



## Bioremediation of Industrial Effluents Using Some White Rot Fungi

By Mukesh Chander

LAP Lambert Academic Publishing Mai 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x7 mm. This item is printed on demand - Print on Demand Neuware - The modern science and technology in all way has helped the industries to increase their productions but at the cost of environment by releasing hazardous chemical wastes to our natural ecosystems. These effluents are adding adverse effects to the natural environment in form of high load of BOD-COD and mutagenic/carcinogenic agents, severely deteriorating the quality of ground water. The main contributors in this regard are Textile-Processing industries, Pulp-Paper mills and Tanneries. Under natural conditions these effluents show little or no degradability. These effluents when disposed untreated have been proved to be potent mutagenic/carcinogenic agents in microbial and human systems. This further deteriorates the water quality. Some of the rivulets of India namely The Ganges and Yamuna have been severely polluted due to discharge of untreated industrial effluent discharge in these water bodies. The major part of world is suffering from acute shortage of water. The treated water can be reused for irrigation, cleaning or industrial purposes. This study aim at use of local and cheaply available raw materials for establishing cost effective, efficient fungal...



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