



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

कुलाध्यक्ष का सर्वोत्तम विश्वविद्यालय पुरस्कार, 2016 Visitor's Best University Award, 2016

Media Cell

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Tata Innovation Fellowship to Prof. Ashis K. Mukherjee



Prof. Ashis K. Mukherjee, Dean, Research and Development, and a senior faculty member from the Department of Molecular Biology and Biotechnology, Tezpur University has been selected for the prestigious Tata Innovation fellowship of the Department of Biotechnology, Govt. of India for the year 2017-18 in recognition of his outstanding research contributions. The fellowship is meant to honor and encourage scientists involved in translation research dedicated to

finding solutions by innovative scientific knowledge and platform technologies.

The most significant research contributions of Prof. Mukherjee are biochemical, pharmacological and proteomic characterization of snake venom, clarity on molecular mechanism of toxicity of several novel and/or new toxins from snake venom, assessment of efficacy and neutralization potency of commercial antivenom for improvement of snakebite therapy, and therapeutic application of several relatively non-toxic components of snake venom, bacterial enzymes and medicinal plants protein as cardiovascular and anticancer drugs.

In collaboration with ONGC, Prof. Mukherjee has also worked on developing sustainable biotechnology of deep-desulfurization of fossil fuels using indigenously isolated microbes without compromising the quality of oil to reduce the environmental pollution from fossil fuel combustion.