

Proceedings

GLOBAL CONFERENCE

8 -10 March 2025

Innovations to Impact:

Gender Transformative
Approach for
Sustainable
Agri-food System

Venue

ICAR-Central Institute for Women in
Agriculture (ICAR-CIWA)
Bhubaneswar, India



Co-Sponsors



Organizers

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Bhubaneswar, India

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GLOBAL CONFERENCE

**INNOVATIONS TO IMPACT: GENDER TRANSFORMATIVE APPROACH FOR
SUSTAINABLE AGRI-FOOD SYSTEM**

AT

ICAR-CIWA, BHUBANESWAR, INDIA

DURING 08-10 MARCH 2025

Proceedings



Organizers

**ICAR-Central Institute For Women in Agriculture (CIWA),
Bhubaneswar, India**

&

**Research Association for Gender in Agriculture,
Bhubaneswar, India**

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**Global Conference
on
Innovations to Impact: Gender Transformative Approach for
Sustainable Agri-food System
at
ICAR-Central Institute for Women in Agriculture (CIWA),
Bhubaneswar, India
during 08-10 March 2025**

Proceedings

**Compiled and Edited by
Dr. Mridula Devi
&
Dr. Sukanta Kumar Sarangi**



**Organizers:
ICAR-Central Institute for Women in Agriculture (CIWA),
Bhubaneswar, India
&
Research Association for Gender in Agriculture, Bhubaneswar, India**

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FOREWORD

Globally women are the backbone of agri-food systems, comprising 38 percent of all agricultural workforce in crop, livestock, fisheries and forestry production (FAO, 2023). Global agricultural perspectives are undergoing rapid transformation in the context of climate change, population explosion and societal circumstances. Recognizing and mainstreaming the significant contribution of women in the agriculture sector has immense potential for brining sustainability to agri-food system. There is every likelihood of increase in overall development of rural families if due consideration is given to develop gender sensitive agricultural technologies, inculcating innovations in the extension as well as development models.

FAO (2023) estimates that closing the gender and wage gap in agri-food system employment would increase global gross domestic product by 1 per cent (nearly USD 1 trillion) and this would reduce global food insecurity by about 2 percentage points, reducing the number of food-insecure people by 45 million. Therefore, interventions must be designed to close gender inequalities and empower women and, when possible, should use transformative approaches at community and national level to address discriminatory gender norms and attitudes. Thrust on innovative technological backup for empowerment of women in agriculture through gender-friendly techniques and practices, drudgery reduction, linking women to markets, food and nutritional security, and access to resources, policies and services are essential. Climate change adaptations strategies should focus on research for gender smart climate resilient practices, participatory contingent action plan and smart extension delivery. Development of models for gender mainstreaming in crop production, horticulture, livestock management, fisheries and extension education could be achieved through collaborative research involving government institutions, agricultural universities, development departments, Krishi Vigyan Kendras and non-government organizations. Focus on gender specific database and training modules for farm women, promoting vocational skills, micro-enterprises and entrepreneurship development would empower women in agriculture and reduce the gender gap in agriculture to ensure gender equality and increase food security.

Therefore, organization of the Global Conference on Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food System at ICAR-Central Institute for Women in Agriculture ICAR-CIWA), Bhubaneswar, India during 08-10 March 2025 provided an ideal platform to deliberate, exchange knowledge and experiences, and derive the ways to mitigate the issues and challenges faced by women farmers, and suggest strategies to bridge the gender gap for sustainable agri-food system. The Conference intended to contribute towards the Empowerment of Women for Sustainable Agri-food System and Revitalize Gender Equity Endeavours to Strengthen Gender Transformative Approach in Agri-food Systems.

Invited and contributory papers were invited under six major thematic areas namely, Gender issues and policy support in agriculture; Gender-responsive agricultural production practices; Agri-innovations for Women in Agribusiness; Women in Climate Resilience and Natural Resource Conservation; Institutional Innovations and Women-Agripreneurship and Gender-transformative approaches in agriculture. It is gratifying to note that the response to the call for papers was overwhelming with about 300 abstracts received from different countries. These papers were presented in different technical sessions as well as poster sessions to facilitate

sharing of research findings and experiences. Besides, oral and poster sessions, plenary sessions were also conducted to develop a framework for action on Engendering Agricultural Research, Education and Extension. Special technical sessions are also held to boost policy dialogue and advocacy on women in agriculture and other related issues. The salient recommendations from each session were presented in valedictory session.

It is a great honour to us and other stakeholders that Sh. Shivraj Singh Chouhan Ji, Hon'ble Minister of Agriculture and Farmers Welfare, Govt. of India, New Delhi, India graced the Inaugural Function of the Conference and transforming the Global Conference into a historical event.

Sincere thanks are due to Shri Devesh Chaturvedi Ji, Hon'ble Secretary (DARE) and Director General (ICAR) for his whole hearted support and guidance. We convey our heartfelt gratitude to Hon'ble Dr. R.C. Agarwal, Deputy Director General (Agril. Education), ICAR, New Delhi for his guidance and mentorship for organizing this mega event. Thanks to Dr. Praveen Kumar Singh, Hon'ble Commissioner Agriculture, Ministry of Agriculture & Farmers Welfare for gracing the inaugural program. Our special thanks to Dr. Bimlesh Mann, Hon'ble ADG (EP & HS), ICAR, New Delhi for her constant support and encouragement for organizing this Conference.

We acknowledge the esteemed presence and contributions of Dr. B. Neerja Prabhakar, Former Vice Chancellor, SKLTSHU, Telangana, for her dedication to agricultural research and gender empowerment. Gratitude to Dr. Anuradha Agrawal, Director, DKMA, ICAR, for addressing in the inaugural programme.

On behalf of ICAR-CIWA and RAGA, we extend sincere gratitude to all our national as well as international partners namely; National Dairy Development Board (NDDB), The Odisha State Cooperative Milk Producers Federation (OMFED), Food and Agriculture Organization of the United Nations (India Country Office), UN Women (India Country Office) and World Food Programme (India Country Office) for their partnership in organization of this Conference.

Special appreciation is extended to all the Chair, Co-Chair and Members of various Committees for their committed involvement in planning and organizing this Conference. We appreciate the Scientists and Staff of ICAR-CIWA and Agricultural Education Division of ICAR for their support in planning and organizing this Conference. We complement the intellectual sharing of all the learned participants and delegates from India and abroad. We welcome all of them to join hands in making the Conference outcomes meaningful and pragmatic for policy development and strategic planning.

We extend warm wishes for a very happy stay and fruitful interaction during the Conference to all the delegates.

Programme Core Team

Background

Globally women are the backbone of agri-food systems, comprising 38 percent of all agricultural workforce in crop, livestock, fisheries and forestry production (FAO, 2023). Their participation in agricultural production and post-production activities changes over time with economic growth and development, but their issues and associated outcomes continue to be directly influenced by prevailing and systemic gender inequalities in the societies. Women's access to essential assets and resources in agri-food systems - such as land, inputs, services, finance and digital technology - continues to lag behind that of their male counterparts. Women engaged in wage employment in agriculture earn 82 cents for every dollar that men earn. This disparity is further exacerbated by the limited decision-making power of women.

FAO (2023) estimates that closing the gender and wage gap in agri-food system employment would increase global gross domestic product by 1 per cent (nearly USD 1 trillion) and this would reduce global food insecurity by about 2 percentage points, reducing the number of food-insecure people by 45 million. Therefore, interventions must be designed to close gender inequalities and empower women and, when possible, should use transformative approaches at community and national level to address discriminatory gender norms and attitudes.

The global community is increasingly recognizing and committing to achieve more sustainable agricultural growth through national, regional and global initiatives and partnerships addressing gender issues in agriculture and allied sector. There is also a greater convergence of initiatives undertaken by international organizations such as UN Women, Food and Agriculture Organization of the United Nations (FAO), World Food Programs, Global Forum on Agricultural Research (GFAR), Consortium of International Agricultural Research Centers (CGIAR) and many National Agricultural Research Systems (NARS). Against this backdrop, a Global Conference on Innovations to Impact: Gender transformative approach for sustainable agri-food system is organized.

The Conference aims at bringing about 500 numbers of participants of diverse back ground including the policy makers, researchers, and academia from different countries covering Asia, Australia, America and Europe. This platform also ensure participation of significant numbers of farmers including women farmers, innovators, entrepreneurs, industries, members of social institutions and other stakeholders to deliberate, exchange their knowledge and experiences, and derive the ways to mitigate the issues and challenges faced by women farmers, and strategies to bridge the gender gap for sustainable agri-food system. The Conference intends to contribute towards the Empowerment of Women for Sustainable Agri-food System and Revitalize Gender Equity Endeavours to Strengthen Gender Transformative Approach in Agri-food Systems.

Objectives

To deliberate the emerging gender issues and policy support in agriculture and allied sectors for sustainable livelihood of farm families. To exchange the knowledge and experiences on enhancing role of women farmers in sustainable agri-food systems through innovative women-friendly technologies. To discuss the gender transformative approaches adopted by international, regional and national agencies for sustainable agri-food systems.

Conference Themes

The conference covered six important theme areas covering Gender issues and policy support in agriculture; Gender-responsive agricultural production practices; Agri-innovations for Women in Agri-business; Women in Climate Resilience and Natural Resource Conservation; Institutional Innovations and Women-Agri-preneurship and Gender-transformative approaches in agriculture. The details of themes and sub-themes are given below.

Theme 1: Gender issues and policy support in agriculture

- Socio-cultural lens on women in agriculture
- Gender gaps in access to land ownership and tenure security, resources and services
- Intersectionality in agricultural policies, exploring how intersecting factors such as age, disability and ethnicity affect women's experiences in agriculture
- Emerging gender issues and policy support in agriculture and allied sectors
- Gender gap in agricultural education, research and extension
- Women and rural migration

Theme 2: Gender-responsive agricultural production practices

- Gender-responsive practices in crop & horticulture sector
- Gender-responsive practices in Animal Husbandry, fisheries & aquaculture
- Nutrition-sensitive agricultural production fostering nutrition and health
- Integrated farming systems for sustainable agri-food systems
- Organic farming and women's empowerment
- Impact of climate change on women farmers and the need for gender-responsive adaptation strategies

Theme 3: Agri-innovations for Women in Agribusiness

- Access to technology, digital literacy and engagement of women with agri-tech innovations
- Technological innovations in gender-friendly tools & equipment
- Post-harvest processing and value addition for profitable agriculture
- Drudgery and occupational health hazards among farm women
- Application of digital technologies for smart agriculture

Theme 4: Women in Climate Resilience and Natural Resource Conservation

- Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management

- Women-friendly technological and adaptive solutions to climate change
- Climate-smart integrated farming systems

Theme 5: Institutional Innovations and Women-Agripreneurship

- Women farmer collectives, producer groups and she-preneurship
- Innovative women-led start-ups
- Women inclusive sustainable food value chain system
- Smart marketing approaches for sustaining women entrepreneurs
- Women farmer's access to financial services and products
- Policy and regulatory frameworks focusing on the need for policy reforms to support women agripreneurs and their access to markets and resources

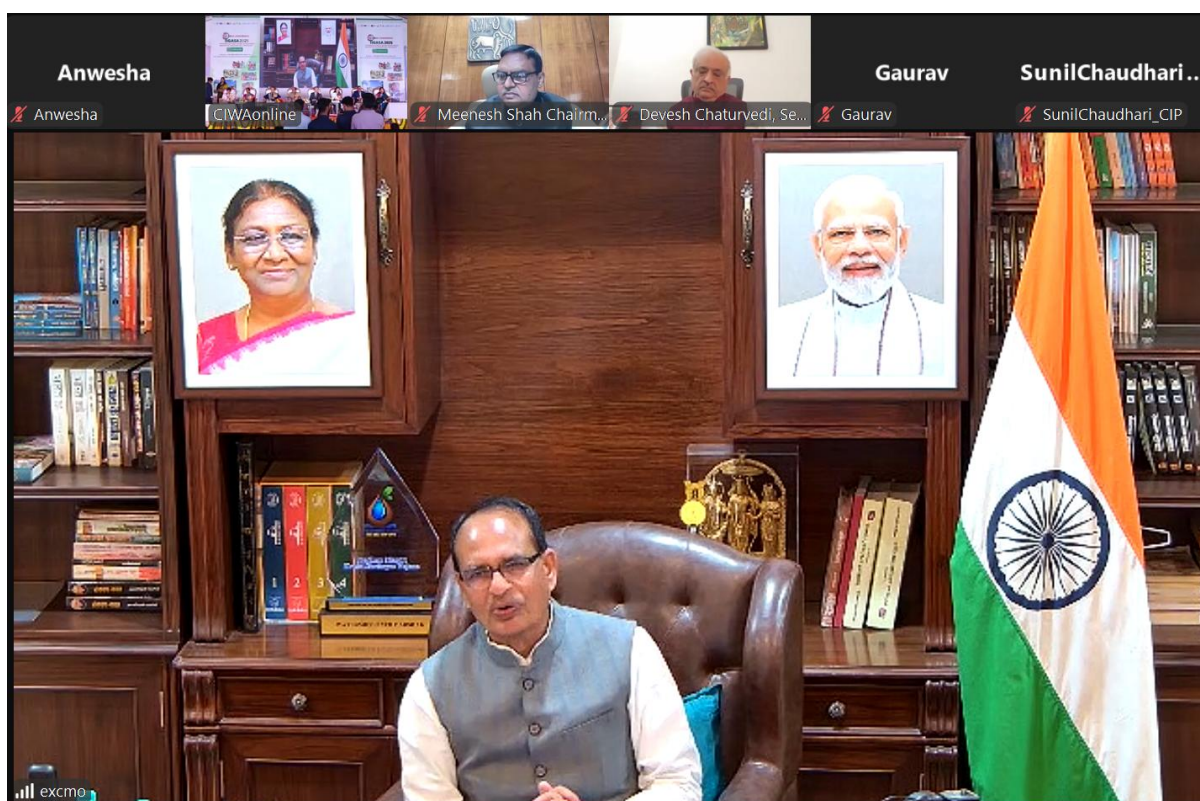
Theme 6: Gender-transformative approaches in agriculture

- Gender-responsive budgeting and financing in agriculture
- Gender-transformative approaches for empowering women farmers
- Strengthening extension system for women farmers
- Women leadership in agri-food system
- Gender norms and equality

Inaugural Programme

Inaugural Programme

The Global Conference was inaugurated on 08 March 2025 by the Hon'ble Chief Guest, Shri Shivraj Singh Chouhan Ji, Hon'ble Union Minister of Agriculture and Farmers Welfare, Government of India. Shri Devesh Chaturvedi Ji, Hon'ble Secretary (DARE) and Director General (ICAR), Dr. Meenesh Shah, Hon'ble Chairman & Managing Director, National Dairy Development Board, Dr. R. C. Agrawal, Hon'ble Dy. Director General (Agri. Education), ICAR, Mr. Takayuki Hagiwara, Country Representative, FAO-IN, Ms. Nozomi Hashimoto, Deputy Country Director, United Nations World Food Programme, Dr. Praveen Kumar Singh, Hon'ble Commissioner Agriculture, Ministry of Agriculture & Farmers Welfare, Government of India, Dr. B. Neerja Prabhakar, Former Vice Chancellor, SKLTSU, Telangana, Prof. Aldas Janaiah, Vice Chancellor, Professor Jayashankar Telangana Agricultural University, Hyderabad, Telangana, India and Dr. Anuradha Agrawal, Director, DKMA, ICAR graced in this programme.



Inauguration of Global Conference by Shri Shivraj Singh Chouhan Ji, Hon'ble Union Minister of Agriculture & Farmers Welfare and Rural Development, GoI

The Global Conference on '*Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food Systems*' was jointly organized in hybrid mode by ICAR-Central Institute for Women in Agriculture, Bhubaneswar and Research Association for Gender in Agriculture (RAGA), Bhubaneswar at ICAR-CIWA with support from National Dairy Development Board, Food and Agriculture Organization of the United Nations, UN Women,

World Food Programme during 08 to 10 March 2025. The conference was inaugurated on 08 March 2025 by Shri Shivraj Singh Chouhan Ji, Hon'ble Union Minister of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India as Chief Guest and inspired the delegates through online mode. He highlighted the immense contribution of women in agriculture especially in natural farming, women friendly agricultural technologies, digital literacy and emphasized upon different women centric schemes like Krishi Shakhi, Drone Shakhi, Pashu Sakhi etc. and skill based scientific training for bringing gender equity and empowering women farmers. The Hon'ble Minister congratulates all the participants in the occasion of International Women Day and highlighted that women are the backbone of agriculture and are contributing in every domain in agriculture and allied sectors. He also emphasized on scientific training and capacity building programs which can help in bringing gender equality. During the event, the 'Sashakti' Museum, dedicated to Women in Agriculture at ICAR-CIWA, was inaugurated by Shri Shivraj Singh Chouhan Ji, Hon'ble Union Minister of Agriculture and Farmers Welfare. On the occasion, Cow-dung Slurry based Organic Bio-Fertilizers of Sundarban Cooperative Milk & Livestock Producers' Union Ltd. (Sundarini Naturals) developed under the guidance of NDDDB were also launched by the Hon'ble Minister.



Inauguration of 'Sashakti' Museum of ICAR-CIWA by Hon'ble Union Minister Shri Shivraj Singh Chouhan Ji, during the Global Conference on the Occasion of

Shri Devesh Chaturvedi (IAS), Secretary DA&FW and DARE, MoA&FW, GoI, emphasized the importance of enabling environment for women in agriculture through education, capacity-building, and access to digital tools. These actions will not only increase women's participation but also drive broader socio-economic development within rural communities.

Dr. Himanshu Pathak, Hon'ble Director General, ICRISAT, Hyderabad, India emphasized on the challenges of Agri-food system and role of the women farmers in Indian agriculture. He also underlined the need to address gender issues in agriculture and allied sectors for adaptation to climate change at regional, national, and global scales. He suggested to highlight the success stories of successful women in all platforms for greater percolation at the ground level.

The contributions of women farmers to agriculture and allied sectors were recognized by felicitating successful women farmers Dr. R.C. Agrawal, Hon'ble Dy. Director General, (Agriculture Education), Indian Council of Agricultural Research, New Delhi in the inaugural session. In his speech, Dr. Agrawal emphasized the significance of gender equity and gender transformative approaches in technology development and dissemination to secure a sustainable agri-food system in the changing climate scenario. He congratulates the role of ICAR-CIWA in women empowerment and also appreciated the efforts made by ICAR-CIWA in organizing such programmes.

Dr. Meenesh Shah, Chairman & Managing Director, National Dairy Development Board, Anand, Gujarat, India highlighted the importance of women in Dairy sectors and about promotion of women dairy cooperatives for financial security.

Mr. Takayuki Hagiwara, Country Representative, FAO, India Country Office, New Delhi in his speech emphasized women' role in realizing the food security and gender transformative approach is crucial in achieving it. Ms. Nozomi Hashimoto, Dy. Country Director, United Nations World Food Programme, India Country Office stated that access to technology, resources and finance and engagement of women with agri-tech innovations are the need of the hour to transform the Indian agriculture.

Dr. Praveen Kumar Singh, Hon'ble Agriculture Commissioner Department of Agriculture & Farmers Welfare, New Delhi wished that this conference will provide a platform to achieve sustainable development goals by addressing the several challenges and institutional bottlenecks. Prof. Aldas Janaiah, Vice Chancellor, Professor Jayashankar Telangana Agricultural University, Hyderabad, Telangana, India, emphasized the need for gender equity

to achieve sustainable agricultural development. He pointed out that women farmers are the main conservators of biodiversity, therefore, they should be recognized and rewarded.

Dr. Neerja Prabhakar, former Vice Chancellor, Sri Konda Laxman Telangana State Horticultural University, Telangana, India, highlighted the importance of diverse nutrient-rich food to meet the increasing demand of burgeoning population and advocated the need of climate-smart agricultural practices to combat the adverse effects of climate change for sustainable agriculture.

Dr Anuradha Agrawal, Project Director, DKMA, ICAR, New Delhi, underlined the significance of nutrition-sensitive agricultural production for fostering nutrition and health.

Dr. Mridula Devi, Director, ICAR-CIWA, President, RAGA & Organizing Secretary of the Global Conference emphasized the importance of the conference in achieving sustainable growth in agri-food system. She also highlighted the role of ICAR-CIWA in empowering women in the agricultural sector.

The Conference provided a unique platform for the researchers, the policy makers, the academia, female and male farmers, innovators, entrepreneurs, industries, and other stakeholders to deliberate, exchange their knowledge and experiences, and derive the ways to mitigate the issues and challenges faced by women farmers and strategies to bridge the gender gap for sustainable agri-food system. With a theme centered on gender transformation, the conference emphasized how integrating gender-responsive policies and practices can drive sustainability, equity, and economic growth in agriculture and food systems. The event brought attention to the critical role of women and marginalized groups in agriculture, which has traditionally been a sector where gender disparities remain prevalent. By fostering an environment where both men and women can thrive, the conference underscored the importance of gender equality in achieving the Sustainable Development Goals (SDGs), particularly in relation to poverty reduction, food security, and environmental sustainability. In this 3-days event, over 500 delegates from all over the world participated in this conference in different technical sessions.

On the occasion, Conference Souvenir-cum-Abstract Book, सशक्ति राजभाषा पत्रिका, कृषिका' काव्यांजलि – Poetry Collection (Hindi) were released by the Dignitaries. Twenty four progressive women farmers and entrepreneurs from across different parts of India were honored for their outstanding contribution in field of agriculture and allied sector. A total of 11 Memorandum of Agreement (MOAs) were signed to support women-led agricultural

enterprises. A grand exhibition was also organized wherein 45 exhibitors from different parts of India showcased their women friendly agricultural technologies and products. Around 700 women farmers from across the states, as well as a significant number of students visited the Exhibition stalls.



**Address by Shri Devesh Chaturvedi, Secretary
DA&FW and DARE, MoA&FW, GoI**



**Address by Dr. Himanshu Pathak,
Director General, ICRISAT, Hyderabad, India**



**Address by Mr. Takayuki Hagiwara, Country Representative,
FAO, India Country Office**



**Address by Ms. Nozomi Hashimoto, Dy. Country Director, UN
World Food Programme, India Country Office**



**Address by Dr. R.C. Agrawal, Hon'ble
Dy. Director General, (Agriculture
Education), ICAR, New Delhi**



**Address by Dr. Meenesh Shah, Chairman &
Managing Director, NDDB Development
Board, Anand, Gujarat, India**



**Address by Shri Vijay Amruta Kulange (IAS),
Managing Director, OMFED, Bhubaneswar**



**Address by Dr. Binlesh Mann
Assistant Director General (EP&HS), ICAR**

Shri Vijay Amruta Kulange, Managing Director, The Odisha State Cooperative Milk Producers' Federation Ltd (OMFED), Bhubaneswar, India narrated the important role of women to strengthen milk producing dairy cooperative societies and credit of money directly to women bank accounts, which need to be encouraged through motivation and organizing training and exposure visits of women farmers.

Dr. Bimlesh Mann, Asstt. Director General (EP&HS) appreciated ICAR-CIWA as a unique and premier Institute for empowering women in the field of agriculture and suggested to focus on scientific packaging and branding of different agro produce prepared by SHGs/FPOs and dairy cooperatives.



**Address by Dr. Praveen Kumar Singh, Hon'ble
Agriculture Commissioner Department of
Agriculture & Farmers Welfare, New Delhi**



**Address by Smt Heenaben Dave, Self Employed
Women's Association (SEWA), India**



**Address by Dr. Neerja Prabhakar, former Vice
Chancellor, Sri Konda Laxman Telangana State
Horticultural University, Telangana, India**



**Address by Dr Anuradha Agrawal, Project Director,
DKMA, ICAR**



**Address by Prof. Aldas Janaiah, Vice Chancellor,
Professor Jayashankar Telangana Agricultural
University, Hyderabad, Telangana, India**



**Address by Dr. Mridula Devi, Director, ICAR-
CIWA, President (RAGA) & Organizing
Secretary of Global Conference**

Smt Heenaben Dave from Self Employed Women's Association (SEWA), Gujarat, India; Prof. Aldas Janaiah, Vice Chancellor, Professor Jayashankar Telangana Agricultural University, Hyderabad, Dr. Neerja Prabhakar, former Vice Chancellor, Sri Konda Laxman Telangana State Horticultural University, Telangana, Dr Anuradha Agrawal, Project Director, DKMA, ICAR, highlighted the importance of diverse nutrient-rich food to meet the increasing demand of burgeoning population adopting nutrition-sensitive climate-smart agricultural practices.

Dr. Mridula Devi, Director, ICAR-CIWA, President, Research Association for Gender in Agriculture & Organizing Secretary of this Global Conference emphasized the importance of the conference in achieving sustainable growth in agri-food system and highlighted the unique role of ICAR-CIWA in empowering women in the agriculture & allied sector.

Technical Sessions

Proceedings of the technical sessions:

Technical Session 1.1 & 1.2: Gender issues and policy support in agriculture Socio-cultural lens on women in agriculture, Gender gaps in access to land ownership and tenure security, resources and services

This session was Chaired by Dr. Mridula Devi, Director, ICAR-CIWA, Bhubaneswar and Co-Chaired by Dr. R. Neela Rani, Professor & UC, AICRP-WiA, PJTSAU, Hyderabad.

