</b> <i>Global good management practices</i>	<b>THEME 2</b> <i>Enterprise diversification for enhancing productivity and farm income</i>	<b>THEME 7</b> <i>Entrepreneurship Development and Human Resource Development</i>	<b>THEME 3</b> <i>Policy initiatives and institutional role</i>	<b>THEME 6</b> <i>Innovative Extension Science methodologies</i>
Chair(s)	Dr. Sadamatte, Former Adviser (Agriculture), Planning Commission, GOI	Dr. M.M. Adhikari Former Vice-Chancellor, BCKV, Kalyani, WB	Dr. N. Nagaraja Former Director of Extension UAS Bangalore	Dr. V.L. Madhuprasad, Director of Extension, UAS, Bangalore	Dr. N.S. Shivalinge Gowda Emeritus Professor, UASB & Dr. Dr. Satyapriya, Head & Principal Scientist, ICAR-IARI.
Co-Chair	Dr. Vijayabhinanda Director of Extension, ANGRAU Gunturu	Dr. S.S. Dolli, Professor of Agril. Extn., UAS, Dharwad	Dr. Bhanu P. Mishra Vice-President ISEE Central Zone.	Dr. Milind Ahire Vice-President ISEE West Zone	Dr. Souvik Gosh Professor & Former Head, Dept. of Agril. Extension Institute of Agriculture Visva-Bharati, West Bengal
Coordinator	Dr. M.V. Srinivasareddy Associate Professor, CoS, Chintamani	Dr. S. Sahana, Assoc. Prof., KSNUAHS	Dr. S. Subhash, Scientist, NDRI-Adugodi, Bangalore	Dr. Vinay Kumar, HM Asst. Professor UAHS, Shivamogga	Dr. A.D. Ranganatha Professor of Agril. Extn. CoA, Mandya
Rapporteurs	Dr. Sanketh, Scientist, KVK Hassan, UASB Mr. B.M. Dharmaraj Ph.D. Scholar UAS Bangalore	Dr. Murthy, Asst. Professor, FIU, UAS Bangalore Dr. Yashashwini, P. Asst. Prof. English	Dr. Gopal, Asst. Prof. UASB Mr. Sandeep, Ph.D. Scholar, UASB	Dr. H.K. Pankaja, Asst. Prof. UASB Ms. Shalini, PG Scholar, UAS, Bangalore	Ms. Harshitha, Asst. Prof. UASB Mr. K.N. Manohar Ph.D. Scholar, UAS Bangalore
Facilitator	Ms. L. Chandana	Ms. N.R. Chaithra	Ms. Veera Anusha, PG Scholar, UASB	Mr. P. Raghavendra	Mr. Felix Nikhith Kumar

