

EDITORIAL

Agriculture across the world is undergoing a profound transformation shaped by climate change, digital innovations, evolving market demands, demographic transitions and increasing concerns about livelihood security. In this dynamic environment, agricultural extension and education must move beyond the conventional transfer of technology towards facilitating knowledge co-creation, strengthening institutional partnerships and empowering farming communities to make informed decisions. As agricultural challenges increasingly transcend geographical boundaries, international research collaboration and knowledge exchange become indispensable. The *Indian Journal of Extension Education* remains committed to providing a scholarly platform for critical inquiry, methodological innovation and evidence-informed policy and practice.

The *Indian Journal of Extension Education* continues to gain recognition in the global scholarly community. As reported in Scopus, the journal has achieved a Cite Score of 2.9, with 468 documents indexed in its database (<https://www.scopus.com/sourceid/21100846015>). This progress reflects the collective efforts of authors, reviewers, editors and other stakeholders in advancing the quality, visibility and international reach of extension research.

Current issue containing 33 full length Research Papers, 5 Research Tools, and 10 Research Notes brings together diverse research contributions that illuminate these emerging priorities and reinforce the interdisciplinary and international character of extension research. Climate change and resilience emerge as important themes. Contributions examining farmers' climate adaptation practices in Bangladesh, climate-smart agriculture adoption in India and Indonesia, and global research trends in climate resilience highlight the need to understand not only the availability of scientific technologies but also the social, economic and institutional conditions that influence their adoption. Similarly, research on weather-based sorghum yield prediction and climate-resilient technologies for water-secure farming underscores the importance of integrating scientific evidence, timely advisories and location-specific extension strategies. Strengthening farmers' adaptive capacities requires coordinated efforts among research institutions, extension agencies, policymakers and local communities. Equally significant is the recognition of indigenous knowledge, community institutions and collective action in sustainable agricultural development. The contribution on millet-based entrepreneurship further highlights the relevance of community-based approaches in connecting local resources with livelihood opportunities. Integrating validated indigenous knowledge with scientific innovations can help develop locally appropriate, culturally responsive and environmentally sustainable solutions. The issue also emphasizes the human and institutional dimensions of development. Studies on Generation Z farmers in Indonesia, rural youth aspirations, women's participation in household and farm decision-making, tribal farm women's nutritional security, and the livelihood implications of employment guarantees demonstrate that agricultural development cannot be assessed through productivity alone. Research on ICT-based agricultural extension, service utilisation and the disconnect between academic research and farmers' needs highlights the importance of institutional capacity, credible communication, participatory approaches and continuous feedback. The challenge is to combine digital platforms and data-driven advisory services with human interaction, local knowledge and accountable extension institutions. It is hoped that the contributions in this issue will stimulate further dialogue among researchers, extension professionals, educators and policymakers, strengthening the collective endeavour to build resilient, inclusive and sustainable agricultural and rural systems.

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