

**Citation for Dr. R. K. Singh, Project Coordinator, All India Coordinated Research Project
on Plastics Engineering & Technology, CIPHET, Ludhiana**

Dr. R. K. Singh is presently working as Project Coordinator of All India Coordinated Research Project on Plastics Engineering & Technology located at Central Institute of Post Harvest Engineering & Technology, Ludhiana. Before assuming the present assignment, Dr Singh served as Head, Division of Land & Water Management at ICAR, Patna and Head, Division of Agricultural Engineering, ICAR Research Complex, Meghalaya. Dr Singh has rendered 20 years of valuable services in areas of Watershed Development & Management, Micro water resource development, micro irrigation and protected cultivation in disadvantaged areas of NE India. Born on 07/01/1964 in Varanasi (UP) Dr. Singh completed graduation and post-graduation in Agricultural Engineering from GB Pant University of Agriculture & Technology, Pantnagar in 1985 and 1996, respectively. Later in 2010 he was awarded Ph D degree from IIT Kharagpur. Dr. Singh advanced the knowledge in hydrology of hilly watersheds by parameterization and application of a physically process based model, namely WEPP in high rainfall and steep slope conditions. He played an active role in development of 4 model watersheds in the NEH region through treatment of 2050 ha area with appropriate soil & water conservation technologies and integrated farming systems on sloping lands resulting in sediment yield from 23 Mg ha⁻¹ in case of untreated watershed to 8 Mg ha⁻¹ in case of treated watersheds. Dr. Singh developed and standardized the method for LDPE lining of water harvesting tank and contributed significantly in the area of protected cultivation by developing & popularizing low cost polyhouse for terraced land conditions, standardizing agro-techniques for strawberry and gerbera in protected conditions, and standardizing cropping sequence for round-the-year utilization of polyhouse with B:C ration of > 2.0 in NE India.

Dr. Singh has made significant contribution to science and society through more than 65 wide ranging publications in important national and international journals, books, and book chapters. He is recipient of the ICAR prestigious Vasant Rao Naik team award-2006 for research applications in agriculture, eminent agricultural engineer award-2015 by Institution of Engineers (India), elected fellow of Institution of Engineers (India) and Indian Association of Hill Farming. Dr. Singh is life member of 6 professional bodies.

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