

STAFF PROFILE CONTENT BRIEF

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DESIGNATION

SENIOR RESEARCH TECHNICIAN



Title & Name: Dr. Adarsh Kumar Puri

Qualification & Institution: Ph.D. (Microbiology) – University of Delhi, India

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Campus: Steve Biko Campus

Area of Expertise: Environmental Biotechnology, Enzyme Technology, Microbiology

Short Bio: Dr Puri joined the Department of Biotechnology and Food Technology as a postdoctoral fellow in the Enzyme Technology Research group during April 2013. His area of expertise include Enzyme Technology, Environmental Biotechnology, Fermentation and Microbiology. His research projects have been focused on the production, purification and characterization of novel thermostable enzymes for enhanced bioethanol production, plant-growth-promotion, global warming mitigation using biomimetic carbon sequestration and biocontrol of insect pests of KwaZulu-Natal. More recently, he initiated research projects on nanobiotechnology and enhanced production of biofuels using microbial thermostable enzymes. In addition, Dr Puri is an indispensable member of key national (Agricultural Research Council, Technology Innovation Agency) and international projects (BRICS, National Research Foundation SA-China).

Academic Interests: Biochemistry, Microbiology, Enzymology

Research Links: <https://scholar.google.co.za/citations?user=vvqbrNQAAAAJ&hl=en>