

BACTERIA AND ITS GOOD BENEFITS IN CHEMICAL PROCESS INDUSTRY EFFLUENTS TREATMENTS

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ABSTRACT

*The pollution status of the effluents from chemical process industry was studied qualitatively by using bacteria during a period of one year. The study of bacteria benefits observed has been calculated in the pilot scale laboratory and has been revalidated with similar applications cited. The treatment efficiency of bacteria, *Pseudomonos sp.*, *Klebsiella sp.*, and *E. coli* was in the range of 85-90%.*

KEYWORDS: *Bio- Monitoring, Industrial Effluents, Water Characteristics, Heavy Water Plant*

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