	Ph.D. Scholar UAS Bangalore	Ph.D. Scholar, UAS Bangalore		PG Scholar UAS Bangalore	Ph.D. Scholar UAS Bangalore
<b>No. of Oral Presentations</b>	<b>26</b>	<b>30</b>	<b>34</b>	<b>30</b>	<b>34</b>
Abstract IDs	A307, A309, A344, A364, A385, A398, A442, A489, A490, A498, A508, A510, A518, A571, A575, A576, A580, A581, A619, A648, A650, A702, A743, A744, A749, A750	A566, A591, A603, A614, A620, A629, A630, A634, A637, A643, A651, A661, A668, A677, A683, A700, A711, A714, A717, A720, A739, A745, A747, A752, A753, A755, A759, A773, A774, A775	A348, A359, A384, A388, A390, A395, A396, A406, A415, A454, A469, A500, A502, A509, A512, A530, A538, A542, A583, A585, A593, A596, A618, A626, A680, A684, A689, A694, A709, A710, A724, A728, A742, A632	A312, A314, A324, A325, A328, A349, A366, A400, A405, A408, A487, A506, A521, A523, A524, A535, A543, A546, A548, A552, A572, A642, A658, A673, A686, A695, A712, A730, A769, A606	A350, A354, A358, A383, A387, A391, A393, A407, A412, A413, A418, A485, A426, A436, A453, A455, A457, A460, A501, A517, A525, A564, A567, A587, A635, A645, A656, A660, A670, A681, A716, A719, A723, A770
<b>15.00 hrs to 15.45 hrs</b>	<b>:</b>	<b>PLENARY CUM PANEL DISCUSSION SESSION – MAIN HALL</b>			
Presentation of Recommendations		All Plenary & Technical Sessions			
Chair	:	Dr. S.V. Suresha, Vice-Chancellor, UAS, Bangalore.			
Co-Chair		Dr. N.B. Prakash, Dean (Agri.), CoA, GKVK, UAS, Bangalore			
Panelists	:	<b>Vice-Chancellors with Extension Specialization (Dr. S.V. Suresha, Dr. K.C. Veeranna &amp; Dr. P.Das)</b>			
Coordinator	:	Dr. C. Narayanaswamy, S.O to Dean (Agri.), CoA, GKVK			
Rapporteurs	:	Mr. Sagar, Scientist, KVK, Bangalore Rural & Ms. Latha R. Hosangadi PG Scholar, UASB			
Facilitator	:	Ms. Amrutha Basavaraj, PG Scholar, UAS Bangalore			
<b>15.45 hrs to 17.45 hrs</b>	<b>:</b>	<b>VALEDICTORY SESSION – MAIN HALL</b>			
Welcome	:	Dr. G. Eswarappa, President, Indian Society of Extension Education (KC)			
Chief Guest & Valedictory Address	:	Dr. Himanshu Pathak, DG, ICAR			
Guests of Honour	:	Shri. Krishnabyregowda, Hon'ble Minister for Revenue, Govt. of Karnataka Shri. Cheluvaryaswamy, Hon'ble Minister for Agriculture, Govt. of Karnataka Dr. U.S. Gautam, DDG Extension, ICAR, New Delhi.			
Seminar Recommendations	:	Dr. Ganesamoorthi, S. Co-organizing Secretary, ISEE National Seminar 2023			
Awards Presentation	:	Dignitaries			
Presidential Address	:	Dr. S.V. Suresha, Vice-Chancellor, UAS(B)			
Vote of Thanks	:	Dr. Y.N. Shivalingaiah, Organizing Secretary, ISEE National Seminar 2023			
Coordinator(s)	:	Dr. K.H. Nagaraju, Editor, UAS Bangalore			
Rapporteurs	:	Mr. Prahlad Bhat, Ph.D. Scholar, UAS Bangalore & Mr. Shashank L. Reddy, Ph.D. Scholar, UAS Bangalore			
Facilitator	:	Mr. Jagadish, PG Scholar, UAS Bangalore			

