

Dr Jitender Giri, an eminent Scientist from NIPGR, New Delhi has been awarded the prestigious ‘SWARNAJAYANTI FELLOWSHIP’ (2018-2019)” by the Department of Science and Technology (DST), Government of India



Dr. Jitender Giri, Scientist, NIPGR, New Delhi

Dr. Jitender Giri is an eminent scientist at Department of Biotechnology’s (DBT’s) autonomous institute National Institute of Plant Genome research (NIPGR), New Delhi. He has been selected for prestigious “SWARNAJAYANTI FELLOWSHIP (2018-2019)” awarded by the DST, Govt. of India. He has an honour of being first plant scientist to be selected for this prestigious award. Under this fellowship, the selected young scientists are provided with special assistance and support to enable them to pursue basic research in frontier areas of science and technology (S&T).

Dr. Jitender Giri and his team is currently focusing on finding novel genes and understanding their functions in cellular signaling in response to limiting phosphorus (P) conditions. They are targeting P solubilizing enzymes, membrane remodeling genes, and root development to improve resource acquisition and utilization in rice and chickpea. He has adopted the state-of-the-art methodologies and genomic technologies such as transcriptomics, metabolomics, phenomics,

transgenesis and gene editing to identify the candidate genes for improving plant performance in low P input system.

Dr. Jitender Giri has been previously awarded with Prof. Y.S. Murty Medal for Young Scientist in 2019 by Indian Botanical Society, Prof. Hiralal Chakraborty Award in 2019 by Indian Science Congress, NASI-SCOPUS Young Scientist Award in 2018, Indian National Science Academy (INSA) medal for Young Scientist in 2015, Young Scientist Platinum Jubilee Award (2013) from the National Academy of Sciences, India, DBT-CREST Fellowship Award for 2011-2012 from the DBT, India. Some of the other celebrated fellowships granted to Dr. Jitender Giri include Junior and Senior Research Fellowships from CSIR from 2004-2009, and University Gold Medal for first position in master's examination.

He has successfully published his work in reputed peer reviewed and SCI indexed journals such as *Nature Communications*, *Protoplasma*, *Plant Physiology*, *Plant Physiology*, *Scientific Reports* etc. He has to his credit several scientific projects funded by different scientific departments and organizations of India. Dr. Jitender Giri has been interviewed on popular science programme "Eureka".

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