

## Profile

Doctorate in Soil Science & Agricultural Chemistry awarded from **Agra University, Agra** under bilateral system in collaboration with **ICAR-Central Soil Salinity Research Institute, Karnal**, M.Sc. Soil Science from **PAU, Ludhiana** and B.Sc Agriculture (Hons.) from **Agra University**. Credited to worked as **SRF/ Research Associate in Department of Soils, PAU, Ludhiana and also in the Division of Crop management and Soil Science, ICAR-Central Soil Salinity Research Institute, Karnal**.

Rendered my services in Sher-e-Kashmir University of Agriculture and Technology J&K, which latter after bifurcation was renamed as SKUAST-Jammu in the capacity of Assistant Professor cum Jr. Scientist, Associate Professor cum Sr. Scientist and Professor cum Chief Scientist all along in the erstwhile AICRP-Cropping System which was later renamed as AICRP-IFS after changing the mandate from Cropping System to Integrated Farming System. Successfully completed a NATP project on IPNS for Rice and Maize based cropping system in hills as a Co-PI. Presently working as Soil Scientist in AICRP- IFS besides acting as **Incharge Farming System Research Centre SKUAST-Jammu Since June 2020**.

Had made significant contributions in the field of Research, Extension and Teaching of Soil Science/FSR and worked on different aspects of soil fertility, soil salinity, sodicity and their fertilizer management and reclamation with special reference to forestry and **successfully developed a Bio-drainage technology for controlling secondary salinization in canal irrigated area under arid and semi arid zone of India** which has been duly recognized by ICAR, New Delhi, besides worked on utilization of sewage water through forestry, amelioration of toxic effect of paper mill effluent and its utilization in rice- wheat system under light texture soils of Punjab besides **developed a suitable IFS model for livelihood improvement of small and marginal farmers under irrigated area of Jammu region** as a team member which due to team effort made the centre proud by awarding the AICRP-IFS Jammu centre as one of the best centre of the country. Was also active team member for development of success stories, which has created lot impact at the end users level.

Edited 2 books, published 5 book chapters, 54 research papers, 10 popular articles, one bulletin, 2 concept papers and presented more than 40 papers in various seminar/symposia at national and international level and also attended eight summer/winter/short trainings, for capacity building.