

## Brief Biodata

Dr.P. Kaushal, Joint Director (Research)  
ICAR-National Institute of Biotic Stress  
Management, Baronda, Raipur (C.G.),  
E-mail –[jdribsm@gmail.com](mailto:jdribsm@gmail.com)  
Mobile: +91 9198890991,  
Office: 0771-2225353  
Fax: 0771-2225351



Dr Pankaj Kaushal, born on September 30, 1970 in Punjab, completed graduation (1989) from Ravishanker University Raipur (CG), and Post-graduation (1992) and Doctorate (1995) in Genetics from Punjab Agricultural University, Ludhiana. He joined ICAR as Scientist in 1995 and served Indian Grassland and Fodder Research Institute (IGFRI) Jhansi in capacities of Scientist and Senior Scientist for 13 years and at National Rice Research Institute, Cuttack, as Principal Scientist (2008-2011). He later served as Head, Crop Improvement Division, ICAR-IGFRI Jhansi (2011-2016) and presently holds the research management position of Joint Director (Research) at National Institute of Biotic Stress Management, Raipur, since 22.02.2016.

His area of research includes crop cytogenetics, alien gene introgressions for improvement of crop plants (including fodders and cereals) for enhanced stress tolerance and other desirable traits, as well as understanding seed development process in grasses and cereals, including apomixis. He has six released varieties in crops such as berseem, guinea grass and pearl millet and a total of 25 germplasm registrations as novel genetic stocks in guinea grass, berseem and pearl millet, that also include a world's largest ploidy series in a crop plant generated from a single progenitor, represented by eight ploidy levels (listed in Limca Book of Records 2020), and also has developed a novel breeding methodology (HAPA) for apomictic crops. Presently, he is involved in understanding molecular mechanism of host-pathogen interactions and utilization of wild species for biotic stress mitigation strategies.

He has been bestowed with several awards and Honors including M S Randhawa medal, Fellow RMSI, NAAS Associateship, BOYSCAST Fellowship, Indian Biotech Overseas Associateship and ICAR-Multidisciplinary research team award, and had conducted post-doctoral research in Germany, Italy and USA. He is also in institute management committees of ICAR-IGFRI and ICAR-CAFRI Jhansi. He has more than 70 research articles published in journals of international repute (citation index >600, h-index 14, i10 index- 23), and many book chapters and edited books in his area of research.

Further details at [https://www.researchgate.net/profile/Pankaj\\_Kaushal](https://www.researchgate.net/profile/Pankaj_Kaushal)