The Technical Sessions 1.1 and 1.2 of the Global Conference: IIGASA-2025 focused on gender disparities in agriculture, women's role in agrarian economies, and the challenges they face in access to resources, decision-making, and technology. Researchers from diverse institutions presented their findings, emphasizing policy interventions and socio-economic strategies to bridge gender gaps in agricultural and allied sectors.

The paper on The Role of Women in Agriculture and Allied Sectors of Punjab was presented by Kapila P and Kaur G (College of Community Science, PAU, Ludhiana). This study explored the significant yet often unrecognized role of women in Punjab's agriculture and allied sectors. Women actively participate in farming, dairy, and post-harvest processes but face socio-cultural and economic barriers such as wage disparity and limited land ownership. The research underscores the need for gender-sensitive policies, enhanced access to credit, and cooperative farming initiatives to strengthen women's roles in agriculture.

The paper on Women Empowerment in Rice Production: Does Gender Gap Exist in Odisha, India? Presented by Ananta Sarkar, Shivaji Argade, H. K. Dash (ICAR Institutes). The study measured gender gaps in asset ownership and empowerment in rice farming across Odisha. Results showed a 15.5% productivity gap between male and female-managed farms. Women lag in decision-making and access to resources. The study advocates for gender-sensitive policy frameworks and large-scale investigations to confirm gender gaps and implement targeted interventions.

The paper on Role of Women in Agriculture, Their Access to Productive Resources, and Status as Farmers was presented by Mayuri Bora (AICRP on Women in Agriculture, AAU, Jorhat). Despite women constituting 84% of economically active workers in agriculture, policies still consider men as primary farmers. The study highlighted that women contribute extensively across farming operations but have limited land ownership (7%) and inadequate access to essential inputs and services. The findings call for policy attention to officially recognize women as farmers.

The paper on Gender Analysis in Assessment of Extension and Advisory Services Among Livestock Farmers presented by Salam Prabex, HR Meena, Vimla Saran (ICAR-Indian Veterinary Research Institute). This study assessed gender-based disparities in access to extension and advisory services (EAS) in Assam and Meghalaya. Women livestock farmers face limited access to EAS due to gendered labour divisions and restricted decision-making roles. The study highlights the need for targeted outreach programs, policy interventions, and socio-cultural adaptations to improve service access for women farmers.

The paper on Gender Disparities in Knowledge and Technology Transfer was presented by Priyanshu Shekhawat, Vandana Verma, Ella Rani (CCSHAU, Hisar). The study reviewed

gender disparities in technology transfer, noting that women face systemic barriers to accessing knowledge, training, and innovation. Socio-cultural norms, digital illiteracy, and biased policy frameworks hinder women's participation. The research emphasizes inclusive training programs and participatory approaches to ensure equitable technology dissemination.

Authors Anushka Tiwari, Km. Pratima (MPUAT, Udaipur) presented a paper on Farm Women in Post-Harvest Activities: A Study on Health Status of Farm Women in Water Chestnut Crop. The study examined the challenges faced by women in water chestnut farming in Rajasthan. Prolonged water exposure, manual labor, and lack of modern equipment contribute to health issues such as musculoskeletal disorders and skin infections. The study highlights the need for better technological support and training to improve women's working conditions in aquaculture.

Key Takeaways from the Session are Gender Disparities in Agriculture: Across all studies, women's contributions in agriculture remain undervalued, with limited access to land, credit, and advisory services. Need for Policy Interventions: Researchers emphasized gender-sensitive policies and large-scale studies to bridge gender gaps in farming, extension services, and technology transfer. Health & Labour Challenges: Women engaged in agricultural and allied sectors face significant health risks, highlighting the need for improved working conditions and mechanization. Empowerment & Training: Capacity-building programs and inclusive decision-making processes are crucial for enhancing women's participation in agriculture.

The session provided valuable insights into the challenges faced by women in agriculture and the steps needed to ensure their empowerment. The studies underscored the urgency of recognizing women as farmers, addressing gender disparities in resource access, and implementing targeted policy interventions to promote inclusivity in agricultural development.



Photo: Technical Session on Gender Issues and Policy Support in Agriculture

Technical Session 1.3: Gender issues and policy support in agriculture - Intersectionality in agricultural policies, exploring how intersecting factors such as age, disability and ethnicity affect women's experiences in agriculture

This session was Chaired by Prof. S. N. Mishra, Professor and Head, Agricultural Economics, College of Agriculture, OUAT, Bhubaneswar and Co-Chaired by Dr. Braja Bandhu Swain, Research Project Coordinator (Agricultural Economist), International Livestock Research Institute (ILRI), New Delhi Office, Delhi, India.

The technical session focused on " Gender issues and policy support in agriculture - Intersectionality in agricultural policies, exploring how intersecting factors such as age, disability and ethnicity affect women's experiences in agriculture" highlighting the intersection of gender and climate change in agricultural and allied sectors. The session covered various dimensions, from climate-smart rice cultivation to women's participation in livestock, forest-based livelihoods, and entrepreneurship.

The session commenced with a discussion on "Gender-Responsive Climate-Smart Rice Cultivation for Sustainable Production and Income Enhancement in Africa," emphasizing the adoption of climate-smart practices such as stress-tolerant rice varieties, water management techniques, and gender-equitable access to resources. These practices ensure improved productivity and resilience for smallholder women farmers. The second presentation, "How far we addressed the impact of climate change on women livestock keepers: A Policy Perspective," analyzed the effectiveness of policies addressing climate vulnerabilities faced by women in livestock management. The presentation called for inclusive policies that enhance women's access to credit, veterinary services, and climate-adaptive fodder practices.

The presentation on "Awareness of Rural Women Regarding Government Schemes in Agricultural and Allied Sectors in Jorhat District of Assam" assessed the extent of women's awareness and participation in government initiatives. Findings indicated that while schemes exist, awareness and access remain limited; necessitating targeted capacity-building programs. The presentation, "Empowering Rural Women in Agriculture: Addressing Socio-Economic and Health Challenges," explored gendered constraints in agriculture, including access to land, inputs, and decision-making roles. Health concerns, particularly occupational hazards and nutritional deficiencies, were highlighted as critical areas needing policy intervention.

"The Invisible Burden: Uncovering Stress in the Lives of Farm Women" provided insights into the physical and emotional strain experienced by women engaged in agriculture. The presentation emphasized the need for gender-sensitive labour policies and support systems to alleviate stress and improve well-being. "Gender Issues and Women's Participation in Forest-Based Livelihood Options in Meghalaya" focused on women's roles in forest management and value-added forest products. The study recommended strengthening women's collectives and providing skill development opportunities to enhance their participation in sustainable forest-based livelihoods." A Study on Existing Livelihood Systems and Livelihood Security of Rural Women in Rajasthan" examined livelihood diversification strategies and their impact on women's economic security. The findings suggested that skill training, financial inclusion, and cooperative models could significantly enhance livelihood stability. "Mainstreaming Gender Equity Through Programmes and Schemes in Livestock" evaluated

government initiatives in livestock management, stressing the need for gender-specific training and inclusive extension services to support women farmers. Finally, "Situational Analysis of She-Preneurship vis-à-vis Marketing Inclusion in MKSP and Non-MKSP Regions of Bihar: Canonical Correlation Analysis" provided an analytical perspective on market access challenges faced by rural women entrepreneurs. The study recommended enhanced digital literacy, improved market linkages, and gender-responsive business support.

The session reinforced the need for gender-responsive interventions in climate-smart agriculture, livestock, forestry, and entrepreneurship. Recommendations included strengthening policy frameworks, enhancing awareness and capacity-building initiatives, and improving access to finance and technology for women farmers. By addressing these challenges, sustainable and inclusive agricultural development can be achieved, ensuring resilience and improved livelihoods for rural women.

Technical Session 1.4 & 1.5: Gender issues and policy support in agriculture: Emerging gender issues and policy support in agriculture and allied sectors - Gender gap in agricultural education, research and extension

The technical session was Chaired by Dr. Mridula Devi, Director, ICAR-Central Institute of Women in Agriculture, Bhubaneswar and Co-Chaired by Dr. Rajeev Sharma, Deputy Director, VOTI, FARD, Odisha. The Session Rapporteur was Dr. Harapriya Nayak, Senior Scientist and Head, KVK-Khordha, ICAR-CIFA, Bhubaneswar. During the technical session, a keynote lecture entitled “Techno-socio-economic empowerment of women in agriculture through inclusive approaches” was delivered by Dr Mridula Devi, Director, ICAR-Central Institute of Women in Agriculture, Bhubaneswar. Additionally, two lead lectures were presented by the invited speakers.

1. Role of women in agri-food system for dietary diversities by Dr. Deeptimayee Jena, Ex-Professor (F&N), OUAT, Bhubaneswar
2. Harvesting empowerment: Women leading change in agriculture, fisheries and ARD sectors by Dr Rajeev Sharma, Deputy Director, VOTI, FARD, Odisha

During this technical session, a total of six oral presentations were made by the presenters, with two presented in physical mode and four in virtual mode.

To bridge gender gaps in agriculture and allied sectors, a multi-faceted approach is needed, focusing on policy support, capacity building, and institutional reforms. Ensuring equal access to land, credit, agricultural inputs, and technology for women is essential to enhance their productivity and decision-making power. Strengthening gender-responsive agricultural policies, increasing financial inclusion through self-help groups (SHGs) and cooperatives, and promoting women-led agribusinesses can empower them economically. Additionally, targeted interventions such as skill development programs, leadership training, and entrepreneurship support can help women move beyond subsistence farming to higher-value agricultural activities.

In agricultural education, research, and extension, there is a need to encourage greater female participation through targeted scholarships, mentorship programs, and gender-sensitive curricula. Creating inclusive work environments, ensuring equal opportunities in leadership positions, and addressing societal barriers that limit women's career progression in agriculture are critical. Increasing the representation of female extension workers can help make advisory services more accessible to women farmers, leading to better adoption of improved farming practices. Furthermore, integrating gender-responsive agricultural technologies and policies will ensure that women benefit equally from scientific advancements and innovation.

To achieve these goals, collaboration among government agencies, educational institutions, research organizations, and civil society is crucial. Strengthening institutional mechanisms, promoting awareness about gender equity, and ensuring women's active participation in policy formulation can drive long-term, sustainable change. Encouraging public-private partnerships and community-driven initiatives will further enhance women's role in agriculture, contributing to food security, economic growth, and rural development.

The following recommendations have been made

1. Rural women groups and associations should be encouraged to identify their issues and share them with policy makers.
2. Repository of gender disaggregated data (GDD) on activity-wise participation and time contribution of women in agri-food system.
3. Policies supporting gender budgeting in agriculture and allied sector should be strengthened to ensure equitable access to resources, training, and opportunities for rural women.
4. Gender sensitization of the Government programme and scheme implementing agencies/ departments is also important to derive the maximum benefit of the policy by women beneficiaries.
5. Gender budgeting should be given due importance during the planning and execution of research, extension, and developmental activities.
6. Promote gender-responsive research system that reflect the needs, roles, and constraints of women in agriculture
7. Need based region-specific research to address the gender issues and challenges should be strengthened.
8. Awareness creation amongst researchers on gender perspective in agricultural research including women's issues and challenges in agri-food system
9. Mainstreaming gender equity in extension system is imperative for women empowerment.
10. Gender sensitization should be integrated into all training programmes, irrespective of the training titles and categories of participants.
11. The integration of a gender perspective in primary education and course curricula is of paramount importance for gender equality.
12. Women should be involved as developmental partners in overall development of the Indian society, not as beneficiary only.

13. Efforts should be made by extension functionaries to enhance the participation of farm women in the village level training programme through gender sensitive approaches involving women in core group team for organizing the programme.
14. Special focus should be given to enhance market literacy, financial literacy and digital literacy amongst women farmers.
15. Creation of gender sensitive climate at each and every level of the society in rural as well urban areas is important for bringing the gender equality in the country.
16. Recognition of women's contribution, knowledge, skills, biodiversity conservation and practices by their family, society and R&D organization will boost up their self-confidence.

The session ended with vote of thanks to the Chair.

Technical Session 2.1 Gender-responsive agricultural production practices • Gender-responsive practices in crop & horticulture sector

This session was Chaired by Dr. Manish Das Director, ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat and Co-Chaired by Dr. Sukanta Kumar Sarangi Head, Division of Agricultural Technologies for Women, ICAR-Central Institute for Women in Agriculture (ICAR-CIWA), Bhubaneswar and Dr Gobinda Acharya Head, ICAR-CHES, Bhubaneswar. The rapporteur was Dr. Pratiba Sahu Scientist, ICAR-IIWM, Bhubaneswar.

At the outset Chairman Dr. Manish Das welcomed the Co-Chairman and delegates of the conference. In this session a keynote presentation on Women Empowerment through Medicinal and Aromatic Plants was made by Dr. Manish Das Director, ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat. Lead lecture on Gender-friendly Zero Tillage Potato Cultivation with Paddy Straw Mulching was delivered by Dr. S. K. Sarangi Head, DATW, ICAR-CIWA, Bhubaneswar. The proceedings of the session is given below.

According to the WHO, around 21,000 plant species have chemical compounds that are favoured for their therapeutic qualities. The government of India's "Ashwagandha A Health Promoter" program and the use of Self-Help Groups (SHGs) to cultivate Senna, Lemongrass, Tulsi, Alovera, and Piper longum are two ways to empower women. Potatoes grown with zero tillage and mulched with paddy straw offer the chance for higher cropping intensities (123–145% to 202%), significantly higher yields (2–5 times), improved soil quality, and a reduction in greenhouse gas emissions and water footprint. The application of *Azotobacter vinelandii*- 200g plant⁻¹, with a concentration of 10⁶-10⁷ CFUg⁻¹ enhances yield and yield attributes in papaya, mainly by facilitating the uptake of phosphorus and essential micronutrients. Pineapple intercropping in bearing mango orchards and cole crops intercropping in newly planted orchards are profitable, However Sustainable Livelihood Index was maximum with pineapple intercropping. The research-extension-farmer network must be strengthened in order to foresee and resolve obstacles to the broad use of seed storage technology. Involvement of Farm women more in post-harvest management activities by using indigenous technical methods (Bayleaf, neemleaves and clove) to safeguard stored grains. Hydroponic-based vertical farming is need of the hour for creating a smarter and green market. The significant impact of LULC on watershed hydrology, especially in areas prone to frequent flooding, showing the need for early action.

French bean genotypes VRFBP-314, VRFBP-344, VRFB 07 and VRFB 03 were found promising for most of the bioactive compounds including antioxidants. The barnyard millet-amla bun had an overall acceptability score of 7.71 with higher content of protein (4.08 g/100g), iron (5.96 mg/100g), *in vitro* iron bioavailability (8.68%) *in vitro* protein digestibility (74.34%) and showed lower starch digestion rate (49.93%) and glycemic index(46.7).



Photo: Technical Session on Gender-responsive agricultural production practices: Gender-responsive practices in crop & horticulture sector

Recommendations:

- **Promote Gender-Friendly Technologies:** Scale up labour-saving and drudgery-reducing technologies like zero tillage with straw mulching and organic farming to suit women's capacities (e.g., potato-ZT model in West Bengal).
- **Encourage Organic and Eco-Friendly Farming:** Promote gender-sensitive organic farming models that improve women's autonomy, market access, and health (e.g., studies from Telangana and Odisha).
- **Expand Nutri-Garden Initiatives:** Scale up home-based nutrition garden programs (e.g., JANANI model, Nutrition Smart Village programs) to address micronutrient deficiencies and empower women.
- **Integrate Millets and Traditional Crops:** Encourage millet cultivation and consumption as climate-resilient, nutrition-rich options especially led by women (e.g., Uttarakhand millet case).
- **Support Nutri-Based Enterprises:** Train women in value addition of nutritious produce (e.g., nutri buns, moringa, French beans) to foster entrepreneurship.

- **Adopt IFS Models with Women Participation:** Promote Integrated Farming Systems involving women in decision-making and operations (e.g., feminine farm operations in Odisha).
- **Climate-Smart Adaptation Training:** Strengthen women's capacities to adopt risk-resilient practices like Azotobacter use, vermicomposting, and diversified cropping.
- **Enhance Access to Climate Information:** Disseminate weather forecasts and adaptive technologies via gender-sensitive channels (e.g., studies from Telangana and Maharashtra).

Promote Women-Friendly Crop Technologies

- Identify and distribute **low-cost, labour-saving, ergonomic tools** for sowing, weeding, harvesting, and threshing.
- Encourage the use of **mobile-based apps** and ICT tools tailored for rural women to access crop advisory and market information.

Support Diversification and Nutrition-Sensitive Agriculture

- Promote **intercropping, mixed cropping, and homestead gardens** with women's involvement to enhance nutrition and income.
- Encourage **cultivation of nutrient-rich crops** (e.g., millets, legumes, leafy greens) and **biofortified varieties**.

Technical Session 2.2.1 Gender-responsive agricultural production practices: Gender-responsive practices in Animal Husbandry

The **Technical Session 2.2.1 on Gender-responsive practices in Animal Husbandry** had two lead lectures and seven presentations, highlighting critical aspects of women's empowerment in dairy and livestock farming through technological advancements, policy interventions, and sustainable practices.

Lead Lectures

Dr. Bimlesh Mann (Chairperson)

Dr. Mann emphasized upon the women friendly dairy technologies especially the advanced feeding technologies to boost up milk production, advanced dairy processing techniques and enhancing reproductive efficiency. Techniques like artificial insemination (AI) and sex-sorted semen were and use of women friendly equipments and methodologies in feeding, breeding, management and value addition were highlighted to be implemented to increase economic opportunities for women dairy farmers, ensuring food security and sustainable livelihoods. Effective implementation of various govt. schemes and working in convergence mode with govt. and private sector is essential for scaling these advancements and empowering women.

Dr. Arun Kumar Panda

Dr. Panda focused on gender-inclusive livestock sector as the key to a sustainable agri-food system. Addressing resource access, decision-making barriers, and labour constraints will enable women to contribute significantly to food security, rural economy, and climate resilience. Strengthening institutional support, gender responsive animal husbandry practices and policy frameworks will ensure a more equitable and sustainable future.

Salient points & recommendations of the session:

1. **Women's Decision-Making in Dairy Farming:** Multiple factors influence women's involvement in dairy activities. Policies focusing on financial access, education, and technology can strengthen their decision-making power.
2. **Sheep Milk as an Economic Opportunity:** Sheep milk offers a promising avenue for women's financial empowerment. Research, is crucial for its success. High value products from sheep milk can be a ray of hope for the diminishing importance of sheep due to health cautious consumers and due to advent of synthetic wool.
3. **Broiler Goat Farming for Women in Odisha:** The Black Bengal goat was highlighted as a profitable breed for commercial meat production, increasing farm women's income and productivity. Through scientific feeding of high protein diet supplemented with mineral mixture after weaning can achieve higher growth rate and reduce the marketable age with more return from goat farming.
4. **Performance of Kuttan ad-Chemballi Ducks:** These ducks, well-suited for wet land and flood-prone areas, offer opportunities for sustainable meat and egg production.
5. **The Four A's Framework for Women's Dairy Empowerment:** Access, Awareness, Ability, and Attitude are the key drivers for enhancing women's roles in dairy farming leading to women empowerment.
6. **Livelihood and Financial Security through Goat & Poultry Value Chains:** A holistic approach integrating breeding, feed management, value addition, and market access can ensure sustainable incomes for women farmers.
7. **Impact of Natural Disasters on Women Livestock Keepers:** Natural disasters adversely affect economic and social challenges. Inclusive policies and resilience-building strategies may be helpful for improving livestock productivity.
8. The session was concluded with a consensus on the need for inclusive policies, advanced technologies, and financial empowerment strategies to support women in livestock farming.

Technical Session 2.2.2. Gender-responsive agricultural production practices: Gender-responsive practices in fisheries & aquaculture

Keynote address on “Genetics and genomics for sustainable aquaculture” was delivered by Dr. J. K. Sundaray Head, ICAR-CIFA, Bhubaneswar.

Applying genetics and genomics in aquaculture enables the development of disease-resistant, faster-growing, and more efficient aquaculture species, ultimately leading to increased production and profitability.

Invited Lecture on Selective breeding in fresh water aquaculture for smallholders was delivered by Dr Abhinav Rasal, ICAR-CIFA, Bhubaneswar

The wide acceptance of the selectively bred species is evident from the fact that 12% of the commercial rohu seed available is of Jayanti rohu. The selective breeding in freshwater prawn, magur, GIFT tilapia and new initiatives of selective breeding programme in common carp, Indian prawn promises the sustainability of aquaculture

Presentation 1: Socio-economic Empowerment of Women through Aquatic crops-based Integrated Aquaculture Technologies in North Bihar

The integration of aquatic crops like Makahana and water chest nut with fish farming improves the income of farmers by 4-5 times which points to the feasibility of adoption of the technology by farmers

Presentation 2: Community success through adoption of scientific fish culture in community ponds

Community participation, institutional commitment and viable technology are essential to effectively utilise common property resources for supporting rural income and livelihoods.

Presentation 3: Gender Inclusive Climate Resilient Integrated Aqua-Horticulture for Livelihood Diversification and Nutritional Security

The adoption of gender inclusive climate resilient aqua-horticulture has resulted in increase in production and availability of vegetables and fish to the rural families and also has resulted in empowerment of women through their increased participation in homestead aqua horticulture and increased decision making power

Presentation 4: Fish silage: a women friendly, waste to wealth technology

Fish silage has immense potential to be used in organic manure and poultry feed. The cost effective technology could be adopted by rural women as an alternate livelihood option. As manure, it helps to reduce the dependence on chemical fertilisers.

Presentation 5: Effect of liquid fertilizer and aquaponic system on different types of lettuce in hydroponic based-vertical farming system

Presentation 6: Fostering Women Entrepreneurship through Freshwater Pearl Farming

The economic viability of freshwater pearl farming is evident in its profitability, lightweight and non-perishable final products which have huge demand in the domestic as well as export market all over the world. Women entrepreneurs need to be motivated to adopt this technology for higher economic return.

Technical Session 2.3 Gender-responsive agricultural production practices: Nutrition-sensitive agricultural production fostering nutrition and health

The session was Chaired by Dr. P.J. Mishra Dean, Extension Education, College of Agriculture, OUAT, Bhubaneswar and Co-Chaired by Dr Sunil Chaudhari Potato Breeder, International Potato Center, Vietnam. Keynote lecture on Nutri-sensitive agriculture practices for fostering nutrition and health of farm families was delivered by the Chairperson of the session. The lead lecture on the topic Bio-fortification in potato and sweet potato: strengthening food and nutritional security in tropical and subtropical agroecologies of the Global South was delivered by the Co-Chair of the session.

Recommendations: To promote **gender-responsive agricultural production practices**, it is essential to address the structural barriers that limit women's access to land, credit, agricultural inputs, and technology. Women play a significant role in food production, yet they often face challenges in decision-making, ownership rights, and access to training. Policies should focus on ensuring gender-equitable resource distribution, developing women-friendly agricultural tools, and integrating climate-smart and sustainable farming practices that cater to women's roles in agriculture. Encouraging women's participation in farmer producer organizations (FPOs), self-help groups (SHGs), and cooperatives can enhance their bargaining power and economic independence. Additionally, gender-responsive extension services should be expanded to provide tailored training, mentorship, and technical support to women farmers. Strengthening institutional mechanisms and legal frameworks to ensure equal wages, labour rights, and leadership opportunities for women in agriculture can further create an inclusive and sustainable farming system.

To **foster nutrition-sensitive agricultural production**, a holistic approach is needed to integrate nutrition goals with agricultural policies and programs. Promoting the cultivation of nutrient-dense crops such as biofortified cereals, pulses, vegetables, and fruits can enhance dietary diversity and food security at the household level. Encouraging small-scale livestock farming, aquaculture, and homestead gardening can provide essential protein and micronutrients, particularly for women and children. Women farmers should receive training on nutrition-sensitive agriculture, post-harvest management, food preservation, and processing techniques to minimize nutrient loss and improve food availability throughout the year. Strengthening agricultural extension services with a focus on nutrition education and integrating women-centric programs in food value chains will ensure better health outcomes. Public-private partnerships, community-led initiatives, and the inclusion of gender-responsive strategies in national agricultural and nutrition policies are crucial for long-term sustainability and resilience in food systems. Promoting women's leadership in agribusiness, supporting microfinance initiatives for female entrepreneurs, and ensuring their active participation in decision-making will further drive inclusive growth and improved nutrition outcomes.

Technical session 2.4, 2.5 and 2.6: Gender-responsive agricultural production practices: Integrated farming systems for sustainable agri-food systems, organic farming and women's empowerment and impact of climate change on women farmers and the need for gender responsive adaptation strategies.

The session was Chaired by Dr. Jyotirmayee Udgata Assoc. Prof. and Head P. G. Department of Home Science, Rama Devi Women's University, Vidya Vihar, Bhubaneswar, Odisha, India and Co-Chaired by Dr Sangeeta Deo Professor, RPCAU, Pusa, Samastipur Bihar.

Lead lecture on the topic Climate vulnerabilities and its impact on women in agriculture was delivered by the Chairperson of the session. Seven oral presentations were made in this session.

The session commenced with a welcome address by Chairperson, who emphasized the importance of agricultural sustainability and climate adaptation in ensuring food security and empowering farm communities, particularly women.

