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Prof. (Dr.) Raihana Habib Kanth is an accomplished academic leader, agronomist, and agrometeorologist with over three decades of experience in teaching, research, and agricultural extension. She currently serves as Director Extension, SKUAST–Kashmir, and has previously held several senior academic and administrative positions, including Dean, Faculty of Agriculture, Professor & Head, Division of Agronomy, and Programme Coordinator, Krishi Vigyan Kendras (KVKs) of Srinagar and Budgam. She obtained her Ph.D. in Agronomy from SKUAST–K, M.Sc. in Agrometeorology from Punjab Agricultural University, Ludhiana, and B.Sc. Agriculture from SKUAST–K, all with First Division. Her academic portfolio includes extensive teaching at undergraduate and postgraduate levels and supervision of more than 60 students, including masters, doctoral scholars and an international Ph.D. candidate. Prof. Raihana Habib Kanth has led and contributed to over 65 research projects, including multiple externally funded national programs, and has played a key role in the release of three crop varieties. Her research expertise encompasses irrigation and water-use efficiency, agrometeorology, climate change adaptation and mitigation, crop simulation modeling, precision nutrient management, weed science and integrated farming systems, particularly under temperate agro-ecological conditions. She has published over 200 peer-reviewed research and review articles in reputed national and international journals, authored many books, contributed extensively to book chapters and technical manuals etc. She serves on the editorial boards of several national scientific journals and is an active member of numerous professional societies at national and international levels.

A recognized leader in agricultural extension, Prof. Kanth has delivered 500+ television and radio programs, organized hundreds of farmer trainings, and contributed significantly to agromet advisory services, having served for over 15 years as Nodal Officer for national initiatives including GKMS and FASAL. Her institutional leadership has resulted in the establishment of key facilities such as the Centre of Excellence on Integrated Farming Systems (IFS), Campus Radio, and major ICT and infrastructure upgrades at SKUAST-K. Her professional excellence has been acknowledged through several honors, including the Distinguished Scientist Award, Best Extension Worker Award and Best Coordinator Award (ICAR-NAHEP). She has also represented India in international academic and professional programs in China, Israel, and the United Arab Emirates. She continues to play a pivotal role in advancing climate-resilient, sustainable, and technology-driven agriculture, with a strong commitment to translating research into tangible benefits for farming communities.

Prof. Raihana Habib Kanth has made outstanding contributions to women empowerment through her visionary leadership in agricultural extension, capacity building and academic mentoring. As Programme Coordinator of Krishi Vigyan Kendra Srinagar and Budgam, she played a pioneering role in mainstreaming women farmers by strengthening production–market linkages, which facilitated regular lifting and purchase of vegetable crops produced by KVK Srinagar, thereby ensuring assured income and confidence among women growers. She has been instrumental in upscaling women-led Farmer Producer Organizations (FPOs), Farmer Producer Companies (FPCs), and Self-Help Groups (SHGs), mobilizing and empowering more than 200 women members through entrepreneurship development, skill enhancement and institutional support. In addition, she has consistently mentored and guided numerous girl students at postgraduate and doctoral levels, including the successful supervision of an International Ph.D. scholar in Agronomy at SKUAST–K, thereby contributing significantly to the academic and professional advancement of women in agricultural sciences.