



Dr. Shashi Rawat

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Dr Rawat started his career as Scientist at ICAR-Central Potato Research Institute, Shimla (HP) in the year 1999. He obtained his doctoral degree in Computer Science from Kurukshetra University, Kurukshetra (Haryana). His major fields of interest are Geographical Information System (GIS), Remote Sensing (RS), Databases, Networking and Web based applications development, Decision Support Systems (DSS), Artificial Intelligence & Machine Learning and Bioinformatics. He is actively working and developing ICT based tools to assist both potato researchers and growers. As a computer scientist, he has contributed in development of DSS like Indo Blight Cast, Computer Aided Advisory System for Crop Scheduling, Potato Pest Manager, Potato Weed Manager, Potato Growing Season Descriptor, Nutrient Recommendation for raising potato in UP & Punjab, besides, he has also developed portals like Potato Portal and Potato Pathogenomics Portal. He has also developed several e-books & e-publications, web & mobile apps, databases and other gene bank submissions. Dr Rawat visited Wageningen University & Research (WUR), The Netherlands for sequencing potato chromosome II under the Potato Genome Sequencing Consortium (PGSC) partner institute. He was honoured with Nanaji Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agricultural and Allied Science 2015-16 (Crop & Horticultural Sciences) for research on “Forecasting for Management of Late Blight of Potato (IndoBlightCast)”, IPA-Kaushalya Sikka Memorial Award (2013-17), IPA-Chandra Prabha Singh Young Scientist Award for the year 2013-2014, ICAR-CPRI Best Worker Award in scientific category for the year 2014-2015. Dr Rawat has over 100 research papers, book chapters, technical bulletins, e-publications, databases and portals to his credit. He is currently serving at ICAR-CIAE Bhopal as Principal Scientist & Incharge CAD Cell, Secretary IRC, Program Coordinator and Examination Controller IARI-CIAE Hub and Member ITMC.