Women in agriculture play a pivotal role, contributing significantly to food security and economic stability. Despite their contributions they are among the most vulnerable to the impacts of climate change. They are disproportionately vulnerable to impacts of climate

change due to existing gender inequalities, socio-economic constraints and their significant role in food production and household sustenance. In many developing countries, women constitute a substantial portion of the agricultural workforce, yet they often have limited access to resources such as land, credit, technology and education which exacerbates this vulnerability to climate-induced risks. Climate change exacerbates these vulnerabilities by increasing the frequency and intensity of extreme weather events, altering rainfall patterns and reducing agricultural productivity, which directly affects women's livelihoods and food security. Women's reliance on natural resources for their livelihoods, coupled with their limited adaptive capacity, makes them more susceptible to the adverse effects of climate change. Furthermore, cultural norms and gender roles often restrict women's participation in decision-making process related to climate adaptation and mitigation strategies, further marginalizing them. Addressing the vulnerability of women in agriculture to climate change requires gender-sensitive policies that promote equitable access to resources, enhance women's adaptive capacity, and ensure their participation in climate-related decision-making processes. Results indicated a high willingness among women to implement innovative solutions but emphasized the need for better access to resources, training, and decision-making support. One study explored the impact of organic farming on women farmers' economic independence and decision-making roles in Telangana. Findings revealed that organic farming enhances women's financial stability, improves food quality, and promotes environmental awareness, despite existing challenges such as market access and labor management. The economic sustainability of Integrated Farming System (IFS) in Karnataka showed significant financial benefits, risk diversification, and improved income stability through the integration of crops and livestock. The study recommended strengthening market linkages and financial support to further enhance IFS adoption.

The session concluded with an interactive discussion where participants shared insights on promoting gender-inclusive agricultural policies, enhancing market opportunities for organic produce, and integrating sustainable farming practices for economic resilience. Key recommendations included:

- Strengthening policy frameworks for gender equity in agriculture.
- Improving access to resources, training, and financial support for women farmers.
- Promoting climate-smart agricultural practices through research and community participation.

Technical session 3.1 and 3.2: Agri-innovations for Women in Agribusiness: Access to technology, digital literacy and engagement of women with agri-tech innovations; Technological innovations in gender-friendly tools and equipment

The technical Session on 3.1 and 3.2 was held at Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar. The theme of the session was Agri-innovations for Women in Agribusiness and sub theme were viz; access to technology, digital literacy and engagement of women with agri-tech innovations and technological innovations in gender-friendly tools & equipment.

Dr. Jatinder Kistawaria, Former Director, ICAR-CIWA & Chairperson, KIRAN Division, Department of Science and Technology, GOI, New Delhi was the Chairperson of the session

and Dr. Gayatri Moharana, Scientist, ICAR-CIWA, Bhubaneswar was the Rapporteur of this session. There were 12 presentations including 5 physical and 7 virtual presentations.

Recommendations:

- The innovativeness should bring in agribusiness with the help of digital technologies
- The acceptability of the innovative technologies should be more economically viable
- More importance should be given towards digitalization & ICT in agriculture and allied sectors
- Focus should be made for reducing gender gaps
- Economic empowerment may bring through reinvention of women-friendly technologies, models, process etc
- The research work related to drudgery identification, assessment and development of technology should be continued for reducing drudgery and occupational health hazards of women farmers
- Skill development is also a very important need to be focused
- Management of health, hygiene, physiological issues, psychological of women farmers also require attention for improving health.

Technical session 3.3.1 Agri-innovations for Women in Agribusiness: Post-harvest processing and value addition for profitable agriculture (Part I)

To enhance women's participation in agribusiness, there is a need for targeted support in agri-innovations that cater to their roles in production, processing, and value addition. Women often engage in small-scale farming and agro-processing, but limited access to technology, financial resources, and markets constrains their growth. Providing women-friendly agricultural tools, mechanized processing equipment, and digital solutions for market access can enhance their productivity and profitability. Capacity-building programs focusing on entrepreneurship, financial literacy, and business management can empower women to scale their agribusiness ventures. Additionally, policies should promote women-led cooperatives, self-help groups (SHGs), and rural enterprises to strengthen collective bargaining power and market linkages. Facilitating easier access to credit, subsidies, and technical support will further help women transition from subsistence farming to commercial agribusiness.

In post-harvest processing and value addition, adopting innovative techniques is crucial to reduce food loss, increase shelf life, and enhance profitability. Women's involvement in food preservation, packaging, and agro-processing presents opportunities for income generation if they have access to modern technologies and skill development programs. Investment in cold storage facilities, solar dryers, and food processing units can significantly improve post-harvest management. Training women in quality control, branding, and certification processes can help them create high-value products that meet market standards. Encouraging public-private partnerships and integrating women into supply chains can further boost their economic participation. Use of innovative technologies like underutilized fibres, indigenous fruits & vegetables, can serve as an important income earning stream for women farmers. Additionally, strengthening extension services with a focus on post-harvest technologies and linking women farmers to agribusiness incubators will foster innovation, competitiveness, and sustainable livelihoods in the agricultural sector.

Technical session 3.3.2: Agri-innovations for Women in Agribusiness - Post-harvest processing and value addition for profitable agriculture (Part II)

Recommendations:

Post-Harvest Processing and Value Addition for Profitable Agriculture

1. Establish Women-Centric Agri-Processing Units – Set up community-based processing centers where women can collectively engage in value addition, reducing costs and improving productivity.
2. Facilitate Access to Advanced Processing Technologies – Provide women with modern processing tools such as solar dryers, cold storage units, and food-grade packaging machines to enhance efficiency and reduce post-harvest losses.
3. Promote Organic and Specialty Food Products – Encourage women entrepreneurs to engage in organic food production, traditional food processing, and niche markets such as herbal teas, millet-based snacks, and fermented foods.
4. Develop Women-Led Agri-Brands – Support the branding and marketing of women-led agricultural products, helping them establish their own food brands with quality certification and geographical indication (GI) tags.
5. Strengthen Digital and E-Commerce Integration – Train women agripreneurs in using online platforms, mobile apps, and social media to market and sell value-added agricultural products directly to consumers.
6. Provide Tailored Financial Incentives – Design gender-specific grants, subsidies, and soft loans to help women invest in processing units, packaging materials, and logistics for product distribution.
7. Encourage Farm-to-Fork Enterprises – Promote direct selling models where women can connect with consumers through farmers' markets, organic stores, and farm-to-table initiatives, ensuring better profits.
8. Support Export-Oriented Women Agribusinesses – Facilitate training on global food safety standards, certifications (FSSAI, HACCP), and export documentation to help women tap into international markets.
9. Promote Climate-Smart and Sustainable Processing Methods – Encourage the adoption of eco-friendly post-harvest technologies such as solar-powered cold storage and biodegradable packaging solutions.
10. Strengthen Women's Participation in Agri-Tourism – Develop rural food-based tourism models where women showcase traditional food processing techniques, attracting tourists and generating additional income.
11. Enhance Collaboration with Research Institutions – Facilitate partnerships between women agripreneurs and agricultural research institutions to develop innovative and cost-effective post-harvest solutions.
12. Create Women-Led Agri-Processing Clusters – Establish dedicated business hubs where women entrepreneurs can collaborate, share resources, and collectively scale up value-added production.
13. Promote Traditional and Indigenous Food Processing Knowledge – Document and revive traditional food preservation and processing techniques to create unique, high-value agro-products.
14. Ensure Capacity-Building on Food Safety and Quality Standards – Conduct regular training programs on food hygiene, packaging regulations, and quality control measures to enhance product competitiveness.

15. Leverage Public-Private Partnerships (PPP) for Market Expansion – Encourage collaboration between government agencies, private food companies, and women entrepreneurs to develop supply chains and scale up their businesses.

Technical Session 3.4 & 3.5: Agri-innovations for Women in Agribusiness: (Part 1) Drudgery and occupational health hazards among farm women & (Part 2) Application of digital technologies for smart agriculture

This session was Chaired by Dr. A. Sarangi Director, ICAR-Indian Institute of Water Management (ICAR-IIWM), Bhubaneswar.

In this session, keynote address on “Precision Agriculture for Sustainable Agri-food System” was delivered by the Chairperson of the session. Lead lecture on “Improved farm tools and machinery to address drudgery of women farmers” was delivered by Co-Chair of the session Dr. S. K. Mohanty, Retd. Professor, FMP, OUAT, Bhubaneswar.

Technical Session 3.4 & 3.5 was focused on Agri-innovations for Women in Agribusiness including Drudgery and occupational health hazards among farm women and Application of digital technologies. The session started with Keynote address on Precision Agriculture for Sustainable Agri-food System in which Technologies such as IoT, AI, big data, and remote sensing enable real-time monitoring of crops, soil health, and climate conditions. Another offline presentation described about the significant drudgery and occupational health hazards due to physically demanding tasks and unsafe working conditions faced by farm women in cultivation of cucurbits in pandal systems. ergonomic assessment in spice industry, paddy transplanting activity, Work efficiency and comfortability assessment of UV protective was described in another address. The use of manual labour in activities such as planting, harvesting, and carrying heavy loads contributes to musculoskeletal disorders, fatigue, and long-term health issues. Exposure to pesticides and chemicals increases the risk of respiratory problems and skin conditions. Additionally, limited access to healthcare and protective gear exacerbates these health risks. Gender-specific challenges, such as unequal access to resources and decision-making power, further marginalize farm women.

The tools was another focus area of the session to optimize resource management, improve yield predictions, and reduce environmental impact. Drones and automated machinery increase precision in planting, irrigation, and harvesting. Additionally, blockchain and data analytics ensure transparency and traceability in the supply chain. The session was also included with Agri-innovations for women in agribusiness empowered women by providing access to modern tools, technologies, and training. Innovations such as mobile apps for market information, precision farming tools, and low-cost equipment help increase productivity and reduce labour. Women also benefit from improved agricultural practices, financial inclusion through microfinancing, and skill development in areas like organic farming and value-added processing. Digital platforms enhance women’s access to markets, boosting their entrepreneurial opportunities.

Technical Session 4.1: Women in Climate Resilience and Natural Resource Conservation: Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management

The technical session on "Women in Climate Resilience and Natural Resource Conservation" highlighted the crucial role of women in community-based conservation efforts, biodiversity

management, and sustainable resource utilization. The discussions underscored the transformative impact of women in natural resource conservation and the strategies needed to enhance their participation and leadership in environmental sustainability.

Lead Presentations

The session commenced with an insightful discussion on "Transformative Changes in Agricultural Education: Empowering Women in Agri-food Systems." This presentation focused on the need to integrate gender-sensitive curricula in agricultural education, promoting women's leadership, and ensuring their active participation in shaping sustainable food systems. Policy recommendations included developing women-centric agricultural extension services and capacity-building initiatives. The second lead presentation, "Gender-Sensitive Extension for Sustainable Agri-food Systems," emphasized the importance of designing agricultural extension services that address the unique needs of women farmers. It highlighted successful case studies where gender-responsive extension models have led to improved productivity, resilience, and economic empowerment among women in rural areas.

Physical Presentations

"Seed Priming as an Effective Technology to Mitigate Adverse Effects of Climate Change: Lessons from Wheat" This presentation demonstrated how seed priming enhances crop resilience, particularly in wheat cultivation, and mitigates climate-induced stress. It underscored the role of women farmers in adopting this technology to ensure food security and sustainability. Next presentation on "Climate Change and Agriculture: Farmers' Perceptions and Adaptive Responses" analyzed farmers' understanding of climate change and the adaptive strategies they employ. It highlighted how women are at the forefront of adaptation measures, including diversified cropping patterns, soil conservation techniques, and water management practices. The Women Empowerment in Watershed Programmes: A Composite Index to Measure Women's Inclusiveness in Natural Resource Management" presentation introduced a comprehensive index to assess women's engagement in watershed programs. It demonstrated how inclusive watershed management contributes to improved livelihoods, resource conservation, and gender equity. "Empowering Women Tribal Farmers Through Solar-Powered Irrigation Systems: A Case Study from Koraput District" case study highlighted the impact of solar-powered irrigation in enhancing agricultural productivity and water security for tribal women farmers. The discussion revolved around the economic and social benefits derived from sustainable energy solutions in agriculture.

Virtual Presentations

The presentation on Women in Climate Resilience and Natural Resource Conservation: Influence of Diverse Nutrient Sources on Nutritional Composition of Okra (*Abelmoschus esculentus*)" This research examined how different nutrient sources affect the nutritional composition of okra and its implications for food security and climate resilience. "Changes in Food and Dietary Habits of Rural Families During COVID-19" The presentation discussed the shifts in food consumption patterns due to the pandemic and how women played a critical role in maintaining household nutrition and food security. Presentation titled "Bridging Gender and Forestry: The Role of Women in Biodiversity Protection and Sustainable Forest Management in India" highlighted women's contributions to forest conservation, sustainable harvesting practices, and community-driven biodiversity protection initiatives.

Conclusion

The session reinforced the pivotal role of women in climate resilience and natural resource conservation. Key recommendations included:

- Strengthening policies that promote women's leadership in environmental governance.
- Enhancing access to climate-smart technologies and sustainable agricultural practices for women.

- Expanding gender-sensitive extension services and educational programs.
- Promoting community-based natural resource management strategies that integrate women's knowledge and contributions.

By implementing these strategies, sustainable and inclusive resource management can be achieved, ensuring ecological balance, economic stability, and social empowerment for women in climate resilience and natural resource conservation.

Technical Session 4.2 & 4.3: Women in Climate Resilience and Natural Resource Conservation: Women-friendly technological and adaptive solutions to climate change; Climate-smart integrated farming systems

Technical Session 4.2 & 4.3 focused on women in climate resilience and natural resource conservation, women-friendly technological and adaptive solutions to climate change and climate-smart integrated farming systems

The session was Chaired by Dr. L. M. Garnayak, Director of Research, CAU, Imphal, Manipur and Co-Chaired by Dr. Braja Bandhu Swain, Research Project Coordinator (Agricultural Economist), International Livestock Research Institute (ILRI), New Delhi Office, Delhi, India

Three presentations were presented in this session in physical mode.

Soumyadeep Thakur emphasized about residue burning with different machine learning techniques for less carbon emission in a gender prospective approach. Er. Priyanka Mohapatra discussed the comparative analysis of climate change effects with help of climate modeling and hydrological modeling. Dr. T. Ravichandran explained about the problems in the dairy sector in the current scenario of India and also emphasized about the possible incubation for the agripreneurs by capacity building program with different innovative approaches.

Chairperson and Co-Chairperson's Recommendation:

- To mitigate crop residue burning, implement targeted awareness campaigns and provide women farmers with access to sustainable alternatives, such as residue recycling or bioenergy options. For sustainable watershed planning, integrate climate change projections into hydrological models, ensuring adaptive water resource management strategies that enhance resilience to changing streamflow patterns.
- A lot of the presentations make sense in relation to the session's theme. In order to guarantee the farmer's future progress, the presentations must precisely outline the gaps and potential remedies for the specific issue.

Technical Session 5.1, 5.2 & 5.3: Institutional Innovations and Women-Agripreneurship

- **Women farmer collectives, producer groups and shepreneurship**
- **Innovative women-led start-ups**
- **Women inclusive sustainable food value chain system**

Recommendations:

Women Farmer Collectives, Producer Groups, and Shepreneurship

- Strengthen women-led farmer producer organizations (FPOs), cooperatives, and self-help groups (SHGs) to enhance collective bargaining power and market access.
- Provide targeted financial support, subsidies, and low-interest loans to encourage women to establish and expand agribusiness enterprises.
- Facilitate skill-building programs on business management, financial literacy, and leadership to empower women agripreneurs.
- Establish mentorship networks and peer-learning platforms to support women in agribusiness with guidance from experienced entrepreneurs.
- Improve access to land, technology, and resources to ensure women's active participation in commercial farming and agribusiness ventures.

Innovative Women-Led Start-ups

6. Promote incubation centers and innovation hubs to support women-led start-ups in agri-tech, food processing, and sustainable farming solutions.
7. Provide incentives, grants, and investment opportunities for women entrepreneurs developing innovative agricultural solutions.
8. Encourage the use of digital platforms and e-commerce solutions to help women agripreneurs reach broader markets and enhance their business visibility.
9. Support research and development initiatives led by women to create gender-responsive technologies in agriculture and allied sectors.
10. Foster collaborations between women-led start-ups, research institutions, and private-sector players to drive innovation in agri-business.

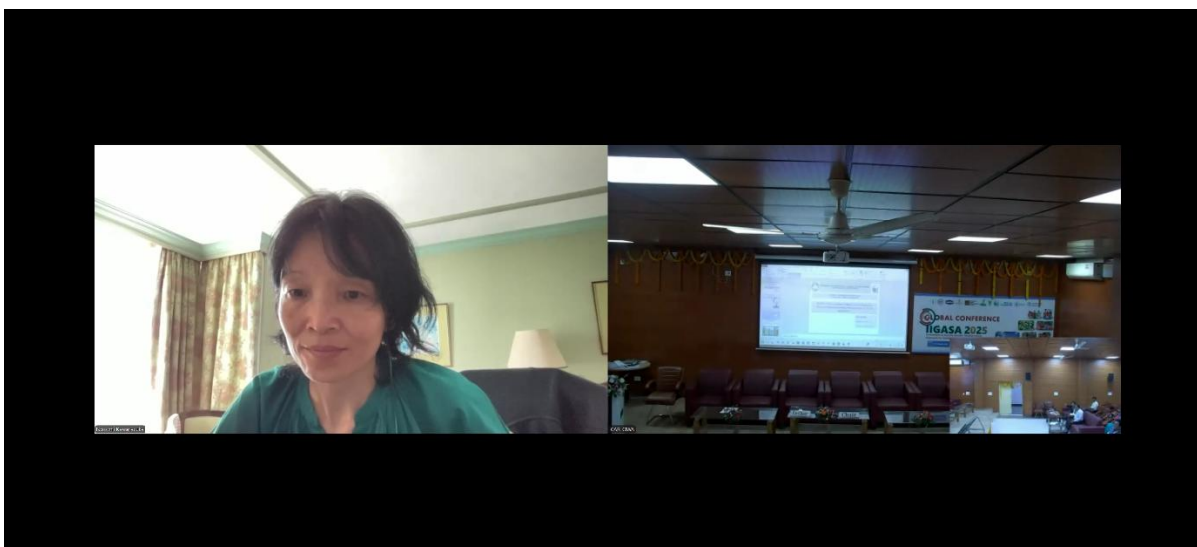
Women-Inclusive Sustainable Food Value Chain System

11. Develop gender-responsive policies to ensure equal opportunities for women in all segments of the food value chain.
12. Strengthen women's participation in sustainable farming, processing, packaging, and distribution to create eco-friendly and resilient food systems.
13. Enhance market linkages for women agripreneurs through partnerships with cooperatives, private sector companies, and export markets.
14. Ensure fair wages and safe working conditions for women involved in food production, processing, and distribution.
15. Promote awareness and training on sustainable agricultural practices, waste reduction, and eco-friendly packaging for women-led agribusinesses.

Technical Session 5.4, 5.5 & 5.6: Institutional Innovations and Women-Agripreneurship

- **Smart marketing approaches for sustaining women entrepreneurs**
- **Women farmer's access to financial services and products**
- **Policy and regulatory frameworks focusing on the need for policy reforms to support women agripreneurs and their access to markets and resources**

Technical Session 5.4, 5.5 & 5.6 was focused on smart marketing approaches for sustaining women entrepreneurs, women farmer's access to financial services and products, policy and regulatory frameworks focusing on the need for policy reforms to support women agripreneurs and their access to markets and resources.



Presentatin by Dr. Nozomi Kawarazuka

The session was Chaired by Dr. Nozomi Kawarazuka, Social Scientist, International Potato Center, Hanoi, Vietnam and Co-Chaired by Dr. Sabyashachi Roy, Head (Eastern region), National Dairy Development Board (NDDB), Kolkata.

The keynote speaker, Dr. Nozomi Kawarazuka, used eight case studies from twelve different countries to illustrate the link between plants and people in a constructive approach to income generation from agriculture and related areas.

Using an insightful case study of the Sundarbans, Dr. Sabyashachi Roy as an invited speaker highlighted the dairy industry as an important source of income for Indian women farmers. In order to improve the growth of the dairy industry, he also talked about the process of starting a dairy cooperative and helping farmers become more sustainable through organic farming.

Three presentations were presented in this session in physical mode.

Dr. Prerna Kapila presented about leveraging digital tools, building supportive networks, and crafting authentic, impactful brand stories to drive long-term growth and visibility of the agripreneurship. Dr. Arpita Mohapatra discussed about the lacunas in dairy sector for establishing a sustainable venture with a case study approach to eradicate such problems in Odisha and Gujarat. Bhagat Lokesh emphasized on Government Policies and Schemes for Women Entrepreneurship Development in Food Industries with the way of approach for availing the schemes.

Chairperson and Co-Chairperson's Recommendation:

- Leverage Digital Platforms for Wider Reach: Encourage women entrepreneurs in the food industry to utilize e-commerce platforms, social media, and food delivery apps to increase visibility, engage with customers, and expand market reach. Create Community Engagement and Brand Loyalty: Build a strong community by organizing events, collaborating with local influencers, and using personalized marketing strategies (e.g., loyalty programs) to foster customer loyalty and enhance brand value.

- Many of presentations are well justified to the theme of the session. The presentations need to include the gaps as well as the possible solutions for the particular problem in a very precise manner which will ensure the upcoming growth of the farmer

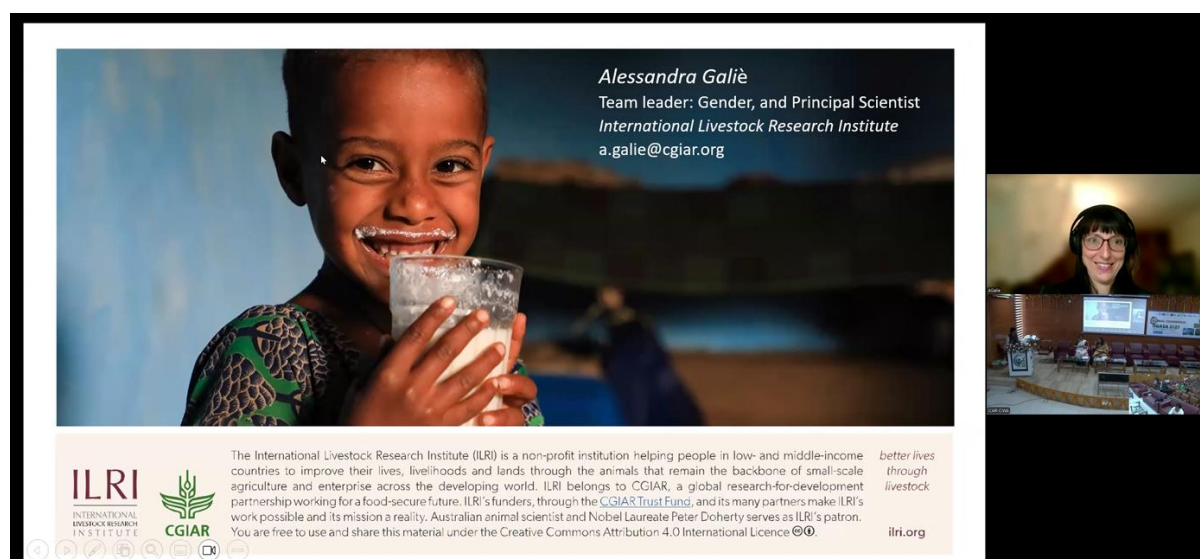
Technical Session 6.1-6.5: Gender-transformative approaches in agriculture

- **Strengthening extension system for women farmers**
- **Women leadership in agri-food system**
- **Gender-transformative approaches for empowering women farmers**
- **Gender-responsive budgeting and financing in agriculture**
- **Gender norms and equality**

The concurrent session day 3: March 10, 2025 10.30 am to 12.30 pm

Venue: Sasakti auditorium ICAR-CIWA, Bhubaneswar

Session started with the Chair Dr. Alessandra Galie (Team leader gender and Principal Scientist, ILRI, Nairobi, Kenya), Co-Chair by Dr. Lipi Das (Principal Scientist, ICAR-CIWA, Bhubaneswar) and Rapporteur Dr. Saswati Pattanaik (Associate Professor, CAU, Imphal, Tura). In this session invited lecturers by Dr. A. Galie on the topic: Women empower Index in Livestock Sector explained the gender equity through livestock, technological, socio-institutional solutions to over-come gender gaps in livestock. She narrated the livestock masterplan for Odisha and four modules for livestock transformative approach.



