

MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY, BAREILLY

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Department of Chemical Engineering

PATENTS

Dr. M. S. Karuna Patents Publication

- **Dr. M.S. Karuna et al., “Biochemical reactor for production of biofuel” (INDIA, Published/Granted) Design No.439728-001**
- **Dr. M.S. Karuna et al., “Membrane bioreactor for Wastewater Treatment”. (International, Granted) Patent Design No. 6437631. The patent office UK design journal.**
- **Dr. M.S. Karuna et al., “Estimation of catchment-scale soil moisture from topography”. (INDIA, Published/Granted) Patent Application No. 202321039430. The Patent Office Journal No. 34/2023 Dated 25/08/2023 Page No. 153.**
- **Dr. M.S. Karuna et al., “Neural Network for ECG Anomaly Detection in IoT Environment,” (INDIA, Published/Granted on 30/12/2022) Patent Application No. 202241072720.**