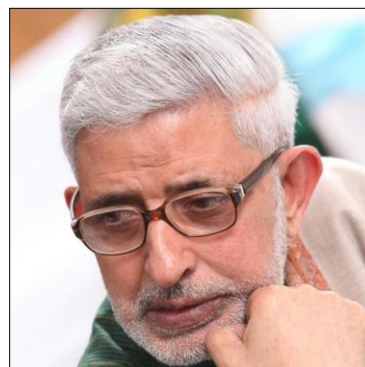


Prof. A. P. Misra Memorial Lifetime Achievement Award (2020)

Professor Bushan L Jalali

Professor Bushan L Jalali, born on June 14, 1943 in Srinagar, Kashmir, received his early education at National High School, Srinagar (1953-57); and Amar Singh College, Srinagar (1957-59); and later obtained B.Sc(Ag.) and M.Sc.(Plant Pathology) degrees from Banaras Hindu University, and Ph.D. from Punjab Agricultural University, in 1963, 1965 and 1968 respectively. He pursued his post-doctoral research at Federal Research Centre for Agriculture, Braunschweig, Germany (1973-75).



Dr. Jalali served as Professor of Plant Pathology (1982-2003), Head, Department of Plant Pathology (1987-90) and Director of Research, CCS Haryana Agricultural University, Hisar (1998-2001). He was instrumental in revamping the National Research Centre for Integrated Pest Management, Indian Council of Agricultural Research during his tenure as *founder* Director, and later as Chairman of the Research Advisory Committee. Dr. Jalali got recognition at the international level as Visiting Professor at University of Hannover; and University of Tubingen, Germany; Universities of Montreal, McGill and Laval, Canada; Universities of Ohio, Texas, Michigan and North Carolina, USA; and DongGuk University, Seoul, S.Korea. He led study visit of Indian delegation to various land-grant Universities in U.S.A. for strengthening India-U.S. research collaborations during 2000.

Dr. Jalali's major research contributions in the domains of: Dynamics of mycorrhizal associations under biotic and abiotic stresses, (*phosphate flux in mycorrhizal model system*); Side-effects of pesticides on non-target microorganisms; and Mycorrhizal potential in biocontrol, have been widely recognized. He was instrumental in developing decision-support system in Integrated Pest Management (IPM) and significantly contributed in the area of molecular biology of host-pathogen interactions (*signal transduction in mediating expression of resistant genes; crosstalk between different signaling pathways and pathogenesis-related proteins*; and variability in various target pathogens using molecular tools. He has published more than 150 research papers in peer-reviewed reputed national and international journals.

Dr. Jalali has received several prestigious awards including: M J Narasimhan Academic Award (1978), M. S. Pavgi Award (1990), Sir J.C. Luthra Award (2000), N. Prasad Memorial Award 2008, IPS-Recognition Award, (2010); ICMPB Life-Time Achievement Award, Banaras Hindu University, (2012); ISMPP-Life-Time Achievement Award, (2013), and Asian PGPR- Life-Time Achievement Award, (2014). He also served as President of the Indian Society of Mycology and Plant Pathology in 1998, and Indian Phytopathological Society in 2000.

In recognition of his outstanding contributions in the domain of plant protection, Dr. Jalali was elected Fellow of the National Academy of Sciences, India; National Academy of Agricultural Sciences, India; Indian Phytopathological Society; Honorary Fellow, Indian Society of Plant Pathologists; and Indian Phytopathological Society. He served as Chairman/Member of several research management and advisory committees of ICAR, DBT, UGC, DST, IDRC, ICOM, Accreditation of Agricultural Universities, Executive Council of NAAS, New Delhi; Member, Commission on Agricultural Reforms, Research and Development, Govt. of Jharkhand, and other national and international bodies. Dr. Jalali immensely contributed as *Technical* Advisor, Academic Councils of I.A.R.I., New Delhi; CSK H.P.K.V. Palampur; Board of Management, CCS HAU, Hisar and National Research Development Council, Govt. of India.

Over and above, Dr. Jalali is a motivating force for researchers and students in carrying out research in different dimensions of plant pathology. He has mentored many research scholars and young scientists, now occupying pivotal positions at national and international levels. Besides his academic excellence, he has shown special acumen for light classical music, poetry and *ghazals*.

In view of his outstanding contributions in the field of Plant Pathology, Prof. B L Jalali was honoured with the prestigious Professor A. P. Misra Lifetime Achievement Award in 2020 by the Indian Phytopathological Society, New Delhi.