Alessandra Galie
Team leader: Gender, and Principal Scientist
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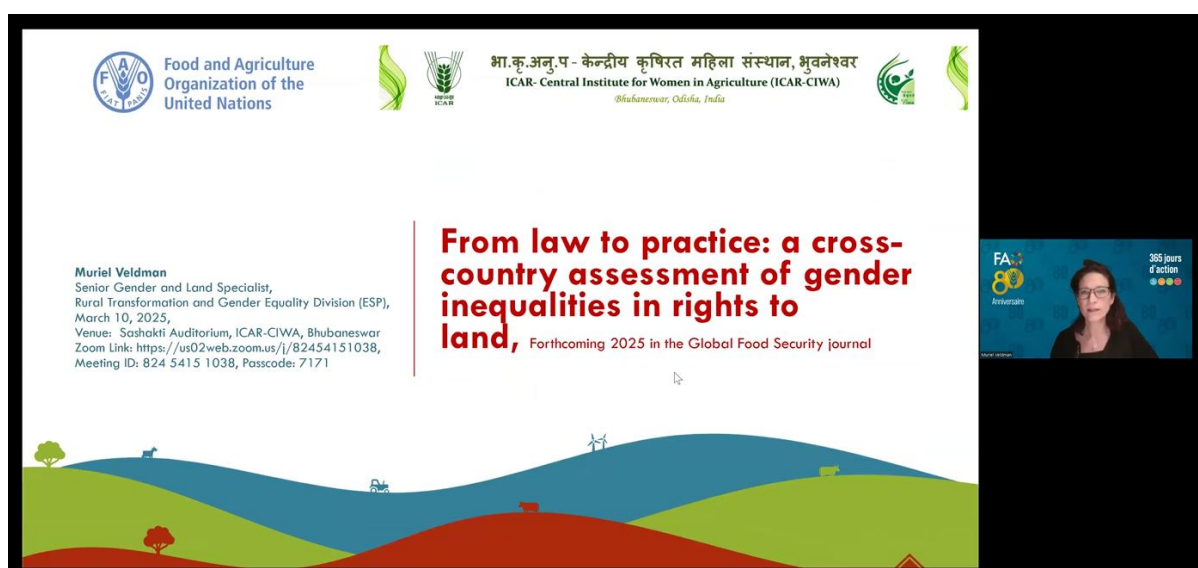
The International Livestock Research Institute (ILRI) is a non-profit institution helping people in low- and middle-income countries to improve their lives, livelihoods and lands through the animals that remain the backbone of small scale agriculture and enterprise across the developing world. ILRI belongs to CGIAR, a global research-for-development partnership working for a food-secure future. ILRI's funders, through the CGIAR Trust Fund, and its many partners make ILRI's work possible and its mission a reality. Australian animal scientist and Nobel Laureate Peter Doherty serves as ILRI's patron. You are free to use and share this material under the Creative Commons Attribution 4.0 International Licence ©.

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Presentation by Dr. Alessandra Galie

Second keynote lecture delivered by Dr. Muriel Veldman, FAO, Rome, Italy on the topic: A Cross-country assessment of gender inequalities in Rice to Land. She explained indicators across 32 countries and suggested transformative approach of Land Right by women from different accepts followed by this lecturer third lead lecturer by Dr. Lipi Das on the topic: Gender inclusive approach for sustainable agriculture and strategies for bridging the gap, aims are to achieving 3E'S i.e., equity, entrepreneur, empowerment.



Presentation by Dr. Muriel Veldman

There are eight numbers of presentations from the delegates out of which four are physical and four are virtual mode. Dr. Geetanjali Choudhary narrated the farm women awareness level, need and their perception towards entrepreneurial development, where she also mentioned that every farm women want skilled training for enhancing their entrepreneurial skills followed by the oral presentation on Gender integration in rice farming and promoting gender equity through partnering in Rice Value Chain to increase farm income and farm productivity by Dr. Lipi Das, ICAR-CIWA, Bhubaneswar. She emphasized that the farm women could be the efficient drivers of national agricultural growth and development if they can be made technologically competent economically empowered through development of gender sensitive entrepreneurial approaches. Third presentation by Kumari Sipra (Asst. Prof., Pusa, Bihar) in virtual mode. She emphasized empowering women farmers through innovative solution for climate resilient agriculture. Dr. Shivaji presented virtually (Senior, Scientist, Agri-Extension, CIFE, Mumbai) focused on gender transformative approaches through fishery and aquaculture by stakeholder sensitization, promoting equity, responsive budgeting and women leadership. Dr. Namita Singh (Professor, CCS, Tura) presented the involvement of women in decision making related to agriculture in Meghalaya, Where she explained the gender disparities in financial management, entrepreneurship in organisation can help women to improve their status, increase farm yield and promote economic growth with enhancing the support system for women in agribusiness. Dr. Sujai Das (NIMFET, Kolkata) presented virtually about the skill development programme for SC women for the social upliftment. He suggested many gender transformative approaches for SC women. Dr. Priti Sharma presented the topic: Developing women leadership for gender mainstreaming in agri-food system emphasizing on the point skill-based training, women leadership gender sensitive policies, promoting women's reproductive right, combat sexual violence, changing the narrative through media, supporting women organization to capacitate to raise their voice for gender mainstreaming at all levels. Dr. Pradip (Research Scholar, UAS, Raichur, Karnatak) presented an assessment of economic viability of IFS module, where he emphasized the transformative approach for women in sustainable agri-food system through analysing gender gap and capacity building.

Then the session ended with vote of thanks by Co-Chairperson Dr. Lipi Das (Principal Scientist, ICAR-CIWA, Bhubaneswar)

Report on the Poster presentation session I: 9th March 2025

Poster Session I at Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Day 2: March 9, 2025

16:00 – 18:00 hr

Chair:	Dr. Gobinda Acharya	Head, ICAR-IIHR-CHES, Bhubaneswar, Odisha
Co-Chair:	Dr. S. K. Bhanja	Head, Regional Station, ICAR-DPR, Bhubaneswar
Rapporteur:	Dr. Tania Seth	Scientist, ICAR-CIWA, Bhubaneswar

This poster session involved a total of six presentations covering 5 themes in total. Three physical presentations (Gender stereotypes, discrimination, and discrepancies in agriculture and allied sectors in India: shattering the glass ceiling; A study on cognizance level of entrepreneurial development among farm women, Silvi-Horti-Pastoral farming system) were made and three virtual presentations (Socio-economic status and health status of agrarian farm women involved in drudgery prone activities, Beyond the Plough : Recognizing Women's role in agriculture, Extent of farmwomen participation in agriculture and horticulture sector in TN and Effects of gender gap in agricultural research output) were made.

Gist of the presentations in finer points

1. Out of the presentations most presentations emphasized on decision making of women folk being the major point which limits their contribution in farm productivity sector.
2. Further, capacity building and entrepreneurship development were also discussed by few participants as the key interventional measures in bringing up their participation.
3. Silvi-horti pastoral integration farming was also highlighted through experimentation as one of the choicest method of improving livestock productivity (e.g Goatery) which are suitable for adoption by women.

Most of the presentations were based on organized studies and confirming to the theme of the session very nicely.

Poster Session II at Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Day 3: March 10, 2025

09:00 – 11:00 h

Chair:	Dr. Gobinda Acharya	Head, ICAR-IIHR-CHES, Bhubaneswar, Odisha
Co-Chair:	Dr Sannapapamma KJ	Professor & Head, UAS, Dharwad
Rapporteur:	Dr Ravi	UAS, Dharwad

This poster session brought together a diverse group of researchers and practitioners to explore innovative approaches that integrate agriculture with improved nutrition and health outcomes. It focused on understanding the complex interlinkages between food systems, agricultural practices, public health, and climate change interventions. A key component of the session was exploring how gendered impacts in agricultural and climate change interventions can be better addressed, with a particular emphasis on the empowerment of women through the adoption of agri-tech innovations. Additionally, the session highlighted the role of value addition in transforming agricultural economies, particularly in developing regions. There were 16 online and 7 physical poster presentations in this session.

Key insights

- Empowering women through education and leadership opportunities is crucial for achieving sustainable outcomes in agriculture.
- Key strategies for success include agricultural diversification, enhancing climate resilience, promoting gender empowerment, and fostering multi-sectoral collaboration. However, to scale these efforts, challenges such as limited access to resources, knowledge gaps, and gaps in policy integration must be addressed.
- Limited digital literacy remains a significant barrier to women's empowerment. Providing women with the skills to effectively use digital tools can unlock numerous benefits, from improved access to information and markets to better decision-making in farming practices.
- Gender-sensitive designs that prioritize physical ergonomics and incorporate labor-saving features can significantly reduce women's workload and enhance productivity.
- Small-scale, community-driven processing initiatives, particularly those led by women's cooperatives, have proven effective in boosting local economies. These models not only empower women farmers but also promote local ownership and control within agricultural value chains.

Poster Session III at Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Day 3, March 10, 2025

Time 11.00 am to 13.30 PM

The poster session (virtual and physical mode) was conducted on the following themes:

1. Drudgery and Occupational health hazards among farm women

2. Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management
3. Women-friendly technological and adaptive solutions to climate change
4. Climate-smart integrated farming systems
5. Institutional Innovations and Women-Agripreneurship
6. Gender-transformative approaches in agriculture

Chair:	Dr K. Laxminaryana	Head, ICAR-CTCRI, RC, Bhubaneswar, Odisha
Co-Chair:	Dr R. Neela Rani	Professor & UC, AICRP-WiA, PJTSAU, Hyderabad
Rapporteurs:	Dr Arpita Mohapatra Dr Rajalaxmi Behera	Scientist, ICAR-CIWA, Bhubaneswar Scientist, ICAR-DPR, Bhubaneswar

A total of 22 Nos of posters were presented in the session of which 14 were in virtual mode and 8 in Physical mode. The presenters presented several women-friendly tools like Innovative cotton-picking bags, technologies for drudgery reduction for women engaged in Mango and Cashew nut farms, the E-agriculture and digital literacy of farm women, women-friendly maize dehusker cum sheller etc. the role women in conservation of natural resources and promoting the climate resilience by use of different weather forecasting systems, apps was also discussed in the forum. Smart marketing strategies for empowering women entrepreneurs, to promote women-led start-ups were also discussed in the session. Few presenters presented different climate smart agricultural practices, agricultural waste valorization methods. Few of the presenters highlighted the importance of mental wellbeing in empowering the farm women. The session ended with the felicitation of the Chair, Co-Chair.

In total there were 291 papers were presented under 6 themes in 21 technical sessions (18 oral and 3 poster). Apart from that, there were two plenary sessions (NDDB and Education Division of ICAR), four panel discussions (SEWA, FAO, UN Women, WFP). There were 24 keynote and 29 lead lectures by eminent scientists. There were 130 oral presentations, and 135 poster presentations.

Recommendations

Recommendations from Each Theme of the Global Conference

Theme 1 (Four technical sessions): Gender issues and policy support in agriculture

Recommendation 1: Strengthening Women's Land Rights and Ownership

- Develop and implement legal frameworks to ensure women's ownership of land, providing them access to financial support, government schemes, and agricultural resources.
- Conduct mass awareness campaigns and legal literacy programs to educate women about their land rights and inheritance laws.
- Encourage participatory governance models that integrate women into decision-making processes regarding land distribution and agrarian reforms.

Recommendation 2: Enhancing Access to Government Agricultural Schemes

- Simplify administrative procedures and documentation requirements to improve rural women's access to agricultural schemes and financial resources.
- Increase outreach and training programs tailored to women farmers, ensuring they are well-informed about available policies and benefits.
- Strengthen rural cooperative structures and women-led self-help groups (SHGs) to facilitate better participation in government initiatives.

Recommendation 3: Gender-Sensitive Agricultural Extension Services

- Promote gender-sensitive training and extension programs that cater specifically to women's roles and needs in agriculture.
- Encourage the recruitment of female extension officers to bridge the communication gap between women farmers and advisory services.
- Develop mobile and digital platforms that provide women with easy access to agricultural information and technical guidance.

Theme 2 (Five technical sessions): Gender-responsive agricultural production practices

Recommendation 1: Promoting Women-Friendly Agricultural Technologies

- Develop and distribute lightweight, ergonomic agricultural tools tailored to women's physical capacities and farming needs.
- Ensure access to modern, climate-resilient technologies that enhance productivity and reduce drudgery for women farmers.
- Encourage research institutions to prioritize gender-responsive innovations in agriculture.

Recommendation 2: Strengthening Women's Role in Horticulture and Sericulture

- Provide specialized training for women on sustainable practices in horticulture and sericulture to enhance their productivity and income.

- Develop market linkages and cooperatives to facilitate women's participation in value-added production and direct sales.
- Implement policies that ensure equal access to resources, credit, and technical knowledge for women in these sectors.

Recommendation 3: Integrating Women into Climate-Smart Agricultural Practices

- Promote gender-responsive climate adaptation strategies such as agroforestry, conservation agriculture, and organic farming.
- Facilitate women's participation in climate advisory services and early warning systems for improved disaster preparedness.
- Provide incentives for women farmers adopting climate-smart techniques to encourage sustainable agricultural development.

Theme 3 (Four technical sessions): Agri-innovations for Women in Agribusiness

Recommendation 1: Supporting Women Entrepreneurs in Agri-Business

- Establish financial support programs and micro-credit facilities tailored to women entrepreneurs in agri-food businesses.
- Provide incubation centers and mentorship programs to nurture women-led agricultural startups.
- Strengthen women's participation in agricultural value chains by facilitating direct market access and business development services.

Recommendation 2: Enhancing Women's Leadership in Agricultural Cooperatives

- Develop leadership training programs that equip women with skills in governance, financial management, and negotiation.
- Introduce policies that mandate women's representation in agricultural cooperatives and farmer organizations.
- Encourage peer networking and mentorship initiatives to foster women's leadership in the sector.

Recommendation 3: Digital and Financial Inclusion for Women in Agriculture

- Expand access to digital banking services and financial literacy programs for rural women to enhance their financial independence.
- Promote digital platforms that enable women to access market information, agricultural advisories, and e-commerce opportunities.
- Develop gender-inclusive financial policies that prioritize women's access to loans, insurance, and investment opportunities in agriculture.

Theme 4 (Two technical sessions): Women in Climate Resilience and Natural Resource Conservation

Recommendation 1: Enhancing Women's Role in Climate Adaptation Strategies

- Develop community-based climate adaptation programs that integrate women's knowledge and leadership.

- Encourage women's participation in climate-smart agricultural training programs and decision-making processes.
- Provide access to climate-resilient crop varieties, sustainable irrigation practices, and weather-based advisories tailored to women farmers.

Recommendation 2: Strengthening Women's Access to Climate Financing

- Create financial mechanisms that provide women with access to climate-related funding, insurance, and risk-mitigation tools.
- Promote women-friendly microfinance institutions that support investments in climate-resilient farming practices.
- Establish women-led climate action groups to advocate for inclusive climate policies and sustainable development practices.

Recommendation 3: Building Capacity for Women in Sustainable Resource Management

- Train women in sustainable soil, water, and biodiversity conservation practices.
- Support women's participation in community-led afforestation and water management projects.
- Provide incentives for women's involvement in regenerative agriculture, circular economy practices, and eco-friendly agri-businesses.

Theme 5 (Two technical sessions): Institutional Innovations and Women-Agripreneurship

Recommendation 1: Promoting Women's Leadership in Household Nutrition

- Strengthen women's decision-making roles in food production and household nutrition management.
- Conduct nutrition literacy programs that emphasize balanced diets and the importance of diversified food sources.
- Support women-led initiatives for home gardening, biofortification, and traditional food preservation techniques.

Recommendation 2: Improving Women's Access to Nutritious Foods

- Develop policies that increase women's access to fresh, nutritious foods through improved market linkages and value chains.
- Provide financial support and subsidies for women farmers involved in the cultivation of nutrient-rich crops.
- Enhance rural food distribution networks to ensure better accessibility and affordability of nutritious food for women and children.

Recommendation 3: Integrating Gender in Agricultural Nutrition Programs

- Design agricultural extension services that incorporate gender-sensitive nutrition training.
- Promote gender-responsive research on food security, dietary diversity, and women's nutritional needs.

- Encourage multi-sectoral collaboration to address gender disparities in food and nutrition security.

Theme 6 (One technical session): Gender-transformative approaches in agriculture

Recommendation 1: Bridging the Digital Divide for Women Farmers

- Expand digital literacy programs targeting rural women to improve their access to agricultural information and services.
- Promote affordable and accessible mobile-based agricultural advisory services tailored to women farmers.
- Ensure gender-inclusive policies in digital infrastructure development to enhance rural connectivity.

Recommendation 2: Supporting Women in Agri-Tech Innovations

- Encourage women's participation in agricultural technology development and entrepreneurship.
- Provide funding and mentorship opportunities for women-led agri-tech startups.
- Establish innovation hubs that focus on gender-responsive technological solutions in agriculture.

Recommendation 3: Leveraging Digital Platforms for Women's Market Access

- Facilitate women's access to e-commerce and digital marketing platforms for agricultural produce.
- Strengthen digital financial inclusion by promoting mobile banking and online payment solutions for women farmers.
- Develop gender-sensitive policies that integrate women into smart agriculture and digital extension services.

By implementing these recommendations, the agricultural sector can move towards a more inclusive and sustainable future, ensuring that women have equitable access to resources, decision-making opportunities, and economic empowerment.

Recommendations from Plenary Session on Women-led Dairying in India

Chaired by Dr V Sridhar, Senior General Manager (Cooperative Services), National Dairy Development Board (NDDB), Anand

Based on the insights from the NDDB plenary session on Women-led Dairying in India, here are three key recommendations:

- 1. Enhancing Women's Leadership in Dairy Cooperatives**
 - Implement targeted leadership development programs to increase women's representation in dairy cooperative boards and milk unions.

- Encourage policies that mandate a minimum percentage of women in leadership positions in dairy organizations.
 - Provide financial and institutional support to expand all-women dairy cooperative societies.
- 2. Capacity Building and Skill Development**
- Establish localized training centers and digital learning platforms to improve women's access to knowledge and skills in dairy management, financial literacy, and technology adoption.
 - Develop mentorship programs with successful women dairy entrepreneurs to support aspiring women in the sector.
 - Address mobility constraints by organizing training sessions in village centers and introducing mobile training units.
- 3. Expanding Women's Role in the Dairy Value Chain**
- Encourage women's participation beyond livestock management into fodder cultivation, dairy processing, and marketing.
 - Support women entrepreneurs in dairy-based value addition (e.g., organic fertilizers, dairy product diversification).
 - Introduce incentives for sustainable dairy practices, such as clean energy solutions and circular economy models, led by women.

These recommendations aim to strengthen women's involvement in dairying, ensuring economic empowerment and sustainable growth in India's dairy sector.



NDDDB Plenary Session on Women-led Dairying in India

Recommendations from Plenary Session II on Gender Perspectives in Agricultural Education, Research and Extension Chaired by Dr. B. Neeraja Prabhakar, Former Vice-Chancellor, Sri Konda Laxman Telangana State Horticultural University, Telangana.

- 1. Promoting Gender-Inclusive Agricultural Education**
- Introduce gender-sensitive curricula in agricultural universities to highlight women's contributions and challenges in farming.
 - Provide scholarships and mentorship programs for women in agricultural sciences, ensuring greater participation in higher education and research.

- Encourage female faculty recruitment and leadership in agricultural education institutions to serve as role models for aspiring women professionals.
- 2. Strengthening Women's Participation in Agricultural Research**
 - Increase funding for gender-responsive agricultural research that addresses women's specific needs in farming, livestock management, and agri-business.
 - Develop participatory research programs that involve women farmers in the co-creation of solutions, ensuring practical and impactful innovations.
 - Establish women-led agricultural research hubs focused on climate resilience, sustainable farming practices, and rural entrepreneurship.
- 3. Enhancing Gender-Sensitive Agricultural Extension Services**
 - Recruit and train more female extension officers to bridge the gap between women farmers and extension services.
 - Design tailored extension programs that consider women's mobility, literacy levels, and household responsibilities, including mobile and digital advisory services.
 - Promote the formation of women's self-help groups (SHGs) and farmer producer organizations (FPOs) to enhance access to training, credit, and market linkages.

These recommendations aim to create a more inclusive and equitable agricultural sector by empowering women through education, research, and extension.



Plenary Session II on Gender Perspectives in Agricultural Education, Research and Extension

Recommendations from Panel Discussion on Voices of Women Farmers on their Climate Action: Swatch Akash Chaired by Dr. Heenaben Dave, Vice President, Self Employed Women's Association (SEWA)

Based on the Panel Discussion by SEWA, here are three key recommendations:

- 1. Promoting Renewable Energy Solutions in Agriculture**
 - Expand the adoption of solar-powered pumps, inverters, and traps to improve agricultural productivity and reduce reliance on fossil fuels.

- Encourage government and private sector partnerships to develop solar parks and electricity generation projects for alternative income sources.
 - Provide training for women farmers on biogas, vermicomposting, and other eco-friendly farming techniques to build sustainable green villages.
- 2. Strengthening Women's Access to Technology and Financial Services**
- Facilitate custom hiring centers for e-vehicles and modern agricultural equipment, ensuring accessibility for women farmers.
 - Scale up digital platforms and mobile apps for better market linkages, enabling women collectives to sell their produce at competitive prices.
 - Promote innovative insurance schemes like parametric heat insurance, protecting women farmers from climate-related financial risks.
- 3. Enhancing Women's Entrepreneurship and Value-Addition in Agriculture**
- Support women-led cold storage and processing units for high-value agricultural products like apples, ensuring better market prices.
 - Encourage value-added food processing initiatives such as solar dehydration for fruit preservation, increasing farmers' incomes.
 - Strengthen women-led Farmer Producer Companies (FPCs) with mentorship from agricultural research institutions to enhance leadership and business skills.

These recommendations aim to empower women farmers, enhance climate resilience, and create sustainable income opportunities in agriculture.



Panel Discussion on Voices of Women Farmers

Recommendations from Special Session on Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food System Chaired by Ms. Nozomi Hashimoto, Deputy Country Director, World Food Programme (WFP), India

Based on the WFP Deliberations, here are three key recommendations:

- 1. Enhancing Women's Access to Climate-Resilient Agricultural Practices**
 - Implement participatory climate adaptation programs that integrate women farmers' traditional knowledge with modern climate-smart practices.

- Expand initiatives like the PICSA project to provide training on climate variability, resource management, and sustainable farming techniques.
 - Dedicate funding and resources to scale up women-led climate adaptation strategies, ensuring long-term agricultural resilience.
- 2. Strengthening Women's Role in Agri-Food Systems**
- Recognize indigenous women as key food producers and environmental stewards, integrating their traditional knowledge into mainstream agricultural policies.
 - Promote value chains for indigenous crops like millets, ensuring fair market access and economic sustainability for tribal women farmers.
 - Support indigenous women's leadership in food sovereignty initiatives by providing policy support and capacity-building programs.
- 3. Improving Market Access and Economic Empowerment for Women Farmers**
- Develop women-friendly market linkages and financial mechanisms to enhance their participation in agri-business.
 - Strengthen women-led self-help groups (SHGs) and Farmer Producer Organizations (FPOs) to facilitate collective bargaining power.
 - Address barriers such as geographic remoteness, language, and discrimination by ensuring inclusive policies for women farmers from marginalized communities.

These recommendations aim to empower women farmers, enhance their resilience, and create an equitable, sustainable agri-food system.



WFP Special Session Chaired by Ms. Nozomi Hashimoto, Deputy Country Director, World Food Programme, India

Recommendations from the Technical Session on Women and rural migration – A joint Session organized by IOM (International Organization for Migration) and FAO (Food and Agriculture Organization of the United Nations).

Create a supportive and inclusive environment that empowers rural women migrants by ensuring access to resources, opportunities, and a secure livelihood. Actively engage women in policy-making processes to ensure their voices, experiences, and perspectives are integrated into agricultural and rural development strategies. Improve women's access to timely and relevant information, modern technology, and digital tools to enhance their productivity and decision-making in agriculture and allied sectors. Strengthen healthcare infrastructure in rural areas to provide adequate medical facilities, ensuring the overall well-being and fitness of women for sustained economic participation. Address mental health challenges by offering regular counseling sessions at both individual and household levels, promoting emotional well-being and resilience. Enhance women's access to financial resources, including credit, insurance, and subsidies, to support entrepreneurship, self-employment, and sustainable livelihoods. Implement strict measures to prevent discrimination and ensure equal rights for women in workplaces, communities, and agricultural value chains. Provide adequate recognition for women's contributions to agriculture and rural development, fostering respect and inclusion within communities. Improve market access for women entrepreneurs by creating better linkages, offering business training, and facilitating participation in trade fairs and cooperatives. Strengthen skill-building and reskilling programs to equip women with knowledge and expertise in modern agricultural practices, agribusiness, and value-added processing. Establish robust mechanisms to protect women from abuse, exploitation, and gender-based violence, ensuring their safety and dignity in all aspects of life. Promote climate-resilient agricultural practices by training women farmers in sustainable techniques, resource conservation, and eco-friendly innovations. Encourage participation in cultural activities to foster social cohesion, preserve traditional knowledge, and provide women with platforms for self-expression and empowerment.

Recommendations from the Panel Discussion on Gender Transformative Approaches and Innovation in Agri-Food Systems – A Session organized by UN Women.

1. **Gender responsive Budgeting in agriculture** - Following different approaches, global practices, gender Impact assessment, gender mainstreaming on tax policy and their impact on different gender.

2. **Gender transformative approaches in agri-value chain:** A global prospective

Gender Analysis, **different activities in co-creation workshop, gender transformative approaches in both formal, informal type and for an individual change.**

3. **Integrating women needs of requirement into new product development & innovative.**

Gender Intentional product design for male and female gender. Improve the adaption of new varieties, different planting methods, and geography for the end users. Conducting focussed group discussion with scientific, farmers, stakeholders on a global basis.

Valedictory programme

During the Valedictory Programme of this Global Conference, Dr. Mridula Devi, Director, ICAR-CIWA and President RAGA and Organizing Secretary of the Global Conference welcomed the Chief Guest, Hon'ble Shri Gokulananda Mallick Ji, Minister of Fisheries and Animal Resources Development, Micro, Small and Medium Enterprises, Government of Odisha. In his address, Hon'ble Minister emphasized on the importance of empowering women in agriculture and 'Subhadra' Shakti scheme of the Government of Odisha as a significant step toward women's empowerment. He also stressed upon self-reliant women through animal husbandry, gaining increased income through initiatives like the Mukhyamantri Kamadhenu Yojana.



