

Patent

Department of Chemical Engineering

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1. **Patent Filed:** Patent Application No. **202431000061** dated 01.01.2024 entitled “IOT-ENABLE SMART WATER HEALTH MONITORING AND CONTROL SYSTEM USING LORAWAN COMMUNICATION FOR PISCICULTURE” in the names of **Dr. Biswajit Mandal**, Mr. Swarnajit Bhattacharya, Dr. Mrinmoy Sen, Dr. Asim Halder, Mr. Asit Kumar Nayek, Dr. Amit Biswas, Dr. Subrata Mondal, Dr. Sunil Baran Kuila, Dr. Sutapa Roy and Dr. Lipika Das Samanta.”, From Intellectual Property India (GOV. of India).
2. Deepak Kumar Samal, Shakti Prasanna Khadanga, Gopendra Kishore Roy, Yashobanta Kumar Mohanty “Laminar Pipe Flow Observation Apparatus (LPFOA)”, Patent No. 494508 (application no. 201931049723), Grant date- 04.01.2024, (SL No :033131489:), From Intellectual Property India (GOV. of India).