

Jagar Nath Raina Memorial All India Best Doctoral Research Award 2015



Dr. Yogeshvari Kishorsinh Jhala, Assistant Professor (Micro.), Department of Agricultural Microbiology, B. A. College of Agriculture is honoured by **Jagar Nath Raina Memorial All India Best Doctoral Research Award - 2015** announced on Feb. 28, 2016 from Society for Advancement of Human and Nature (SADHNA) **in recognition to her Ph. D. research work on “Isolation and characterization of methylotrophic bacteria from wetland paddy ecosystem and their plant growth promoting rhizobacterial (PGPR) traits”** accomplished under the guidance of **Dr. Rajababu V. Vyas**.

Methylotrophic bacteria possess methane mono-oxygenase and methanol dehydrogenase enzymes and are well-known biological sink to reduce methane emission from rice ecosystem. Moreover, such native bacteria have additional ability to promote rice plant growth by increasing nutrient availability and production of certain growth hormones.