Hon'ble Shri Gokulananda Mallick ji, Minister of Fisheries and Animal Resources Development, Micro, Small and Medium Enterprises, Govt. of Odisha, graced the occasion as the Chief Guest during the Valedictory Function

The Conference provided a unique platform for the researchers, the policy makers, the academia, innovators, students, female and male farmers, women FPOs, entrepreneurs, industries, and other stakeholders to deliberate, exchange their knowledge and experiences, and derive the ways to mitigate the issues and challenges faced by women farmers and strategies to bridge the gender gap for sustainable agri-food system. With a theme centered on gender transformation, the conference emphasized on integrating gender-responsive policies and practices that can successfully drive sustainability, equity, and economic growth in agriculture and food systems. The event brought attention to the critical role of women and marginalized groups in agriculture, which has traditionally been a sector where gender disparities remain prevalent. By fostering an environment where both men and women can thrive, the conference underscored the importance of gender equality in achieving the

Sustainable Development Goals (SDGs), particularly in relation to poverty reduction, food security, and environmental sustainability.

On the occasion, Conference Souvenir-cum-Abstract Book, 'सशक्ति' राजभाषा पत्रिका, 'कृषिका काव्यांजलि'- Poetry Collection (Hindi) were released by the dignitaries. 'Sashakti' Award was also conferred during the Conference to Smt. Raimati Ghiuria, popularly known as 'Mandia Rani'-a Progressive Farmer from Koraput, Odisha; Ms Renu Sangwan from Haryana, Ms Merly Tom Kizhakayi from Meghalaya and Ms Junuma Mali from Assam for their exemplary contribution towards sustainability of agriculture and techno-socio-economic empowerment of hundreds of women in agri-food system. Thirty-five progressive women farmers and entrepreneurs across the different parts of India were also felicitated with 'Annapura Award' for their outstanding contribution in field of agriculture and allied sector. A total of 27 women-led custom hiring centres were also established to support women-led agricultural enterprises in the agriculture and allied sector.

Dr. Sabyasachi Roy, Regional Head, NDDB, Kolkata, emphasized strengthening women's roles in the dairy value chain to foster leadership in dairy cooperatives.

Dr Himanshu Bal, Head, United Nations World Food Programme (India Country Office), stressed upon strong market linkages for women farmers to facilitate women entrepreneurship.

During the 3-days event, over 500 delegates from all over the world participated in this conference in different technical sessions. Around 1500 women farmers and entrepreneurs from more than 20 states of India, along with dignitaries, various government agencies, FPOs/FPCs, SHGs, students actively participated in this global conference. A grand exhibition was also organized wherein 45 exhibitors from different parts of India showcased their women friendly agricultural technologies and products. As the events conclude, it is evident that empowering women and fostering gender-transformative approaches are not just a moral imperative but a practical necessity for achieving long-term sustainability in agri-food system.



‘Sashakti Award’ to progressive women farmers by Shri Gokulananda Mallik during the Valedictory Program



‘Annapurna Award’ to progressive women farmers and entrepreneurs from various parts of India for their outstanding contributions in the field of agriculture and allied sectors during the Global Conference (IIGASA) on the occasion of International Women's Day



Delegates and women farmers and entrepreneurs from more than 20 states of India



Hon'ble Shri Gokulananda Mallick Ji, Minister of Fisheries and Animal Resources Development, Micro, Small, and Medium Enterprises, Govt. of Odisha, visited the ICAR-CIEA exhibition stall



Inauguration of Exhibition Stall of National Dairy Development Board (NDDDB)



Inauguration of Exhibition Stall of ICAR-CIWA



Hon'ble Shri Gokulananda Mallick Ji, Minister of Fisheries and Animal Resources Development, Micro, Small, and Medium Enterprises, Govt. of Odisha, visited the OMFED exhibition stall

Committees

International and National Committees

Patron

Dr. Himanshu Pathak

Secretary (DARE) & Director General (ICAR) Indian Council of Agricultural Research (ICAR),

Ministry of Agriculture and Farmers Welfare, Government of India

National Advisory Committee

Dr. R.C. Agrawal, Deputy Director General (Agril Education), ICAR, New Delhi, India

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Dr. Raghavendra Bhatta, Deputy Director General (Animal Science), ICAR, New Delhi, India

Dr. S.K. Singh, Deputy Director General (Horticultural Science), ICAR, New Delhi, India

Prof. Aparajita Chowdhury, Vice-Chancellor, Rama Devi Women's University, Bhubaneswar, India

Dr. V. Geethalakshmi, Vice Chancellor, Tamil Nadu Agricultural University, Coimbatore, India

Dr. Neeraja Prabhakar Boga - Vice Chancellor - Sri Konda Laxman Telangana State Horticultural University, Hyderabad, India

Prof. Pravat Kumar Roul, Vice Chancellor, Odisha University of Agriculture & Technology, Bhubaneswar, India

Dr. Bimlesh Mann, Assistant Director General (EP&HS), Indian Council of Agricultural Research (ICAR), New Delhi, India

Sh. Samuel Praveen Kumar, Joint Secretary (Extension, AIF, Investment & Price Support), Department of Agriculture & Farmers Welfare, MoA & FW, Government of India

Dr. Gaya Prasad, Ex-Vice Chancellor, SVPUA&T Meerut and President, Pragati International Scientific Research Foundation (PISRF), Meerut, India Dr. Sabyasachi Roy, National Dairy Development Board (NDDB), Kolkata Smt. Megha Desai, Sr. Project Coordinator, SEWA, Ahmedabad, India

Dr. Mridula Devi, Director, (ICAR- CIWA) & President, Research Association for Gender Research (RAGA) at ICAR-CIWA, Bhubaneswar, India

Dr. P.S. BIRTHAL, Director, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi, India

Dr. Rajender Parsad, Director, ICAR-Indian Agricultural Statistics Research Institute, New Delhi, India

Dr. Amaresh Kumar Nayak, Director, ICAR- National Rice Research Institute, Cuttack, India

Dr. P.K. Sahoo, Director, ICAR- Central Institute of Freshwater Aquaculture, Bhubaneswar, India

Dr. A. Sarangi, Director, ICAR- Indian Institute of Water Management, Bhubaneswar, India

Dr. R.P. Singh, Director, ICAR- National Institute on Foot and Mouth Disease, Bhubaneswar, India

Programme Core Group

Chair: Dr. R.C. Agrawal, DDG (Agril Education), ICAR, New Delhi, India Co-Chair: Dr. Mridula Devi, Director, ICAR-CIWA, Bhubaneswar, India

Members

Dr. Bimlesh Mann, ADG (EP&HS), ICAR, New Delhi, India
Ms. Abhilasha Sood, Programme Analyst- Gender Responsive Budgeting-India Office, UN Women
Dr. Devashree Nayak, Gender & Social Inclusion Specialist- India Office, Food and Agriculture Organization of the United Nations (FAO)
Dr. Himanshu Bal, Head of Field Office-Odisha, India Office, World Food Programme
Dr. S.K. Sharma, ADG (HRD), ICAR, New Delhi, India
Dr. Sabyasachi Roy, National Dairy Development Board (NDDB), Kolkata

International Advisory Committee

Dr. Trilochan Mohapatra, Chairperson, Protection of Plant Varieties and Farmers' Rights Authority (PPVFRA), New Delhi, India.
Dr. R.C. Agrawal, Deputy Director General (Agril. Education), Indian Council of Agricultural Research (ICAR), New Delhi, India
Ms. Shaguna Gahilote, Program Analyst-India Office, UN Women. Dr. Takayuki Hagiwara, Country Representative for India, FAO.
Ms. Elisabeth Faure, Representative & Country Director for India, World Food Programme.
Dr. Muzna Alvi, Research Fellow, NRR Unit, IFPRI-SAR, New Delhi, India.
Dr. Ranjitha Puskur, Country Representative for India, IRRI, New Delhi, India
Dr. Ram Pratim Deka, Coordinator & Country representative for India, International Livestock Research Institute.
Dr. Arun Padiyar Panemangalore, WorldFish-Country Lead, India.
Dr. Shiv Kumar Agrawal, Country manager, South Asia & China Regional Program, ICARDA, New Delhi, India.
Dr. Jai Rana, Country Representative for India, Alliance Bioversity International
Dr. Meenesh Shah, Chairman and Managing Director, National Dairy Development Board (NDDB), Gujarat, India
Dr. Anil Kumar, Assistant Director General (Coordination), Indian Council of Agricultural Research (ICAR), New Delhi, India
Dr. Bimlesh Mann, Assistant Director General (EP&HS), Indian Council of Agricultural Research (ICAR), New Delhi, India
Dr. Ch. Srinivasa Rao, Director, ICAR- National Academy of Agricultural Research Management (NAARM), Hyderabad, India
Dr. Mridula Devi, Director, ICAR- Central Institute for Women in Agriculture (ICAR-CIWA), Bhubaneswar, India

Various Local Committees for organizing the Global Conference on ‘Innovations to Impact: Gender transformative Approach for Sustainable Agri-food system’ (IIGASA-2025), scheduled to be held during 08th to 10th March 2025 at ICAR-CIWA, Bhubaneswar, Odisha.

Sl. No	Committees	Members		Terms of Reference
1	Programme Core Group	Dr. R.C. Agrawal, DDG (Agril. Edn), ICAR	Chairperson	• Formulation of Conference objectives and themes, Conference partners, coordination and linkages with the Indian government, International Advisory Committee and other committees
		Dr. Mridula Devi, ICAR-CIWA	Co-Chairperson	
		Dr. Bimlesh Mann, ADG (EP&HS), ICAR	Member	
		Ms. Abhilasha Sood, India Office, UN Women	Member	
		Dr. Devashree Nayak, India Office, FAO	Member	
		Dr. Himanshu Bal, India Office, WFP	Member	
		Dr. S.K. Sharma, ADG (HRD), ICAR	Member	
		Dr. Sabyashachi Roy, NDDB	Member	
2	Program & Protocol	Dr. R.C. Agrawal, DDG (Agril. Edn), ICAR	Chairperson	• All matters relating to VVIPs/VIPs during the Conference • Identification of speakers for Plenary Sessions, development of run of show for conference plenary, Conference sponsors • Coordination with all the committees for different activities
		Dr. Mridula Devi, ICAR-CIWA	Co-Chairperson	
		Dr. Bimlesh Mann, ADG (EP&HS), ICAR	Member	
		Dr. Seema Jaggi, ADG (HRD), ICAR	Member	
		Dr. Anil Kumar, ADG (Coordination), ICAR	Member	
		Dr. S.K. Sharma, ADG (HRM), ICAR	Member	
		Dr. Ajit Singh Yadav, ADG (EQA&R), ICAR	Member	
		Dr. Sabyasachi Roy, NDDB	Member	
		Dr. Laxmi Narayan Sarangi, NDDB	Member	
		Dr. A.K. Panda, ICAR-CIWA	Member	
		Dr. S.K. Sarangi, ICAR-CIWA	Member	
		Dr. V.P. Chaudhary, ICAR-CIAE	Member	
		Dr. A.K. Mishra, (Vice President, RAGA), ICAR-NDRI	Member	
		Dr. Vanita Jain, (EP&HS), ICAR	Member	
		Dr. B. Sahoo, ICAR-CIWA	Member	
		Sh. Harish KM, ICAR-CIWA	Member	
		Sh. Prabhat Kumar Nayak, ICAR-CIWA	Member	
3	Scientific Committee	Dr. Mridula Devi, ICAR-CIWA	Chairperson	• Conference Website, reviews abstracts, abstracts selection and Technical Session planning, identifying Chairs for various
		Dr. Bimlesh Mann, ADG (EP&HS), ICAR	Co-Chairperson	
		Ms. Abhilasha Sood, India Office,	Member	

		UN Women		sessions, acceptance of abstracts, invitation to lead speakers, panellists, presenters, invitees and oversee the session run
		Dr. Devashree Nayak, India Office, FAO	Member	
		Dr. Himanshu Bal, India Office, WFP	Member	
		Dr. Sabyasachi Roy, NDDB	Member	
		Dr. S.K. Sarangi, ICAR-CIWA	Member	
		Dr. A.K. Panda, ICAR-CIWA	Member	
		Dr. V.P. Chaudhary, ICAR-CIAE	Member	
		Dr. Ananta Sarkar, ICAR-CIWA	Member	
		Dr. B. Sahoo, ICAR-CIWA	Member	
4	Registration Committee	Dr. Tanuja S., ICAR-CIWA	Chairperson	• Finalization of invitation card, Invitation of guests and other stakeholders • To arrange the registration kit • To register & maintain the proper records of the participants • Liaising with logistic committee
		Dr. Arpita Mohapatra, ICAR-CIWA	Member	
		Ms. Shrestha, NDDB	Member	
		Ms. Ashoke Biswas, NDDB		
		Dr. (Ms.) M. Sivashankari, ICAR-NRRI	Member	
		Dr. Pushpa Choudhary, ICAR-CIFA	Member	
5	Transport Committee	Dr. B. Sahoo, ICAR-CIWA	Chairperson	• Planning, arrangement and allotment of vehicles for conveyance of VVIPs/VIPs, delegates, participants, experts, farm women etc., liaising with accommodation committee
		Dr. S. Swain, ICAR-CIWA	Co-Chairperson	
		Sh. Harish KM, ICAR-CIWA	Member	
		Sh. Prabhat Kumar Nayak, ICAR-CIWA	Member	
		Dr. Sunil Kumar Sunani, RRC-IIPR	Member	
		Dr. S.K. Behera, ICAR-CIWA	Member	
		Er. Subrat Kumar Das, ICAR-CIWA	Member	
		Sh. Sunil Sahoo, ICAR-CIWA	Member	
6	Accommodation Committee	Dr. S. Swain, ICAR-CIWA	Chairperson	• Planning, arrangement and allotment of accommodation for VIPs, delegates, participants, experts, farm women etc., liaising with transport committee
		Dr. N. Panda, OUAT, Bhubaneswar	Co-Chairperson	
		Dr. Debabrat Sethi, ICAR-IIWM	Member	
		OIC, Guest House, ICAR-IIWM	Member	
		Smt. Geeta Saha, ICAR-CIWA	Member	
		Er. Subrat Kumar Das, ICAR-CIWA	Member	
		Ms. Tapaswini Sahoo, ICAR-CIWA	Member	
		Sh. Gaurav Dwivedi, ICAR-CIWA	Member	
		Sh. Sunil Sahoo, ICAR-CIWA	Member	
7	Food & Hospitality Committee	Dr. Praveen Jakhar, ICAR-CIWA	Chairperson	• Planning, arrangement of catering services for refreshment and lunch of VIPs, guests, farm women and delegates • Arrangement of drinking water in different halls during the
		Dr. S. Swain, ICAR-CIWA	Co-Chairperson	
		Dr. Harapriya Nayak, KVK CIFA	Member	
		Dr. Rajlakshmi Behera, ICAR-DPR (RS)	Member	
		Dr. Tania Seth, ICAR-CIWA	Member	

		Sh. Harish KM, ICAR-CIWA	Member	Conference including the technical sessions • Liaising with accommodation committee
		Sh. Prabhat Kumar Nayak, ICAR-CIWA	Member	
		Smt. Geeta Saha, ICAR-CIWA	Member	
		Sh. Sanglap Mukherjee, ICAR-CIWA	Member	
8	Publication Committee	Dr. Mridula Devi, ICAR-CIWA	Chairperson	• To collect, compile, edit and print Souvenir (book of abstracts), keynote lectures, any conference-related printed materials
		Dr. Bimlesh Mann, ADG (EP&HS), ICAR	Co-Chairperson	
		Dr. S.K. Sarangi, ICAR-CIWA	Member	
		Dr. A.K. Panda, ICAR-CIWA	Member	
		Ms. Abhilasha Sood, UN Women, India	Member	
		Dr. Devashree Nayak, India Office, FAO	Member	
		Dr. Himanshu Bal, India Office, WFP	Member	
		Dr. Sabyasachi Roy, NDDB	Member	
		Dr. V.P. Chaudhary, ICAR-CIAE	Member	
		Dr. S. Swain, ICAR-CIWA	Member	
		Dr. Gayatri Moharana, ICAR-CIWA	Member	
		Dr. Praveen Jakhar, ICAR-CIWA	Member	
		Dr. Ananta Sarkar, ICAR-CIWA	Member	
		Dr. B. Sahoo, ICAR-CIWA	Member	
9	Exhibition Committee	Dr. A.K. Panda, ICAR-CIWA	Chairperson	• Invitation and co-ordination with different stakeholders/institutions and entrepreneurs/WFPOs/WFPCs/S HGs for display of technologies and products • Arrangements of exhibition stalls
		Dr. G.A.K. Kumar, ICAR-NRRI	Co-Chairperson	
		Dr. Lipi Das, ICAR-CIWA	Co-Chairperson	
		Dr. Harapriya Nayak, KVK, ICAR-CIFA	Member	
		Mr. Darsh K Worah, NDDB	Member	
		Mr. Ankit Subarno, NDDB	Member	
		Dr. Surya Narayan Mishra, KVK, Puri, OUAT	Member	
		Dr. Chitrotpala Devadarshini, OUAT	Member	
		Dr. Arpita Mohapatra, ICAR-CIWA	Member	
		Sh. B.C. Behera, ICAR-CIWA	Member	
		Sh. Atul Chetan Hemrom, ICAR-CIWA	Member	
		Sh. Pramod Kumar Sahoo, ICAR-CIWA	Member	
10	Venue Management Committee	Dr. A.K. Panda, ICAR-CIWA	Chairperson	• Arranging venues/halls for inaugural and other sessions • Arrangement of stage as per the program, banner at different
		Dr. Gobinda Acharya, CHES	Co-Chairperson	
		Sh. Darsh K Worah, NDDB	Member	
		Sh. Soumyo Mishra, NDDB	Member	

		Dr. Ananta Sarkar, ICAR-CIWA	Co-Chairperson	strategic locations, dais arrangement, felicitation of guests & speakers • Arrangement of audio-visual aids, banners, etc.
		Dr. Praveen Jakhar, ICAR-CIWA	Member	
		Dr. Rahul Tripathi, ICAR-NRRI	Member	
		Dr. Sunil Kumar Sunani, RRC-IIPR	Member	
		Dr. Arpita Mohapatra, ICAR-CIWA	Member	
		Er. Chaitrali S. Mahtre, ICAR-CIWA	Member	
		Dr. Neetish Kumar, ICAR-CIWA	Member	
		Sh. Naresh Dahiya, Agril. Edn Div, ICAR	Member	
		Sh. Shaji A., ICAR-CIWA	Member	
		Er. Subrat K. Das, ICAR-CIWA	Member	
		Sh. Khalid Raza, ICAR-CIWA	Member	
11	Technical Sessions Management Committee	Dr. S.K. Sarangi, ICAR-CIWA	Chairperson	• To extend the support to Chairperson of various technical sessions, managing the poster sessions • Recording of proceedings of technical sessions in coordination with rapporteurs • Compilation of reports of technical sessions
		Dr. Jyoti Nayak, ICAR-CIWA	Co-Chairperson	
		Dr. Ranu Rani Sethi, ICAR-IIWM	Co-Chairperson	
		Dr. Arpita Mohapatra, ICAR-CIWA	Member	
		Dr. Tania Seth, ICAR-CIWA	Member	
		Dr. Ankita Sahu, ICAR-CIWA	Member	
		Dr. Neetish Kumar, ICAR-CIWA	Member	
		Sh. Shaji A., ICAR-CIWA	Member	
		Er. Subrat K. Das, ICAR-CIWA	Member	
		Sh. Khalid Raza, ICAR-CIWA	Member	
12	Poster Session Committee	Dr. S.K. Sarangi, ICAR-CIWA	Chairperson	• To plan and make necessary arrangements for poster sessions, including selection of location, arrangement of display boards and other items • Compilation of reports of different poster sessions
		Dr. Subrat Kumar Bhanja, ICAR-DPR	Co-Chairperson	
		Dr. K. Lakshmi Narayana, ICAR-CTCRI	Co-Chairperson	
		Dr. Chitrotpala Devadarshini, OUAT	Member	
		Dr. R. Neela Rani, PJTSAU, Hyderabad	Member	
		Dr. Sannapamma K.J., UAS, Dharwad	Member	
		Dr. Gayatri Moharana, ICAR-CIWA	Member	
		Dr. D.N. Sarangi, ICAR-CIWA	Member	
		Sh. Jyoti Ranjan Das, ICAR-CIWA	Member	
		Sh. Parikshit Mallik, ICAR-CIWA	Member	
		Sh. Bikram Biswas, ICAR-CIWA	Member	
13	Media & Publicity Committee	Dr. A.K. Panda, ICAR-CIWA	Chairperson	• Inviting media personnel, arrangement of photography & videography, preparation of press
		Dr. Sabita Mishra, ICAR-CIWA	Co-Chairperson	
		Dr. Laxmi Narayan Sarangi,	Member	

		NDDB		note, media coverage, website/ Facebook/ Instagram/ICAR news • Arrangement for voice recording
		Sh. Ankit Subarno, NDDB	Member	
		Dr. Tania Seth, ICAR-CIWA	Member	
		Dr. Ankita Sahu, ICAR-CIWA	Member	
		Dr. Neetish Kumar, ICAR-CIWA	Member	
		Sh. B.C. Behera, ICAR-CIWA	Member	
14	Social Events Committee	Dr. H.K. Dash, ICAR-IIWM	Chairperson	• All arrangements related to cultural event during the conference including selection and invitation of artists, stage/venue
		Dr. S. Swain, ICAR-CIWA	Co-Chairperson	
		Dr. Chakradhar Patra, OUAT	Co-Chairperson	
		Dr. Tanuja S., ICAR-CIWA	Member	
		Dr. Neetish Kumar, ICAR-CIWA	Member	
		Smt. Parisima Sen, ICAR-CIWA	Member	
		Smt. Bishnupriya Moharana, ICAR-CIWA	Member	
		Ms. Tapaswini Sahoo, ICAR-CIWA	Member	
15	Physical Arrangements Committee	Dr. Praveen Jakhar, ICAR-CIWA	Chairperson	• Beautification /decoration of the campus during the conference using flowers/plants/ green pots, etc. • Arrangement of tents for conference venue, exhibition, food area and other physical arrangements
		Dr. S. Swain, ICAR-CIWA	Co-Chairperson	
		Dr. L.P. Sahoo, ICAR-CIWA	Member	
		Dr. D.N. Sarangi, ICAR-CIWA	Member	
		Sh. Manoranjan Prusty, ICAR CIWA	Member	
		Sh. Prabhat Kumar Nayak, ICAR-CIWA	Member	
		Er. Pragati Rout, ICAR-CIWA	Member	
		Sh. Parikshit Mallik, ICAR-CIWA	Member	
16	Facilitation Committee	Dr. Gayatri Moharana, ICAR-CIWA	Chairperson	• Decoration/Rangoli at the conference venue/hall • To have the complete information about the technical sessions, accommodation and other logistics for guiding the delegates • Help desk, arrangements for optional field trips and social visits
		Dr. Arpita Mohapatra, ICAR-CIWA	Co-Chairperson	
		Smt. Tapswini Sahoo, ICAR-CIWA	Member	
		Dr. Laxmi Narayan Sarangi, NDDB	Member	
		Sh. Ashoke Biswas, NDDB	Member	

Technical programme

Technical programme

Global Conference

Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food System

08-10 March 2025

Venue: भा.कृ.अनु.प-केंद्रीय कृषिरत महिला संस्थान (ICAR-CIWA), भुवनेश्वर

ICAR-Central Institute for Women in Agriculture, Bhubaneswar

संयुक्त आयोजक/Jointly organized by

Research Association for Gender in Agriculture (RAGA)

With support from

NDDB, UN Women, FAO, WFP

दैनिक कार्यक्रम कार्यक्रम/DAY TO DAY PROGRAMME SCHEDULE

PROGRAMME SCHEDULE

Date and time	Programme	By
08 March 2025		
8:30 – 12: 00 hrs	Registration	All participants

उद्घाटन कार्यक्रम/INAUGURAL PROGRAMME

Date	Time	Venue
March 08, 2025	10:00 – 013: 45 hrs	ICAR-CIWA, Bhubaneswar
Zoom Link: https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1 Meeting ID: 852 9106 7907 Passcode: 5151		

Lunch Break 13:45–14:30 h

Day 1: March 08, 2025 14:30 – 15:30 h Venue: Shasakti Auditorium, ICAR-CIWA, Bhubaneswar Zoom Link: https://us02web.zoom.us/j/82454151038 Meeting ID: 824 5415 1038 Passcode: 7171		
Plenary Session I	Organized by National Dairy Development Board (NDDB) Topic: Women-led Dairying in India	
Chair:	Dr V Sridhar	Senior General Manager (Cooperative Services), NDDB, Anand
Co-Chair:	Shri Vijay Amruta Kulange	Managing Director, OMFED, Bhubaneswar