## HALLWISE ALLOCATION OF THEMES AND PAPERS OF ISEE NATIONAL SEMINAR 2023

Date	Main Hall	CONCURRENT SESSION					
		Meeting Room 1	Meeting Room 2	Meeting Room 4	Meeting Room 5	Conference Room 1	Conference Room 2
		Theme No & No. of Papers (Timings)					
Day 1 <b>Thursday</b> 22.06.23	<b>Registration</b> (8.30-10.30) <b>Inaugural Programme</b> (10.30-12.15) <b>Key Note -2 Papers</b> (12.30-13.15) <b>Plenary 1 – 3 Lead Papers</b> (13.15-14.00) <b>Panel Discussion – 2 Lead Papers</b> (14.30-15.30) <b>Buyers Sellers Meet – Concurrent Session</b> (15.30-16.30) <b>Cultural Programme</b> (18.30-20.30)	<b>Theme9-30</b> (15.30-18.30)	<b>Theme5-29</b> (15.30-18.30)	<b>Theme8-30</b> (15.30-18.30)	<b>Theme1-26</b> (15.30-18.30)	<b>Theme2-28</b> (15.30-18.30)	<b>Theme10-35</b> (15.30-18.30)
Day 2 <b>Friday</b> 23.06.23	<b>Plenary 2 – 5 Lead Papers</b> (9.30-10.45 ) <b>ISEE General Body Meeting</b> (18.00-19.00) <b>Dinner</b>	<b>Theme9-21</b> (11-00- 13.00)	<b>Theme5-20</b> (11-00- 13.00)	<b>Theme8-20</b> (11-00- 13.00)	<b>Theme1-18</b> (11-00- 13.00)	<b>Theme2-24</b> (11-00- 13.00)	<b>Theme10-24</b> (11-00- 13.00)
		<b>Theme3-31</b> (13.30-16.00)	<b>Theme5-31</b> (13.30-16.30)	<b>Theme8-22</b> (13.30-15.30)	<b>Theme1-25</b> (13.30-16.30)	<b>Theme2-47</b> (13.30-16.30)	<b>Theme6-27</b> 13.30-16.00
		<b>Theme9-20</b> (16.00-18.00)		<b>Theme7-34</b> (15.30-18.00)	<b>Theme4-18</b> (16.30-18.00)		<b>Theme10-25</b> (16.00-18.00)
Day 3 <b>Saturday</b> 24.06.23	<b>Plenary 3 – 3 Lead Papers</b> (9.30-10.30) <b>Plenary 4 Cum Panel Discussion</b> (15.00-15.45) <b>Valedictory</b> (15.45-17.45)	<b>Theme3-30</b> (10.30-13.30)	-	<b>Theme7-34</b> (10.30-13.30)	<b>Theme4-26</b> (10.30-13.30)	<b>Theme2-30</b> (10.30-13.30)	<b>Theme6-34</b> (10.30-13.30)

## POSTER & EXHIBITION

<b>9.00 AM - 6.00 PM</b>	<b>:</b>	<b>Posters - 72</b>
Venue	:	<b>Dr. Babu Rajendra Prasad International Convention Centre – First Floor</b>
Chair	:	Dr. D.M. Chandargi, Former DE, UAS Raichur
Co-Chair	:	Dr. B.N. Manjunatha, Former Head, ATIC, UAS Bangalore
Coordinators	:	Dr. N. Manjula, Associate Professor, CoA, Chintamani, Dr. Shwetha, Asst. Professor, UAHS, CoH, GKVK & Dr. Y.M. Gopal, Asst. Professor, Dept. of AEX, UAS Bangalore
Rapporteurs	:	Mr. Thirumal, Ph.D. Scholar, UAS Bangalore & Ms. Sampraja Bandi, Ph.D. Scholar, UAS Bangalore
Facilitator	:	Mr. Amar, MI & Mr. Chetan Kumar, PG Scholars, UAS, Bangalore
Posters	:	A132, A370, A671, A708, A032, A113, A156, A357, A361, A378, A421, A424, A643, A651, A677, A683, A700, A714, A041, A658, A673, A712, A085, A106, A442, A650, A702, A141, A145, A164, A172, A342, A640, A675, A685, A701, A018, A036, A176, A453, A645, A656, A681, A719, A017, A040, A189, A235, A359, A684, A089, A118, A136, A144, A177, A196, A445, A690, A044, A158, A159, A360, A362, A676, A679, A682, A157, A165, A171, A653, A657, A726
<b>9.00 AM - 6.00 PM</b>	<b>:</b>	<b>Exhibition Stalls - 30</b>
Venue	:	<b>Dr. Babu Rajendra Prasad International Convention Centre – Ground Floor</b>
Chair	:	Dr. K. Geetha, Professor & Scheme Head, AICRP on Women in Agri., UAS Bangalore
Co-Chair	:	Dr. K.G. Vijayalakshmi, Professor & Head, Dept. of FSN, UAS Bangalore
Coordinators	:	Dr. Savitha S. Mangannavar, Coordinator, Bakery Training Unit, UAS Bangalore & Dr. Ashok Doddamani, Asst. Professor, DE's Office, UAS Bangalore
Rapporteurs	:	Mr. Sangannagouda Biradar, PG Scholar, UAS Bangalore & Ms. Gunashree, Ph.D. Scholar, UAS Bangalore
Facilitator	:	Mr. Bharath, V., & Mr. Deepak Raj, PG Scholar, UAS Bangalore
Exhibits	:	