	Dr Sabyasachi Roy	Head (Eastern region), NDDB, Kolkata
Rapporteurs:	Dr Laxmi Narayan Sarangi Dr. Arpita Mohapatra	Scientist-II, NDDB Scientist, ICAR-CIWA, Bhubaneswar
Lectures	Topic	Speakers
Opening Remarks	Setting the context and importance of women in dairy Sustainable and Profitable Dairy Farming: The Role of Cooperatives Strengthening Women's Participation in Dairy Cooperatives: Lessons from the Eastern Region	Dr V Sridhar, Senior General Manager (Cooperative Services), NDDB, Anand Shri Vijay Amruta Kulange, Managing Director, OMFED, Bhubaneswar Head (Eastern region), NDDB, Kolkata
Lecture -01	Invest in Her, Invest in Our Future: How Women Farmer collectives are key to Sustainable Development in India	Ms Rachna Goel Deodhar, NDS, New Delhi
Lecture -02	Strengthening Dairy Cooperatives: Innovations and Challenges in the Northeast	Dr Tilak B Ghatani, Managing Director, Sikkim Milk Union
Lecture -03	NDDB's efforts in Capacity Building for women: challenges and opportunities	Ms Anindita Baidya, Group Head, Cooperative Training, NDDB, Anand
Oral presentation -01	Women's Leadership in Dairy: A Roadmap for Future Growth	Ms Ramshree Sharma, Chairperson, Maalav, MPO
Oral presentation -02	Strengthening Women's Role in Dairy Cooperatives: Lessons from the Field	Ms Savita Maurya, Director, Shwetdhara MPO
Oral presentation -03	Empowering Rural Women through Producer Companies: Challenges and Opportunities	Ms Rohini, Chairperson, Srijanee MPO
Oral presentation -04	Turning Milk into Prosperity: My Entrepreneurial Journey	Ms Renu Sangwan, Progressive Dairy Farmer, Jajjhar, Haryana
Oral presentation -05	Scaling New Heights in Dairy: Challenges, Achievements, and the Road Ahead	Ms Junuma Mali, Gopal Ratna Awardee, WAMUL, Assam
Panel Discussion	Harnessing Women's Leadership for a Thriving Dairy Sector	Panellist: All speakers
Q&A	Audience Q&A	All presenters
Call of action	Summarizing key takeaways and recommendations for future action	Dr V Sridhar, SGM, NDDB

Day 1: March 08, 2025 15:30 – 16:30 h Venue: Shasakti Auditorium, ICAR-CIWA, Bhubaneswar Zoom Link: https://us02web.zoom.us/j/82454151038 Meeting ID: 824 5415 1038 Passcode: 7171	
Plenary Session II	Gender Perspectives in Agricultural Education, Research and Extension

Chair:	Dr. R. C. Agrawal	Hon'ble DDG (Agri. Edn.), ICAR, New Delhi, India
Co-Chair:	Prof. P.K. Roul	Hon'ble VC, OUAT
Panelist	Prof. Aldas Janaiah	Hon'ble VC, PJTAU, Hyderabad
	Dr. B. Neeraja Prabhakar	Former Vice-Chancellor Sri Konda Laxman Telangana State Horticultural University (SKLTSHU) Telangana, India.
	Dr Neelam Grewal	Former Vice Chancellor, Guru Kashi University & Former Director, ICAR-CIWA, Bhubaneswar
	Dr. Ajit Singh Yadav	ADG (EQA&R), ICAR, New Delhi
	Dr. A. K. Nayak	Director, ICAR-CRRI, Cuttack
Rapporteurs:	Dr R. Vijaylaxmi,	Professor (F&N), TNAU, Madurai
Time	14:00 – 15:30 h	
Discussion		All presentations

Day 1: March 08, 2025, 16:30 – 17:30 h		
Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar		
Panel Discussion I	Session by Self Employed Women's Association (SEWA) Topic: Voices of Women Farmers on their Climate Action: Swatch Akash	
Chair:	Dr. Heenaben Dave	Vice President, Self Employed Women's Association (SEWA)
Co-Chair:	Dr. Jyotirmayee Udgata	Head, P. G. Department of Home Science Rama Devi Women's University
Rapporteur:	Dr. Ananta Sarkar	Pr. Scientist, ICAR-CIWA
Panelist	SEWA Memebtrs 1) Heenaben Dave - SEWA's Vice President - Chief of Honour 2) Poonamben - Moderator and Translate in English 3) Sangitaben - Swatch Akahs and Haryadu village 4) Durgaben Tretia - Greeting salt production 5) Kaileshkuwar Rajasthan for e mobility in agriculture 6) Shabnamben - Organising and forming women led apple cold storage and supply chain kashmir	

	4-5 women farmers & entrepreneurs	
	Mrs Kumudini Swain	MAHEERA, FPC
	Mrs Gouripriya Mohapatra	CIWANI, FPC
	Mrs Rosalin Behera	SISHU ANANTA, FPC

Concurrent Session Day 1: March 08, 2025 16:30 – 17:30 h Venue: Shasakti Auditorium, ICAR-CIWA, Bhubaneswar Zoom Link: https://us02web.zoom.us/j/82454151038 Meeting ID: 824 5415 1038 Passcode: 7171		
Technical Session 1.1 & 1.2	Gender issues and policy support in agriculture • Socio-cultural lens on women in agriculture • Gender gaps in access to land ownership and tenure security, resources and services	
Chair:	Dr Anuradha Agrawal	Project Director, ICAR-DKMA, New Delhi
Co-Chair:	Dr. Ranjitha Puskur	Principal Scientist - Gender and Livelihoods, Module Leader-Evidence, CGIAR GENDER Platform, Sustainable Impact Department, IRRI
Rapporteurs:	Dr Sabita Mishra	Principal Scientist, ICAR-CIWA
Invited lectures	Topic	Speakers
Keynote speaker- 01	Issues in women led development in agriculture	Dr Anuradha Agrawal
Lead Lecturers -01	Gender transformative innovations and extent of impact on livelihood of women farmers in South Asia	Dr. Ranjitha Puskur
Oral presentations	Selected oral presenter	Selected topics
Physical	Kapila P	The role of women in agriculture and allied sectors of Punjab
Virtual	Veenu Sangwan	Impact of COVID on food intake, lifestyle and expenditure pattern on different foodstuffs among rural families
Physical	Puspita Das	Social security and health security of farm women – A study in Meghalaya

Physical	Ananta Sarkar	Women empowerment in rice production: does gender gap exist in Odisha, India?
Physical	Mayuri Bora	Role of women in agriculture, their access to productive resources, and status as farmers
Physical	Salam Prabex	Gender analysis in assessment of extension and advisory services (EAS) among the livestock farmers: evidences from the north-eastern region of India
Virtual	Dina Najjar	She inherits, she sells: community-based theater to strengthen women land rights and entrepreneurship
Physical	Arun Kumar Panda	Effect of supplemental amino acids to low protein diets on production performance, egg quality and serum biochemical parameters of gramapriya laying hens
Physical	Arun Kumar Misra	Gender participation in dairy production systems in Leh-Ladakh
Physical	Moloya Gogoi	Entrepreneurial Challenges and Opportunities for Farm Women: A Socio-Economic and Agricultural Perspective
Physical	Tulika Baruah	Traditional and Indigenous Knowledge (ITK) Practices of Women in Assam for Maintaining Maternal Health
Virtual	Priyanshu Shekhawat	Gender Disparities in Knowledge and Technology Transfer
Virtual	Anushka Tiwari	Farm Women in Post-harvest Activities: A study on health status of farm women involved in post-harvest activities of Water Chestnut crop

CULTURAL PROGRAMME: -7:00 PM ONWARDS

Day 2: March 09, 2025 | 09:00 – 10:30 hrs

Venue: Shasakti Auditorium, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://us02web.zoom.us/j/82454151038>

Meeting ID: 824 5415 1038

Passcode: 7171

Technical Session 1.3	Gender issues and policy support in agriculture Intersectionality in agricultural policies, exploring how intersecting factors such as age, disability and ethnicity affect women's experiences in agriculture	
Sub theme		
Chair:	Prof. S. N. Mishra	Professor and Head, Agricultural Economics, College of Agriculture, OUAT, Bhubaneswar
Co-Chair:	Dr. Braja Bandhu Swain	Research Project Coordinator (Agricultural Economist), International Livestock Research Institute (ILRI), New Delhi Office, Delhi, India
Rapporteur:	Dr. Praveen Jakhar	Pr. Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topic	Speakers
Keynote speaker-01	Gender-Responsive Climate-Smart Rice Cultivation for Sustainable Production and Income Enhancement in Africa	Dr. Jummai Yila
Lead Lecturers - 01	How far we addressed the impact of climate change on women livestock keeper: A Policy Perspective	Dr. Braja Bandhu Swain
Oral presentations	Selected oral presenter	Selected topics
Physical	Prastuti Bharadwaj	Awareness of rural women regarding government schemes in agricultural and allied sectors in Jorhat district of Assam
Virtual	Rujan J	Evaluating Governance in Marine Primary Fisherwomen Cooperative Societies of Kanyakumari, Tamil Nadu
Virtual	Sweta Maurya	Empowering Rural Women in Agriculture: Addressing Socio-Economic and Health Challenges
Physical	Apurwa Sailja Kachhap	Strengthening women leadership in governing the Commons: Challenges and promising interventions
Physical	Prachi Bisht	The Invisible Burden: Uncovering Stress in the Lives of Farm Women
Physical	Bijaya Laxmi Sahu	Gender issues and women's participation in forest-based livelihood options in Meghalaya
Virtual	Vishakha Bansal	A study on existing livelihood systems and livelihood security of rural women in Rajasthan state
Physical	Biswanath Sahoo	Mainstreaming Gender Equity through Programmes and Schemes in Livestock sector

Physical	Hariom Katiyar	Gender Disparities in Agriculture: Evaluating Policy Support and Pathways for Inclusive Growth
Virtual	Nikita Danu	Female students in Agricultural studies and their motivating factors

Con-current session Day 2: March 09, 2025 | 09:00 – 10:30 h

Venue: Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

Technical Session 1.4 & 1.5	Gender issues and policy support in agriculture - Emerging gender issues and policy support in agriculture and allied sectors - Gender gap in agricultural education, research and extension	
Chair:	Dr. Mridula Devi	Director, ICAR-CIWA, Bhubaneswar, Odisha, India
Co-Chair:	Dr. Pritishri Parhi	Dean, College of Community Science OUAT, Bhubaneswar, Odisha, India
	Dr Rajeev Sharma	Deputy Director, VOTI, FARD, Odisha
Rapporteur:	Dr. Harapriya Nayak	Sr Scientist & Head, ICAR-CIFA, Bhubaneswar
Invited lectures	Topic	Speakers
Keynote Speaker- 01	Techno-Scio-Economic Empowerment of Women in Agriculture through inclusive approaches	Dr Mridula Devi , Director, ICAR-Central Institute of Women in Agriculture, Bhubaneswar
Lead Lecturers - 01	Role of women in Agri-food system for dietary diversities	Dr. Deeptimayee Jena, Ex-Professor (F&N), OUAT, Bhubaneswar
Lead Lecturers - 02	Harvesting empowerment: Women leading change in agriculture, fisheries and ARD sectors	Dr Rajeev Sharma, Deputy Director, VOTI, FARD, Odisha
Oral presentations	Selected oral presenter	Selected topics
Physical	Ananta Sarkar	Trends in female participation in agri-higher education in India: a longitudinal analysis
Virtual	Monu Kanwar	Gender gap in agriculture education, research and extension

Virtual	Monu Kanwar	Gender issues and policy support in agriculture
Physical	Nita Gaikwad	Gender Gap In Agricultural Education, Research and Extension
Virtual	Vishakha Bansal	Socio-economic status and health status of agrarian farm women involved in drudgery prone activities
Virtual	Prakriti	Auspicious Modern Ayurveda & Phytoplankton Genome Tourisms Having With Holy Phytoplankton Inc, Cellulose Inc, Glucose Inc, Honey Inc, Yeast Inc &
Virtual	Nidhi	Exploring the Determinants of Women's Participation in Agri-Food System: Case Study of Bihar
Physical	Meghajit Shijagurumayum	A methodological guide for designing targeted interventions to advance gender equality in the agri-food value chain: Insights from Assam small tea sector, India
Virtual	Myvizhi S	Women in Paddy fields: Where does mechanization situate them?

Con-current session Day 2: March 09, 2025 | 09:00 – 10:30 hrs

Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://zoom.us/j/97327415303?pwd=sNLuilbZoJAKiLaVLr069PoHM24B7a.1>

Meeting ID: 973 2741 5303

Passcode: 3131

Technical Session 2.1	Gender-responsive agricultural production practices • Gender-responsive practices in crop & horticulture sector	
Chair:	Dr Manish Das	Director, ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat
Co-Chair:	Dr Sukanta Kumar Sarangi	Head, DATW, ICAR-CIWA, Bhubaneswar
Co-Chair:	Dr Gobinda Acharya	Head, ICAR-CHES, Bhubaneswar
Rapporteurs:	Dr. Ankita Sahu	Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topics	Speakers
Keynote speaker-01	Women Empowerment through Medicinal and Aromatic Plants	Dr. Manish Das, Director, ICAR-DMAPR, Anand, Gujarat
Lead Lecturers -01	Gender-friendly Zero Tillage Potato Cultivation with Paddy Straw Mulching	Dr. S. K. Sarangi, Head, DATW, ICAR-CIWA, Bhubaneswar
Oral presentations	Selected oral presenter	Selected topics
Physical	Ankita Sahu	<i>Azotobacter</i> -Assisted Nitrogen Management for Eco-Friendly Papaya Cultivation
Physical	Ankita Sahu	Gender-Inclusive Technological Interventions in Community Mango

		Orchards
Physical	Laxmi Priya Sahoo	Evaluating seed storage and availability constraints limiting the sustainable cultivation of sunflower involving women in coastal Odisha
Physical	Rohan Prasad Gupta	Involvement of farm women in post-harvest management activities in Deoghar district of Jharkhand
Physical	Sukanta Kumar Sarangi	Hydroponics: A Women-friendly Cultivation Practice for Augmenting Household Income and Nutrition
Virtual	Kalpana B	Gender-Responsive Practices in Horticulture: Assessing Women's Participation and Decision-Making in Kolar District, Karnataka
Virtual	Vishakha Bansal	Identification of Need Based Technologies for Farm Women In Agricultural And Allied Sectors
Physical	Sonali Swagatika	Assessing the Effect of Future Land Use and Land Cover Changes on Streamflow in the Brahmani River Basin
Physical	Tania Seth	Assessment of Antioxidant Potential of French bean (<i>Phaseolus vulgaris</i> L.) Genotypes
Virtual	R. A. Jat	Conservation Agriculture in conjunction with micro irrigation reduces drudgery and improves labour and other resource use efficiency in blackgram-mustard cropping system
Physical	Soumyadeep Thakur	Advanced Machine Learning Modelling for Predicting Crop Residue Burning Among Women Farmers
Physical	Sangeeta Mohanty	Assessing the Environmental and Economic Benefits of DSR over TPR: A Comparative Analysis on Methane Emissions and Grain Yield
Virtual	Abhishek Belli M	Influence of direct seeded rice method of cultivation on biophysical, physiological and yield parameters in rice genotypes (<i>Oryza sativa</i> l.)

Con-current session Day 2: March 09, 2025 | 10:30 – 12:00 h

Venue: Sashakti Auditorium , ICAR-CIWA, Bhubaneswar

Zoom Link: <https://us02web.zoom.us/j/82454151038>

Meeting ID: 824 5415 1038

Passcode: 7171

Technical Session 2.2.1	Gender-responsive agricultural production practices • Gender-responsive practices in Animal Husbandry	
Chair:	Dr. Bimlesh Mann	ADG (EP & HS), ICAR, New Delhi
Co-Chair:	Dr. A. K. Panda	Head, GFCS, ICAR-CIWA, Bhubaneswar
Rapporteurs:	Dr. Biswanath Sahoo	Pr. Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topics	Speakers
Keynote speaker- 01	Dairy technologies for production of affordable quality products and Women Empowerment	Dr. Bimlesh Mann, ADG (EP & HS), ICAR, New Delhi
Lead Lecturers -01	Gender inclusiveness for sustainable agri-food system in livestock sector	Dr. A. K. Panda, Head, GFCS, ICAR-CIWA, Bhubaneswar
Oral presentations	Selected oral presenter	Selected topics
Physical	P.Sreedevi	Factors Influencing Decision Making Related To Dairy Activities Among Farm Women
Physical/Virtual	Aishwarya Dash	Conventional And Complementary Therapy In Animal Science-A Toolkit for Women-Friendly Livestock Farming
Physical	Bindia Dutt	Participation and Decision-making role of Hill Farm Women of Kangra District, Himachal Pradesh in Dairy management
Physical	Youdol Tsewang,	Gender Participation in Dairy Production Systems in Leh-Ladakh
Physical	Arpita Mohapatra	Harnessing the potential of sheep milk for women empowerment
Physical	Biswanath Sahoo	Broiler Goat Farming in Black Bengal Goats for Enhancing Productivity and Income of Farm women in Coastal belt of Odisha
Physical	Biswanath Sahoo	Effect of feeding Hybrid Napier Fodder on Growth performance of Black Bengal Goats in Coastal belt of Odisha
Physical	Biswanath Sahoo	Sugarcane Fodder: Perceived attitude of farm women in feeding dairy animals in Coastal belt of Odisha
Physical	Rabindra Prasad Singh	Holistic approaches for livelihood & financial security through goat & poultry value chain
Physical	Lipsmita Samal	Opportunities and Constraints of Backyard Poultry Production among Lodha tribes of Odisha

Physical	Rajalaxmi Behera	Performance of Kuttanad-Chemballi ducks under climatic conditions of Odisha
Physical	Arpita Mohapatra	Four A for Dairying”: a Need-Based Intervention Framework for Empowering Women in Dairy Farming
Physical	Braja Bandhu Swain	Impact of Natural Disasters on Women Livestock Keepers: A Case Study from three Indian States

Con-current session Day 2: March 09, 2025 | 10:30 – 12:00 h

Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://zoom.us/j/97327415303?pwd=sNLuilbZoJAKiLaVLr069PoHM24B7a.1>

Meeting ID: 973 2741 5303

Passcode: 3131

Technical Session 2.2.2	Gender-responsive agricultural production practices • Gender-responsive practices in fisheries & aquaculture	
Chair:	Dr. J. K. Sundaray	Head, ICAR-CIFA, Bhubaneswar
Co-Chair:	Dr Sharmista Barthakur	Pr Scientist, ICAR-NIPB, New Delhi
Rapporteur:	Dr Tanuja S.	Sr. Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topics	Speakers
Keynote speaker- 01	Genetics and genomics for sustainable aquaculture	Dr. J. K. Sundaray Head, ICAR-CIFA, Bhubaneswar
Lead Lecturers -01	Selective breeding in fresh water aquaculture for smallholders	Dr Abhinav Rasal, ICAR-CIFA, Bhubaneswar
Oral presentations	Selected oral presenter	Selected topics
Physical	Shailendra Mohan Raut	Socio-economic Empowerment of Women through Aquatic crops-based Integrated Aquaculture Technologies in North Bihar
Physical	P. R. Sahoo	Community success through adoption of scientific fish culture in community ponds
Physical	Tanuja S	Gender Inclusive Climate Resilient Integrated Aqua-Horticulture for Livelihood Diversification and Nutritional Security

Physical	Tanuja S	Fish silage: a women friendly, waste to wealth technology
Physical	Prativa Sahu	Effect of liquid fertilizer and aquaponic system on different types of lettuce in hydroponic based-vertical farming system
Physical	E M Chhandaprajnadarsini	Fostering Women Entrepreneurship through Freshwater Pearl Farming

Day 2: March 09, 2025 10:30 – 12:00 h

Venue: Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

Technical Session 2.3	Gender-responsive agricultural production practices • Nutrition-sensitive agricultural production fostering nutrition and health	
Chair:	Dr. P.J. Mishra	Dean, Extension, OUAT
Co-Chair:	Dr Sunil Chaudhari	Potato Breeder, International Potato Center, Vietnam
Rapporteurs:	Dr Ravi, Assistant Professor	UAS, Dharwad
Time	15:30 – 17: 00 h	
Invited lectures	Topics	Speakers
Keynote speaker- 01	Nutri-sensitive agriculture practices for fostering nutrition and health of farm families	Dr. P.J. Mishra Dean, Extension Education, College of Agriculture, OUAT, Bhubaneswar
Lead Lecturers -01	Bio-fortification in potato and sweet potato: strengthening food and nutritional security in tropical and subtropical agroecologies of the Global South	Dr Sunil Chaudhari Potato Breeder, International Potato Center, Vietnam
Oral presentations	Selected oral presenter	Selected topics
Virtual	Veenu Sangwan	Food consumption pattern and dietary information of farm families from adopted villages of AICRP under Nutri-Smart Project
Physical	T. Kamalaja	Formulation and Standardization of Value-added Products using Low GI Rice Variety RNR 15048
Physical	Mayuri Bora	Knowledge, Attitude And Practices Related To Nutrition Among The

		Farm Families Of Jorhat District
Physical	Khushboo Yadav	Effectiveness of Nutritional Intervention for Educating Rural Farm women of Telangana State
Virtual	Neelam Kumari	Nutrition-sensitive Agricultural Production: A Path for Better Nutrition
Virtual	Geetha M Yankanchi	Nutri-Farming: A Sustainable approach for Micronutrient security
Virtual	Latha Rani R	Enhancing Nutritional Security in Rural Communities: A Case Study of the Nutrition Smart Village beneficiary in Bodhguru Village, Karnataka
Virtual	Savita Kumari	Comparative study of Household Dietary Diversity through Nutrition Garden
Physical	Tania Seth	JANANI Model: A Gender-responsive Nutri-garden for Enhancing Dietary Diversity & Household Nutrition
Virtual	Vishakha Singh	Nutritional Security of Farm Women of Udaipur District, Rajasthan
Physical	Pallavi Talukdar	Traditional and Indigenous Knowledge (ITK) Practices of Women in Assam for Maintaining Maternal Health
Physical	Jyoti Nayak	Women Empowerment And Sustainable Development Through Nutri Smart Village Programme
Virtual	Cherukuri Anusha	Nutritional Characterization of <i>Moringa oleifera</i> Leaves: A Potential Superfood
Physical	Saloni Chauhan	measuring the variability of cooking method and storage temperature in legumes for enhancing resistant starch and dietary fiber
Physical	Ashis Maity	Novel methionine-based micronutrient formulation boosted pomegranate productivity and bio-fortified fruits with micronutrients
Physical	Raj Pathania	Psychological well-being of farm women in Himachal Pradesh: an overview

Con-current session Day 2: March 09, 2025 12:00 – 13:30 h

Venue: Sashakti Auditorium, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://us02web.zoom.us/j/82454151038>

Meeting ID: 824 5415 1038

Passcode: 7171

Technical Session 2.4, 2.5 & 2.6	Gender-responsive agricultural production practices	
	• Integrated farming systems for sustainable agri-food systems • Organic farming and women's empowerment • Impact of climate change on women farmers and the need for gender-responsive adaptation strategies	
Chair:	Dr Shanti Kumar Sharma	ADG (HRM), Agricultural Education Division, ICAR, New Delhi
Co-Chair:	Dr. Jyotirmayee Udgata	Assoc. Prof. and Head P. G. Department of Home Science, Rama Devi Women's University, Vidya Vihar, Bhubaneswar, Odisha, India
Rapporteurs:	Dr Sangeeta Deo	Professor, RPCAU, Pusa, Samastipur Bihar
Invited lectures	Topics	Speakers
Keynote speaker- 01	Natural Farming for Transition to Sustainable Food System	Dr Shanti Kumar Sharma ADG (HRM), Agricultural Education Division, ICAR, New Delhi
Lead Lecturers -01	Climate vulnerabilities and its impact on women in agriculture	Dr. Jyotirmayee Udgata, Assoc. Prof. and Head P. G. Department of Home Science, Rama Devi Women's University, Vidya Vihar, Bhubaneswar, Odisha, India
Oral presentations	Selected oral presenter	Selected topics
Physical	Arun Kumar Panda	Feminine Farm Operations in Integrated Farming System - A case study of Eastern Coastal Plain of Odisha
Virtual	Radhika Damuluri	The role of Organic Farming in Empowering Women: An analysis
Physical	Harapriya Nayak	Empowering Farmwomen for a Sustainable Agri-Food System through Integrated Farming
Physical	Ankita Sahu	<i>Azotobacter</i> -Assisted Nitrogen Management for Eco-Friendly Papaya Cultivation
Physical	R. Neela Rani	Adapting to Change: Risk-Taking Behaviour of Farm Women In Response to Climate Challenges
Virtual	Deepa Vinay	Assessment of Climate Change Vulnerability in Udham Singh Nagar district of Uttarakhand State
Virtual	Pradeep Kumar T L	An Assessment of Economic Viability of Integrated Farming System Module Practicing Farmers in North-Eastern Dry Zone (Zone-II) of Karnataka
Physical	Jakkawad, S.R	Impact of Climate Change on Women Farmers and the need for Gender- Responsive Adaptation Strategies
Physical	Nita Gaikwad	Climate Change and Its Impact on Biological System In Selected Agro Ecological Region of Maharashtra

Virtual	Shehanaz Alam	Gendered Vulnerability to Climate Change in the Indian Sundarban Delta: A Machine Learning and Participatory Approach
Virtual	Vishakha Bansal	A study on existing livelihood systems and livelihood security of rural women in Rajasthan state
Virtual	Rajesh Kumar	The Impact of Agricultural Extension Tools on the Empowerment of Women Farmers

Concurrent session Day 2: March 09, 2025 12:00 – 13:30 h

Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://zoom.us/j/97327415303?pwd=sNLuIlbZoJAKiLaVLr069PoHM24B7a.1>

Meeting ID: 973 2741 5303

Passcode: 3131

Technical Session 3.1 & 3.2	Agri-innovations for Women in Agribusiness	
	- Access to technology, digital literacy and engagement of women with agri-tech innovations - Technological innovations in gender-friendly tools & equipment	
Chair:	Dr. Jatinder Kistawadia	Former Director, ICAR-CIWA & Chairperson, KIRAN Division, Department of Science and Technology, GOI, New Delhi
Co-Chair:	Dr. Kalpana Raiguru	Dean PG Faculty, OUAT, Bhubaneswar
Rapporteurs:	Dr. Gayatri Moharana	Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topics	Speakers
Keynote speaker- 01	Women empowerment in Post-harvest Sector through Processing and value addition	Dr. Kalpana Raiguru, Dean PG Faculty, OUAT, Bhubaneswar
Lead Lecturers -01	Performance evaluation of the ergo-designed modified CIFT manually operated fish descaler	Jyoti Nayak, Principal Scientist, ICAR-CIWA, Bhubaneswar
Oral presentations	Selected oral presenter	Selected topics
Virtual	Simran Kaushal	Influence of social media usage on food choices and nutritional status on school going adolescent girls residing in urban areas of Punjab
Physical	Bineeta Satpathy	Rural women digital literacy: breaking barriers in Bihar
Virtual	Shivani Jha	A study on utilization pattern and constraints faced by farm women

		while using ICT tools
Virtual	Iniya V	Breaking Glass Ceilings: Women Entrepreneurs Transforming Agri Startups
Virtual	Bhawna Bhatia	Digital Financial Literacy for Women Ag66ripreneurs: The Role of Social Media and Fintech
Virtual	G.Tejaswini Reddy	Bridging the Digital Divide: Analyzing Women's Access to Technology, Digital Literacy, and Engagement with AgriTech Innovations Using Statistical Models
Physical	Amirta Das	How Women Farmers in Odisha, India are Leading the Digital Agriculture Revolution through Data-Based Decision Making: A Gender Transformative Success Story of a Women-Led FPO
Virtual	Aruna Rana	Acceptability of selected land preparation tools in Himachal Pradesh
Physical	Nabaneeta Gogoi	Exploring st. Thomas bean starch as an eco-friendly alternative in textile sizing and printing processes
Physical	Nabaneeta Gogoi	Antimicrobial potential of selected green extracts for textile applications
Physical	J Lenka	Empowering women tribal farmers through solar powered irrigation system: a case study from Koraput district
Physical	Nita Gaikwad	Adoption of Knowledge, Attitude and Practices of Gender Friendly Technologies among Tribal Farm Women from Eastern Plateau
Virtual	Ritu Meena	Access to technology digital literacy and engagement of women with agri tech innovation

Con-current session Day 2: March 09, 2025 12:00 – 13:30 h

Venue: Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1 Meeting ID: 852 9106 7907 Passcode: 5151		
Technical Session 3.3.1	Agri-innovations for Women in Agribusiness Post-harvest processing and value addition for profitable agriculture (Part I)	
Chair:	Dr. L. M. Garnayak	Director of Research, CAU, Imphal, Manipur
Co-Chair:	Dr. Laxmikanta Nayak	Head, TOT, ICAR-NINFET, Kolkata
Rapporteurs:	Dr. Surya Tushir	ICAR-CIPHET, Ludhiana
Invited lectures	Topics	Speakers
Keynote speaker- 01	Women empowerment through post-harvest processing and value addition in natural fibres	Dr. Laxmikanta Nayak, Head, TOT Division, ICAR-NINFET, Kolkata
Lead Lecturers -01	Post-harvest processing and value addition for profitable agriculture: Economic potential of <i>Agave cantula</i> (Ramban) fibre for Himalayan farmers	Dr. Sapna Gautam, Unit Coordinator, AICRP on WIA, CSKHPKV, Palampur
Oral presentations	Selected oral presenter	Selected topics
Physical	U. S. Pal	Retort pouch processing of paddy straw mushroom (<i>Volvariella volvacea</i>)
Physical	Navneet Kumar	Empowering women in agribusiness through post-harvest innovations: ready-to-reconstitute khaman
Physical	Nabaneeta Gogoi	Transforming agro-waste from okra (bhindi) into sustainable products: a pathway to women's empowerment
Virtual	Pankaj Bharali	A comparative study on chemical attributes of water retted and mechanically extracted banana (<i>Musa balbisiana</i>) pseudo stem fibre
Virtual	Divya, C	Processing and quality evaluation of tender jackfruit (<i>Artocarpus heterophyllus</i> L.) Flour
Physical	R. K. Rout	Role of self-help groups (SHGS) in agri-business and product development from aquatic crops

Virtual	Usha, M	Processing and development of value-added food products from air potato (<i>Dioscorea bulbifera</i>)
Physical	Rohan Prasad Gupta	Involvement of farm women in post-harvest management activities in deoghar district of jharkhand
Virtual	Ranjana Verma	Development, optimization, and evaluation of a low glycemic index multigrain mix for effective management of prediabetes
Physical	L K Nayak	Agricultural technology management agency (ATMA) sponsored exposure visit cum skill development trainings on jute handicrafts & bags: a new approach for women empowerment
Physical	L. Ammayappan	A potential value addition protocol for the residuals from food and fibre yielding crops
Virtual	Deepika Goswami	Spinach based Food Ink: Role of Particle Size in Functional Properties and 3 D Food Printing
Physical	Himanshu Kumar Singh	Development of Milk-Flaxseed-Based Fermented Beverage for Addressing Female Hormonal Health
Physical	Supriya Priyadarsani	Influence of <i>Thalkudi</i> Leaves on Cooking and Sensory Properties of Aromatic Rice based Farfalle

Lunch Break: 13:30 – 14:30 hrs

Day 2: March 09, 2025 14:30 – 16:00 h

Venue: Sashakti Auditorium, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://us02web.zoom.us/j/82454151038>

Meeting ID: 824 5415 1038

Passcode: 7171

Technical Session 3.4 & 3.5	Agri-innovations for Women in Agribusiness • Drudgery and occupational health hazards among farm women • Application of digital technologies for smart agriculture	
Chair:	Dr. Neelam Grewal	Former Vice Chancellor, Guru Kashi University & Former Director, ICAR-CIWA, Bhubaneswar
Co-Chair	Dr. A. Sarangi	Director, ICAR-IIWM, Bhubaneswar
Co-Chair:	Dr. S. K. Mohanty	Retd. Professor, FMP, OUAT
Rapporteurs:	Dr. Neetish Kumar	Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topic	Speakers
Keynote speaker-01	Precision Agriculture for Sustainable Agri-food System	Dr. A. Sarangi, Director, ICAR-IIWM, Bhubaneswar
Lead Lecturers -01	Improved farm tools and machinery to address drudgery of women farmers	Dr. S. K. Mohanty, Retd. Professor, FMP, OUAT
Oral presentations	Selected oral presenter	Selected topics
Virtual	Nabaneeta Gogoi	Development and functional assessment of protective clothing for agricultural workers to reduce occupational health risks
Physical	E. Shirin Hima Bindu	Assessment of occupational health hazards among farm women in cultivation of cucurbits in pandal systems
Physical	Neena Vyas	A study of women workers in spice industry: an ergonomic assessment
Physical	Ranima Saikia	Occupational health hazards among farm women in paddy transplanting activity
Physical	Sannapapamma KJ	Work efficiency and comfortability assessment of UV protective farm apron among farm women
Physical	Moonty Baruah	Ergonomic evaluation of farm women's drudgery in harvesting of rice
Physical	Gayatri Moharana	Ergonomic interventions for drudgery reduction of women workers involved in turmeric cultivation
Virtual	Sangeeta Deo	Awareness and skill enhancement of hand operated multiseed dibbler among farm women
Virtual	R R Potdar	Designing tractors for all: a gender-

		inclusive approach to operator comfort
Virtual	Hemu Rathore	Occupational Drudgery and Health Hazards in Opium Incision: A Study on Men and Women Farmers in Pratapgarh District, Rajasthan
Physical	Chaitrali Shashank Mhatre	Easy harvest bag: an innovative solution for mitigation of drudgery issues in harvesting operations
Virtual	Kirtika Sati	From Strain to Sustainability: Addressing Occupational Health Challenges of Women Gardeners
Virtual	Veena Shahi	Identifications of need based women friendly technologies in Samastipur district of Bihar
Physical	Neetish Kumar	Smart farming for women: harnessing digital technology for sustainable agriculture
Physical	S. B Roy	Role of NINFET's technological intervention for livelihood development of women and their empowerment
Virtual	Leena Kumari	Harnessing Blockchain for Women Empowerment in Indian Agriculture
Physical	Meghana Koduri	Geospatial Technologies for Enhancing Agriculture through Efficient Watershed Management

Day 2: March 09, 2025 14:30 – 17:30 h

Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://zoom.us/j/97327415303?pwd=sNLuilbZoJAKiLaVLr069PoHM24B7a.1>

Meeting ID: 973 2741 5303

Passcode: 3131

Technical Session 4.1	Women in Climate Resilience and Natural Resource Conservation Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management	
Chair:	Dr Ajit Singh Yadav	Assistant Director General (EQA&R), ICAR, New Delhi
Co-Chair:	Dr. S.K. Sarangi	Head, ICAR-CIWA
Rapporteurs:	Dr. Praveen Jakhar	Pr. Scientist, ICAR-CIWA
Invited lectures	Topics	Speakers
Keynote speaker- 01	Transformative Changes in Agricultural Education: Empowering Women in Agri-food system	Dr Ajit Singh Yadav Assistant Director General (EQA&R), ICAR, New Delhi
Lead Lecturers -01	Gender sensitive extension for sustainable agri-food system	Dr. Kalyan Ghadei, Head, Department of Extension Education, BHU, Varanasi
Oral presentations	Selected oral presenter	Selected topics
Physical	Rajeshwari Desai	Climate Change and Agriculture: Farmers' perceptions and Adaptive Responses
Virtual	Md. Shams Tarique	Women Farmers Driving Climate Resilience with Sustainable Agriculture in Bihar: Potato production with zero-tillage and rice straw mulch (PZTM) success story
Physical	Ravi, K N	Women Empowerment in Watershed Programmes: A Composite Index to measure Women's Inclusiveness in Natural Resource Management
Physical	Praveen Jakhar	Assessment of Women's Livelihood Development through Watershed development programmes
Virtual	Nancy Dhiman	Women in Climate Resilience and Natural Resource Conservation Influence of Diverse Nutrient Sources on Nutritional Composition of Okra (<i>Abelmoschus esculentus</i>)

Physical	Susanta Sekhar Chaudhury	Role of women in Participatory Varietal Trial of Ragi (<i>Eleusine coracana</i>) for sustainable agriculture practice
Virtual	Kumari Shipra	Empowering Women Farmers Through Innovative Solutions for Climate Resilient Agriculture
Physical	Sharmistha Barthakur	Seed priming as an effective technology to mitigate adverse effects of climate change: lessons from wheat
Physical	Jotirmayee Lenka	Empowering women tribal farmers through solar powered irrigation system: A case study from Koraput district
Physical	Apurwa Sailja Kachhap	Strengthening women leadership in governing the Commons: Challenges and promising interventions
Virtual	Veenu Sangwaan	Changes in Food and dietary habits of rural families during COVID-19

Con-current session Day 2: March 09, 2025 14:30 – 16:00 h**Venue:** Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

Technical Session 5.1, 5.2 & 5.3	Institutional Innovations and Women-Agripreneurship • Women farmer collectives, producer groups and she-preneurship • Innovative women-led start-ups • Women inclusive sustainable food value chain system	
Chair:	Dr B. Neerja Prabhakar	Former Vice-Chancellor Sri Konda Laxman Telangana State Horticultural University (SKLTSHU), Telangana, India.
Co-Chair:	Dr Jyoti Vastrad	Dean College of Community Science, CAU, Tura, Meghalaya
	Dr B.N. Sarangi	Ex-Head, Social Science Division, CRRI, Cuttack
Rapporteurs:	Dr. Ankita Sahu	Scientist, ICAR-CIWA
Invited lectures	Topic	Speakers
Keynote speaker-01	Women inclusive sustainable food value chain system	Dr B. Neerja Prabhakar, Former Vice-Chancellor Sri Konda Laxman Telangana State Horticultural University
Lead Lecturers -01	Women in agri-business: the driving force behind agricultural transformation and sustainability	Dr. Ashok Kumar Bharimalla
Lead Lecturers -02	Women Empowerment through Value Chain Development of Makhana in Koshi Region of Bihar	Dr. Arunima Kumari
Oral presentations	Selected oral presenter	Selected topics
Physical	Ritu Mittal Gupta	Agri processing by agripreneurs for sustainable livelihood
Virtual	Soumya Mohapatra	Women in Farmers' Collectives: Assessing Participation and Formulating Strategies for Inclusive Growth in India
Physical	Prerna Kapila	Empowering Women in Punjab through Farmer Producer Organizations (FPOs)
Virtual	Akshata Thavai	Swamini's Mangrove Magic:

		Empowering Women Through Eco-tourism
Virtual	Gitanjali Chaudhary	Farm Women's Awareness level, Need and their Perception towards Entrepreneurial Development: Case study of Sheohar district of Bihar
Physical	Dhamotharan Gurusamy	Enhancing Women's Participation in Dairy Farming Through FPOs: Challenges and Opportunities in Erode, Tamil Nadu
Physical	Amit Nath	Present Status of Tomato Processing Value Chain in India
Virtual	Geetha M Yankanchi	Livelihood Security of Farm Families through Agri Based she-preneurship
Virtual	Sushmita Mukherjee	Women's Empowerment through Community Nutri-Gardens Initiative in Madhya Pradesh
Physical	Babita Bohra	Women Empowerment through Gender Transformative Approaches (GTAs) in Forestry, Trees and Agroforestry Systems
Physical	Ankita Sahu	Gender Dynamics in Organic Horticulture: A Sustainable Model for Entrepreneurship Development
Physical	Sabita Mishra	Sustainable She-Preneurship in Mushroom Cultivation Model (2S2M)
Physical	Manasi Bhol	Role of KrishiVigyan Kendra in promoting Agri-entrepreneurship amongst Tribal Women
Physical	Ajay Kumar Sharma	Support of ABI Draksha to women led startups
Physical	Arpita Mohapatra	Gender Transformative Ecosystem for Social and Economic Development of Women: A Comparative Case Study of Dairy Cooperatives in India

Day 2: March 09, 2025 16:00 – 17:30 hrs Venue: Shasakti Auditorium, ICAR-CIWA, Bhubaneswar Zoom Link: https://us02web.zoom.us/j/82454151038 Meeting ID: 824 5415 1038 Passcode: 7171		
Technical Session 5.4, 5.5 & 5.6	Institutional Innovations and Women-Agripreneurship • Smart marketing approaches for sustaining women entrepreneurs • Women farmer's access to financial services and products • Policy and regulatory frameworks focusing on the need for policy reforms to support women agripreneurs and their access to markets and resources	
Chair:	Dr. Nozomi Kawarazuka	Social Scientist, International Potato Center, Hanoi, Vietnam
Co-Chair:	Dr. Sabyashachi Roy	Head (Eastern region), National Dairy Development Board (NDDB), Kolkata
Rapporteurs:	Dr. Jyoti Nayak	Pr. Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topic	Speakers
Keynote speaker-01	Gender and Plant Health: Lessons from the global research at CGIAR	Dr. Nozomi Kawarazuka, Social Scientist, International Potato Center, Hanoi, Vietnam
Lead Lecturers-01	Smart marketing approaches for entrepreneurship in agri-food system	Dr. Sabyashachi Roy, Head (Eastern region), NDDB, Kolkata
Oral presentations	Selected oral presenter	Selected topics
Virtual	Perna Kapila	Smart Marketing Approaches for Sustaining Women entrepreneurship
Physical	Moloya Gogoi	Entrepreneurial Challenges and Opportunities for Farm Women: A Socio-Economic and Agricultural Perspective
Physical	Bhagat Lokesh T S	Government Policies and Schemes for Women Entrepreneurship Development in Food Industries
Physical	Laxmikanta Nayak	Agricultural Technology Management Agency (ATMA) sponsored exposure visit cum skill development trainings on jute handicrafts & bags: A new approach for women
Physical	Rabindra Prasad Singh	Holistic approaches for livelihood & financial security through goat & poultry value chain
Physical	Perna Kapila	Smart marketing approaches for

		sustaining women entrepreneurs
Virtual	Rujan J.	Evaluating Governance in Marine Primary Fisherwomen Cooperative Societies of Kanyakumari, Tamil Nadu
Virtual	Sumona Roy	Prospects of Better Market Access for Women led FPOs in Bihar
Virtual	Priya Ramesh Hegde	Unveiling Empowerment and Health status among Halakki Vokkaliga and Kunbi Women in Uttara Kannada

Con-current session by WFP Day 2: March 09, 2025 16:30 – 18:00 hrs Venue: Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar Zoom Link: https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1 Meeting ID: 852 9106 7907 Passcode: 5151			
Description			Time
Welcome note & introducing the panel and Chair – Dr Ankita Sahu, Representative, CIWA			4:30 – 4:35 pm
Introductory remarks – Ms. Nozomi Hashimoto, Deputy Country Director, World Food Programme, India			4:35 – 4:40 pm
Rapporteur:	Dr Tanuja S.	Sr. Scientist, ICAR-CIWA, Bhubaneswar	
Technical Presentations			4:40 – 5:45 pm
- Challenges faced by women farmers – Dr Ambika Nanda, Head of CSR, TATA Steel - Policy support to women farmers in India – Ms. Nandini Dalai, Deputy Dir., Department of Agriculture, Govt of Odisha - Participatory approach to enhance food security and climate adaptation among women farmers in Odisha, India – Dr. Aradhana Srivastava, World Food Programme, India - Initiatives to support resilience building among indigenous women farmers – Ms. Alejandra Pero, Global Indigenous Peoples Advisor, World Food Programme - Q&A			4:40 – 4:53 pm
			4:53 – 5:06 pm
			5:06 – 5:19 pm
			5:19 – 5:32 pm
			5:32 – 5:45 pm
Session Closing			15 min
- Chairperson's Remarks – Ms. Nozomi Hashimoto, Deputy Country Director, World Food Programme, India - Vote of thanks – Dr Ankita Sahu, Representative, CIWA			10 min 5 min

Con-current session Day 2: March 09, 2025 16:00 – 18:00 hrs

Venue: Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us05web.zoom.us/j/83568428079?pwd=qYCbb0mGjfPnZxtAmVcX4hb1RNJnwl.1>

Meeting ID: 835 6842 8079

Passcode: 9191

Session for poster presentation (5 minutes for each presenter)

Technical Session XV:	पोस्टर प्रस्तुति (Poster presentation)	
Chair:	Dr. B. D. Biradar	Director of Research, University of Agricultural Sciences, Dharwad, Karnataka
Co-Chair:	Dr. S. K. Bhanja	Head, Regional Station, ICAR-DPR, Bhubaneswar
Rapporteur:	Dr. Tania Seth	Scientist, ICAR-CIWA, Bhubaneswar
Poster presentations	Selected topics	Selected Poster presenter

Gender issues and policy support in agriculture

A. Socio-cultural lens on women in agriculture

B. Gender gaps in access to land ownership and tenure security, resources and services

Socio-Cultural Lens on Women in Agriculture	MohanaVamsi Krishna Gurram	Virtual	e-Poster
Gender stereotypes, discrimination, and discrepancies in agriculture and allied sectors in India: shattering the glass ceiling	Sudhanand Prasad Lal	Virtual	e-Poster
A study on cognizance level of entrepreneurial development among farm women	S. Arokiamary	Virtual	e-Poster
Gender Needs, Constraints and Livelihood Options of Farm Families in Water Logged Situation: A Case Study in Odisha	Sabita Mishra	Physical	Poster
Gender issues and policy support in agriculture	Hariom Katiyar	Virtual	e-Poster
Sorghum Based Nutritional Bars: A Nutritious Innovation for Health and Agri-Preneurship	Yashvee	Virtual	e-Poster
Leveraging Print Media for	Yashvee	Virtual	e-Poster

Health and Hygiene Awareness			
Socio-economic status and health status of agrarian farm women involved in drudgery prone activities	Anushka Tiwari	Virtual	e-Poster
Gender issues and policy support in agriculture • Intersectionality in agricultural policies, exploring how intersecting factors such as age, disability and ethnicity affect women's experiences in agriculture • Emerging gender issues and policy support in agriculture and allied sectors • Gender gap in agricultural education, research and extension			
Addressing the Gender Gap in Agricultural Extension: A Comparative Study of MKSP-Adopted and Non-Adopted Villages in Uttarakhand	Seema Kwatra	Virtual	e-poster
Gender gap in agricultural education, research and extension	Ritu	Virtual	e-poster
Bridging the Gender Gap: Empowering Uttarakhand's Women Farmers through Extension and Education	Poonam Tewari	Virtual	e-poster
Beyond the Plough: Recognizing Women's Role in Agriculture	Tanmaya Kumar Das	Virtual	e-Poster
Bridging the Gender Gap: Empowering Uttarakhand's Women Farmers through Extension and Education	Sangya Singh	Virtual	e-Poster
Gaps in Access to Government Agricultural Schemes by Farm Women	Sabita Mishra	Physical	Poster
Ujjwala Scheme: A Policy Support for Gender Mainstreaming in India	Vandana Verma	Virtual	e-Poster

Gender-responsive agricultural production practices • Gender-responsive practices in crop & horticulture sector			
Extent of farm women participation in Agriculture and Horticulture sector in Tamil Nadu	Pushpa J	Physical	Poster
Empowering Women through Sericulture: A Gender-Responsive Approach in Himachal Pradesh	Shivam Bhardwaj	Physical	Poster

Socio-economic improvement through Papaya cultivation in Tirap district of Arunachal Pradesh	Abhimanyu Chaturvedi	Virtual	Poster
Gender Responsive Practices in Crop and Horticulture Sector	Ronak Kuri	Virtual	E-poster
Enhancing Women Farmer's Access to Technologies in Quality Seed Production in Rice - A Case Study from Mayurbhanj District of Odisha	Monalisha Patra	Physical	Poster
Smart Mushroom Cultivation: A new Horizon for higher profit to growers	Tapaswini Sahoo	Physical	Poster
• Gender-responsive practices in Animal Husbandry			
Conventional And Complementary Therapy In Animal Science-A Toolkit for Women-Friendly Livestock Farming	Aishwarya Dash	Virtual	e poster
Silvi-Horti-Pastoral Farming System for improving livestock productivity and livelihood of farm women	Gautama Parida	Physical	Poster
• Gender-responsive practices in fisheries & aquaculture			
Empowering Women through Women: Four Decades of committed service by ICAR-CIFA	H K De	Virtual	Poster

Con-current session Day 3: March 10, 2025 09:00 – 10:30 h**Venue:** Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

Technical Session 3.3.2	Agri-innovations for Women in Agribusiness Post-harvest processing and value addition for profitable agriculture (Part II)	
Chair:	Dr Sanjay Kumar Dash	Dean, College of Agriculture Engineering, OUAT, Bhubaneswar
Co-Chair:	Dr. Kalpana Raiguru	Dean PG Faculty, OUAT, Bhubaneswar
	Dr. Jyoti V. Vastrad	Dean, College of Community Science, CAU, Tura
Rapporteur:	Dr. Swati Sethi	ICAR-CIPHET, Ludhiana
Invited lectures	Topics	Speakers
Keynote Speaker- 01	Dr. Manju Bala	Waste valorization of immature kinnow droppings for sustainable women-led agribusiness
Lead Lecturers -01	Mr. Tapas Roy	Millet business opportunities for the women entrepreneurs
Oral presentations	Selected oral presenter	Selected topics
Virtual	Surya Tushir	Effect of Fermenting Containers on the Microbial Ecology and Sensory Profile of <i>Hawaijar</i> : a fermented Soybean product
	Lalit M. Bal	Ozone Treatment in Milk and Milk Products: A Novel Approach for Food Safety and Sustainability
	Gayatri Sinha	Pointed gourd: Nutritional benefits and value added products
Physical	Sachidananda Swain	Bio-accessibility of total phenolic content, flavonoid content and antioxidant capacity of tropical leafy vegetables through In-vitro gastro-intestinal digestion
Virtual	Swati Sethi	Optimization of millet-based extruded snacks with special dietary requirements

Virtual	Deeksha Rana	Formulation and Nutritional Assessment of Kodo Millet chickpea based Food Product for Enhancing the Protein Quality of School-Age Children
Physical	Varsha Rani	Utilization of baby rhizome a byproduct of Black turmeric for Functional food powder development: A step to generate additional farmer's income
Virtual	Aditi Sewak	Formulation and Nutritional Assessment of Kodo Millet chickpea based Food Product for Enhancing the Protein Quality of School-Age Children
Physical	Vinutha U. Muktamath	Farm to market: A Success story of profitable agro-enterprise of farm women SHG
Physical	Pawandeep Kaur Sandhu	Scientific Cultivation and Processing of Makhana for Improving Farmers'™ Livelihood in Manipur
Physical	Ravi Y	Enhancing Nutritional Security and Rural women Employment through Value Addition in Raw Banana Powder
Virtual	Anupama Mishra	Sustainable Post-Harvest Biomass Processing and Value Addition for Profitable Agribusiness in Meghalaya
Virtual	Bishnu Charan Majhi	Proximate composition of millet varieties grown in Odisha.
Physical	Sangita Ganguly	Development of milk-flaxseed-based fermented beverage for addressing female hormonal health

Day 3: March 10, 2025 09:00 – 10:30 h Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar Zoom Link: https://zoom.us/j/97327415303?pwd=sNLuIlbZoJAKiLaVLr069PoHM24B7a.1 Meeting ID: 973 2741 5303 Passcode: 3131		
Technical Session 4.2 & 4.3	Women in Climate Resilience and Natural Resource Conservation • Women-friendly technological and adaptive solutions to climate change • Climate-smart integrated farming systems	
Chair:	Dr. L. M. Garnayak	Director of Research, CAU, Imphal, Manipur
Co-Chair:	Dr. Braja Bandhu Swain	Research Project Coordinator (Agricultural Economist), International Livestock Research Institute (ILRI), New Delhi Office, Delhi, India
Rapporteurs:	Dr. Sachidananda Swain	Sr. Scientist, ICAR-CIWA, Bhubaneswar
Invited lectures	Topics	Speakers
Lead Lecturers -01	Advanced Machine Learning Modelling for Predicting Crop Residue Burning Among Women Farmers.	Dr. Soumyadeep Thakur
Lead Lecturers -02	Assessing Climate Change Effects on Stream flow Using Hydrological modelling: Implications for Sustainable Watershed Planning	Dr. Priyanka Mohapatra
Oral presentations	Selected oral presenter	Selected topics
Physical	Praveen Jakhar	Adaptive Models for Empowering Farm Women to Combat Climate Change
Physical	Gyan Shukla	Integrating Women in Climate-Resilient Agriculture
Physical	Moonty Baruah	Farm Women Knowledge on Climate change in Agriculture
Physical	K. Meghana	Geospatial Technologies for Enhancing Agriculture through Efficient Watershed Management
Virtual	Urvashi Nandal	Influence of Diverse Nutrient Sources on Nutritional Composition of Okra (<i>Abelmoschus esculentus</i>)

Physical	Shivanjali	Rural Women Driving Climate-Resilient Agriculture: Advancing Technology for Sustainability and Equity
Physical	Gyan Shukla	Integrating Women in Climate-Resilient Agriculture
Virtual	Suhasini Bali	Women Farmers Driving Climate Resilience with Sustainable Agriculture in Bihar: ?Potato production with zero-tillage and rice straw mulch (PZTM) success story
Physical	Nita B Gaikwad	Climate Change and Its Impact on Biological System In Selected Agro Ecological Region of Maharashtra
Physical	Thanammal Ravichandran	Empowering Women in Dairy Entrepreneurship: Insights from a Climate-Smart Incubation Program
Virtual	Amtul Waris	Empowering Women Farmers through Climate-Smart Rice Production: Field-Level Dissemination in Telangana State, India
Virtual	Munny Chinyo	Climate-Smart Integrated Farming Systems: Pathway to Productivity, Sustainability, and Resilience

Day 3 : March 10, 2025

09:00 – 11:00 h

Venue Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us05web.zoom.us/j/83568428079?pwd=qYCbb0mGjfPnZxtAmVcX4hb1RNJnwl.1>

Meeting ID: 835 6842 8079

Passcode: 9191

पोस्टर प्रस्तुति (Poster presentation)

Chair:	Dr. Gobinda Acharya	Head & I/c, ICAR-IIHR-CHES, Bhubaneswar, Odisha
Co-Chair:	Dr Sannapapamma KJ	Professor & Head, UAS, Dharwad
Rapporteur:	Dr Ravi	UAS, Dharwad
Poster presentations	Selected Poster presenter	Selected topics

Nutrition-sensitive agricultural production fostering nutrition and health

Fostering Nutrition And Health Through Nutrition-Sensitive Agricultural Production	D. Sravanthi	Virtual	e-poster
Impact of nutri-garden on nutritional security of rural families in Sitamarhi district of Bihar	Saloni Chauhan	Physical	Poster
Millet Production and Consumption Trends: A Study in Uttarakhand	Seema Kwatra	Virtual	e-poster
Formulation and Nutritional Analysis of Nutrimillet bun made from Barnyard millet by incorporating amla as a functional food	Prabhnoor Kaur	Physical	Poster
Nutritional Knowledge, Attitude and Practices among farm women in Haryana State	Poonam Malik	Virtual	e-poster
Sorghum Based Nutritional Bars: A Nutritious Innovation for Health and Agri-Preneurship	SaritaVerma	Virtual	e-poster
Impact of nutri-garden on nutritional security of rural families in Sitamarhi district of Bihar	Saloni Chauhan	Physical	Poster
Millet Production and Consumption Trends: A Study in Uttarakhand	Bhabya	Virtual	Poster
Fostering Nutrition And	D. Sravanthi	Virtual	Poster

Health Through Nutrition-Sensitive Agricultural Production			
Genetic Relationship Between Yield And Battering Quality Over Environment	K. Sangeetha	Virtual	e-Poster
Enhancing Maize Nutrition by Genetic Biofortification of Zinc	Ruth Hepsi Sindhura Nelamalli	Physical	Poster
Impact of intervention on nutritional knowledge, attitude and practices of rural women in Dharwad taluk of Karnataka State	Surekha Sankangoudar	Physical	Poster
Diversifying Agriculture with Millets: A Pathway to Enhanced Nutrition	Aarifa. SK	Physical	Poster
Importance of Weather Forecasting to improve Sustainability of Agriculture and its Allied Sector	Ramanand Patel	Virtual	e-Poster
Assessment of food and nutritional security among farm women of Tamilnadu	G. Sashidevi	Virtual	e-Poster
• Integrated farming systems for sustainable agri-food systems • Organic farming and women's empowerment • Impact of climate change on women farmers and the need for gender-responsive adaptation strategies			
Promoting Integrated Farming System: Insights from Case Studies in Kumbarkoppa -A Nutri Smart Village	Rajeshwari Desai	Physical	Poster
Integrated Farming System for Sustainable Agri-Food System	Pramod Kumar	Physical	Poster
Gender-responsive agricultural production practices: Integrated farming systems for sustainable agri-food systems	Mounika J	Physical	Poster
The Role of Organic Farming in Advancing Women's Empowerment and Sustainable Agriculture	K. Tejaswini	Physical	Poster
Backyard Organic Farming: A Broad Way for	Sucharita Tripathy	Physical	Poster

Empowered Women in Odisha			
From Fields to Freedom: The Empowering Journey of Women in Organic Agriculture	Divya Parimi	Physical	Poster
Women in Agriculture: Overcoming Climate Challenges through Gender-responsive Agricultural Practices	Apoorva Veldandi	Virtual	e-poster
Empowering Tribal Women in Agriculture: Overcoming Challenges and Promoting Sustainable Development in Rural Andhra Pradesh	Rebba Kishore Kumar	Physical	Poster
Improved knowledge and skill of rural women in organic vegetable cultivation through training	Santosh Rani	Virtual	e-poster
Promoting Integrated Farming System: Insights from Case Studies in Kumbarkoppa -A Nutri Smart Village	Rajeshwari Desai	Physical	Poster
Revolutionizing Agriculture: Empowering Women and Farmers with the Farmer FIRST Project	H. K De	Virtual	e-poster
Women's Empowerment with the extent of Utilization of Government schemes in Telangana state	Soothram Sahithya	Virtual	e-poster
Soil Carbon- A silver bullet for mitigating Climate Change	Evuru Vyshnavi	Virtual	e-poster
• Access to technology, digital literacy and engagement of women with agri-tech innovations • Technological innovations in gender-friendly tools & equipment			
Digital Literacy among Women – Odisha Scenario	Lopamudra Mohapatra	Virtual	e-poster
Biodegradable Protray	Mohamed Aathil	Virtual	e-poster
E-Agriculture: Transforming Farming through Digital Solutions	Anup Kumar Behera	Virtual	e-poster
Empowering Women through Agri-Innovation: Transforming Agribusiness for Inclusive Growth	Suman	Virtual	e-poster

Jadia- All women BMC	Hameed Uddin	Physical	Poster
Dynamic Web-Based Database for Analyzing Gender-Disaggregated Agricultural Participation in India	Shaji. A	Physical	Poster
• Post-harvest processing and value addition for profitable agriculture			
Revitalizing Assamese handloom: exploring consumer preferences and product diversification	Nabaneeta Gogoi	Virtual	Poster
Enhancing traditional assamese cuisine with finger millet: a nutritional and sensory evaluation	Mandeep Digra	Physical	Poster
Scientific cultivation and processing of makhana for improving farmers' livelihood in manipur	Kalyani Sharma	Physical	Poster
Development of non woven using sorghum stalk (<i>sorghum bicolor</i>) fibre	R. Saravanakumar	Physical	Poster
Formulation and nutritional analysis of nutrimillet bun made from barnyard millet by incorporating amla as a functional food	Prabhnoor Kaur	Physical	Poster
Process development for the preparation of osmotically dried figs and fig bar	Bharti Kapila	Physical	Poster
Enhancing nutritional security and rural women employment through value addition in raw banana powder	Ravi Y	Physical	Poster
Development of gluten-free pasta based on makhana by-products with addition of roasted chickpea (<i>Cicer arietinum</i> L) flour	Pawandeep Kaur Sandhu	Physical	Poster
Banana pseudostem: a potential bioresource for empowerment of farm families	Sakeena Naikwadi	Virtual	e-Poster
Uplifting the Empowerment of Women through Preparation of Jute Diversified Products	K. Bhavana Varma	Physical	Poster
Improving the Nutritional and Keeping Quality of Chickpea (<i>Cicer arietinum</i> L.) Sprouts Through Innovative Treatments	Simran Arora	Virtual	e-Poster

Post-harvest processing and value addition for profitable agriculture: Economic potential of <i>Agave cantula</i> (Ramban) fibre for Himalayan farmers	Sapna Gautam	Physical/ Virtual	Poster/ e-Poster
Effect of Fermenting Containers on the Microbial Ecology and Sensory Profile of <i>Hawaijar</i> : a fermented Soybean product	Surya Tushir	Physical/ Virtual	Poster/ e-Poster
Ozone Treatment in Milk and Milk Products: A Novel Approach for Food Safety and Sustainability	Lalit M. Bal	Physical/ Virtual	Poster/ e-Poster
Pointed gourd: Nutritional benefits and value added products	Gayatri Sinha	Physical/ Virtual	Poster/ e-Poster
Development of non woven using sorghum stalk (<i>Sorghum bicolor</i>) fibre	R. Saravana kumar	Physical	Poster
Assessment of skill security among farm women for empowerment	Sannapapamma K J	Physical	Poster
Optimization of millet-based extruded snacks with special dietary requirements	Swati Sethi	Physical/ Virtual	Poster/ e-Poster
Economic Empowerment Of Rural Women Through Postharvest Handling And Value Addition Of High Volume Vegetable Crops	Beaulah. A	Virtual	Poster
Marigold (<i>Tagetes erecta</i>) a sustainable resource for empowerment of farm families	Rupanagudi Beena Fareq	Virtual	Poster

Day 3 : March 10, 2025**11:00 – 13:30 h****Venue** Sabarmati Committee Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us05web.zoom.us/j/83568428079?pwd=qYCbb0mGjfPnZxtAmVcX4hb1RNJnwl.1>

Meeting ID: 835 6842 8079

Passcode: 9191

Session for poster presentation (5 minutes for each presenter)**पोस्टर प्रस्तुति (Poster presentation)**

Chair:	Dr. K. Laxminaryana	Head, ICAR-CTCRI RC Bhubaneswar, Odisha
Co-Chair:	Dr R. Neela Rani	Professor & UC, AICRP-WiA, PJ TSAU, Hyderabad
Rapporteurs:	Dr. Arpita Mohapatra Dr. Rajalaxmi Behera	Scientist, ICAR-CIWA, Bhubaneswar Scientist, ICAR-DPR, Bhubaneswar

- Drudgery and Occupational health hazards among farm women**

Innovative Cotton Picking Bag for Women: Reducing Fatigue and Increasing Productivity	Preet Gill	Physical	Poster
Assessment of functional properties of developed protective clothing for agricultural workers to reduce occupational health risks	Nabaneeta Gogoi	Virtual	e-Poster
Women in Paddy fields: Where do Mechanization situate them?	Selvakumar Myvizhi	Physical/ Virtual	Poster/ e-Poster
Technological Intervention for Drudgery Reduction of Women Engaged in Mango and Cashew nut Orchards	Gayatri Moharana	Physical	Poster
Drone didi: empowering women through drone technology in agriculture' scheme of Haryana	Manisha Lather	Virtual	e-Poster
From Soil to Software: The Impact of Digital Tools in Agriculture	Kavuri Sharon Roja	Physical	Poster
Smart Agriculture for Women: Leveraging Digital Technologies for Inclusive Growth	Y. K. V. Naveen	Physical	Poster
Digital Marketing: Need for Empowering Farm Women	Subrat Kumar Das	Physical	Poster

Banana Pseudostem: A potential bioresource for empowerment of farm families	Sakeena Naikwadi	Virtual	e-Poster
E-agriculture: transforming farming through digital solutions	Anup Kumar Behera	Physical	Poster
Technological innovations in gender-friendly tools and equipment: ergonomic study of weavers in Manipur	Joyhring Ruwndar	Virtual	e-Poster
Drudgery status of farm women in Samastipur district, Bihar: challenges and implications	Vinita Kashyap	Virtual	e-Poster
Comparison of ergonomic risk analysis methods for working postures in groundnut weeding	Ardhendu Sekhar Satapathy	Physical	Poster
Farm women and drone technology: an adoption analysis	Neetish Kumar	Physical	Poster
Accurate apple detection and localization using advanced point-cloud techniques for robotic harvester	Shaghaf Kaukab	Physical	Poster
DRWA maize dehusker cum sheller: a women friendly technology	Jyoti Nayak	Physical	Poster

Theme 4 Sub theme-A- Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management			
Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management	Manisha Gahlot	Virtual	e-Poster
Women And Community-Based Seed Saving: Preserving Genetic Diversity For Future Generations	Shaik Abdul Muqsith	Physical	Poster
Role Of Women In Conservation And Protection Of Wild Crop Relatives	V. Sandeep Varma	Physical	Poster
Women as Leaders in Climate Resilience: Driving community based Conservation	P. L. N. Pravallika	Physical	Poster
Women and Community Based-Seed Saving: Preserving Genetic Diversity for Future Generation	Shaik Abdul Muqsith	Physical	Poster
Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management	Manisha Gahlot	Virtual	e-poster
Empowering Farm Women: The Mura Mohanapur Natural Farming Initiative	Ranjana Kumari	Virtual	Poster
Women as Pillars of Climate Resilience and Natural Resource Conservation	Poonam	Virtual	Poster

B. Women-friendly technological and adaptive solutions to climate change			
Participatory Approaches for Empowering Women Dairy Farmers in Building Climate Resilience	Yasa Sirilakshmi,	Virtual	e-Poster
Importance of Weather Forecasting to improve Sustainability of Agriculture and its Allied Sector	Ramanand Patel		
Genetic Relationship Between Yield And Battering Quality Over Environment	. K. Sangeetha	Virtual	e-Poster
Soil Carbon- A Silver Bullet For Mitigating Climate Change	E. Vyshnavi	Virtual	Poster
Mapping Impacts and Adaptation: A Cognitive Approach to Women Farmer's Climate Resilience	Apoorva Veldandi	Virtual	Poster
Indoor air pollution from biomass cooking and its health and environmental impact in rural Odisha	Soma Kalia	Virtual	e-Poster
Effect of heat units on phenology of greengram (<i>Vigna radiate</i> L.Wilzek) under different sowing dates and nutrient managements	Bibek Bhaskar Jena	Virtual	e-Poster
Empowering Women Farmers: A Pathway to Climate Resilience and Sustainability	Durga Pavani Chittimoju	Physical	Poster
C. Climate-smart integrated farming systems			
From Soil to Software: The Impact of Digital Tools in Agriculture	Kavuri Sharon Roja	Physical	Poster
Smart Agriculture for Women: Leveraging Digital Technologies for Inclusive Growth	Yedid Koti Venkata Naveen	Physical	Poster
Role of Women in Climate Smart Integrated Farming System	Kartik Salvi	Physical	Poster

5.Institutional Innovations and Women-Agripreneurship D. Smart marketing approaches for sustaining women entrepreneurs E. Women farmer's access to financial services and products F. Policy and regulatory frameworks focusing on the need for policy reforms to support women agripreneurs and their access to markets and resources			
Empowering Women Entrepreneurs: Smart Marketing Strategies for Sustainable Growth	Tanuja N	Physical	Poster
Market linkages of women Self Help Groups for	Ella Rani	Virtual	e-poster

sustaining livelihood			
A study on cognizance level of entrepreneurial development among farm women	Arokiamary S.	Virtual	e-poster
Natural Dyes on Silk: Sustainable Textile Innovation	Manisha Gahlot/ K Pant	Virtual	e-poster
Beekeeping: A profitable enterprise for farmwomen	Ms Saha	Physical	Poster

5. Institutional Innovations and Women-Agripreneurship A. Women farmer collectives, producer groups and she-preneurship B. Innovative women-led start-ups C. Women inclusive sustainable food value chain system			
Empowering Women Entrepreneurs Through Aipan: Heritage Preservation and Product Diversification in Uttarakhand	Beenu Singh	Virtual	e-poster
Role and contribution of women in community-based conservation of natural resources, biodiversity and impact on sustainable resource management	Manisha Gahlot	Virtual	e-poster
Evaluation of Perception Levels of Farm Women on Entrepreneurship in Haveri and Gadag Districts, Karnataka	Ravi Y	Physical	Poster
Empowering women agripreneurs through agricultural waste valorization for sustainable growth	Shivani	Physical	Poster
Women inclusive sustainable food value chain system	Pattapu Jahnavi Mahalakshmi	Physical	Poster
Navigating the Digital Landscape: Social Media Marketing as a Growth Opportunity for Women Entrepreneurs	B.Spandana	Physical	Poster
Formulation and Nutritional Analysis of Nutrimillet bun made from Barnyard millet by incorporating amla as a functional food	Prabhnoor Kaur	Physical	Poster
Development of gluten-free pasta based on makhana by-products with addition of roasted chickpea (Cicer	Pawandeep Kaur Sandhu	Physical	Poster

Aretenium L) flour			
Self-Fulfilment and Mental Well-being: A Pathway to Women's Empowerment	N. Sandhya Rani	Virtual	Poster
Weaving Empowerment: Unrevealing the Entrepreneurial Spirit of Farm Women in Bihar	Simran	Virtual	Poster
6. Gender-transformative approaches in agriculture Gender-responsive budgeting and financing in agriculture Gender-transformative approaches for empowering women farmers Strengthening extension system for women farmers Women leadership in agri-food system Gender norms and equality			
Self-Fulfilment and Mental Well-being: A Pathway to Women's Empowerment	Dr. N. Sandhya Rani	Virtual	e-Poster
Gender Needs, Constraints and Livelihood Options of Farm Families in Water Logged Situation: A Case Study in Odisha	Sabita Mishra	Physical	Poster
Revolutionizing Agriculture: Empowering Women and Farmers with the Farmer FIRST Project	Akankshya Mohapatra,	Virtual	e-Poster
Assessment of skill security among farm women for empowerment	Sannapapam ma K.J	Physical	Poster
Empowering Women through Agri-Innovation: Transforming Agribusiness for Inclusive Growth	Suman		
Leveraging Print Media for Health and Hygiene Awareness	Yashvee	Physical	Poster
Influence of Socio-Technical Factors on Occupational Stress of Tribal Women in Farm Activities	Sriyadarshini Mahapatra	Physical	Poster
Participatory Approaches for Empowering Women Dairy Farmers in Building Climate Resilience	Yasa Sirilakshmi	Virtual	e-Poster

Concurrent Session Day 3: March 10, 2025

10:30 – 12:00 h

Venue: Sashakti Auditorium, ICAR-CIWA, Bhubaneswar

Zoom Link: <https://us02web.zoom.us/j/82454151038>

Meeting ID: 824 5415 1038

Passcode: 7171

Technical Session 6.1-6.5	Gender-transformative approaches in agriculture • Strengthening extension system for women farmers • Women leadership in agri-food system • Gender-transformative approaches for empowering women farmers • Gender-responsive budgeting and financing in agriculture • Gender norms and equality	
Chair:	Dr Alessandra Galie	Team Leader: Gender, and Principal Scientist, International Livestock Research Institute, Nairobi, Kenya
Co-Chair:	Dr. G.A.K. Kumar	Head, Social Sciences Division, ICAR-CRRI, Cuttack
Rapporteurs:	Dr Saswati Patnaik	Asso. Professor, CAU, Tura
Invited lectures	Topic	Speakers
Keynote speaker- 01	Women Empowerment Index in Livestock Sector	Dr Alessandra Galie Team Leader: Gender, and Principal Scientist, International Livestock Research Institute, Nairobi, Kenya
Lead Lecturers -01	From law to practice: a cross-country assessment of gender inequalities in rights to land	Dr Muriel Veldman, FAO, Rome, Italy
Lead Lecturers -02	Gender-inclusive Approach for Sustainable Agriculture and Holistic Empowerment ensuring Livelihood Improvement (SAHELI)	Dr Lipi Das, Principal Scientist, ICAR-CIWA, Bhubaneswar
Oral presentations	Selected oral presenter	Selected topics
Physical	Prerna kapila	The Role of Women in Agriculture and Allied Sectors of Punjab
Virtual	Gitanjali Chaudhary	Farm Women's Awareness level, Need and their Perception towards Entrepreneurial Development: Case study of Sheohar district of Bihar
Physical	Lipi Das	Gender Integration in Rice Farming: A Pathway to Equity and Self-Reliance
Virtual	Veena Shahi	Identifications of need-based women friendly technologies in Samastipur district of Bihar
Virtual	Shivaji Argade	Gender-transformative fisheries and aquaculture extension system: Need, practices and challenges
	Suman	Empowering Women through Agri-Innovation: Transforming

		Agribusiness for Inclusive Growth
Physical	Kavita Bisht	Attitude of farm women of Meghalaya towards entrepreneurship development
Virtual	Rajesh Kumar	The Impact of Agricultural Extension Tools on the Empowerment of Women Farmers
Virtual	Namita Singh	Involvement of women in decision making related to agriculture in Meghalaya
Virtual	Nidhi	Exploring the Determinants of Women's Participation in Agri-Food System: Case Study of Bihar
Virtual	Arshdeep Kaur	Psychological Empowerment: A tool to empower women farmers
Virtual	Veenu Sangwaan	Impact of COVID on food intake, lifestyle and expenditure pattern on different foodstuffs among rural families
Virtual	Vinita Kashyap	Drudgery Status of Farm Women in Samastipur District, Bihar: Challenges and Implications
Physical	Mayuri Bora	Awareness of rural women regarding government schemes in agricultural and allied sectors in Jorhat district of Assam
Physical	Nita B Gaikwad	Strengthening Extension System for Women Farmers
Virtual	Pradeep Kumar T L	An Assessment of Economic Viability of Integrated Farming System Module Practicing Farmers in North-Eastern Dry Zone (Zone-II) of Karnataka
Virtual	Sujai Das	Skill Development Program for SC Women for their Social Upliftment

Concurrent Session Day 3: March 10, 2025

10:30 – 12:00 h

Venue: Annapurna Conference Hall, ICAR-CIWA, Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

Technical Session 1.6	Women and rural migration (A joint session by IOM and FAO)		
Moderator:	Ms. Shalini Bhutani		5 mins
Rapporteur:	Ms Rutambhara Mishra		
Roundtable participants	Speakers	Round of Introductions	7 mins
Speaker 1	Prof Rajan, IIMAD		7 mins
Speaker 2	Women/farmer from the project sites	Voices from the ground	10 mins
Speaker 3	Prof Swarnamayee, SMRC	Migration and gender perspectives from Odisha	7 mins
Speaker 4	Ms. Shambhavi Sharma	Women and Migration: Challenges, Opportunities, and Solutions	7 mins
Speaker 5	Sister Lizzy, NWWT	Women migration experiences from Telangana	7 mins
Open Discussion			25 mins
Moderator's Summary			5 mins
Vote of Thanks	Nabonita Das		3 mins

Concurrent Session Day 3: March 10, 2025 10:30 – 12:00 h Venue: Susankalpa Committee Room, ICAR-CIWA, Bhubaneswar Zoom Link: https://zoom.us/j/97327415303?pwd=sNLuilbZoJAKiLaVLr069PoHM24B7a.1 Meeting ID: 973 2741 5303 Passcode: 3131		
Panel Discussion	Gender transformative approaches and innovation in Agri-Food Systems (A session by UN Women)	
Lead speaker - 01	Gender transformative approaches in agri-value chain: A global perspective	Emily J. Gallagher, PhD Scientist, Sustainable Value Chains and Investment Center for International Forestry Research (CIFOR)

Lead speaker - 02	Integrating women's needs and requirements into new product development and innovation	Dr. Melanie Connor Senior Scientist Market Intelligence International Rice Research Institute (IRRI)
Lead Lecturers - 03	Gender Responsive Budgeting in Agriculture and Allied Sectors	Ms Abhilasha Sood Programme Analyst Gender Responsive Budgeting UN Women India Country Office
Moderator		Ms Shaguna Gahilote Programme Analyst Women's Economic Empowerment UN Women India Country Office
Rapporteurs:	Dr Jyotirmayee Lenka	Scientist, ICAR-IISWC, Koraput

समापन/पूर्ण सत्र कार्यक्रम (Valedictory/ Plenary Programme)

Date

March 10, 2025

Time

14:30 – 17: 00 hrs

Venue

Auditorium, ICAR-CIWA,
Bhubaneswar

Zoom Link:

<https://us06web.zoom.us/j/85291067907?pwd=jZeAzX7SAztf20ClIyezpGI73Va7A5.1>

Meeting ID: 852 9106 7907

Passcode: 5151

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