Adsorption of Heavy Metals from Waste Water using Neem Palm and Indian Beech Trees

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Abstract : Environmental pollution from hazardous metals and minerals can arise from natural as well as anthropogenic sources. Most of the industrial discharged wastewater contains heavy metals like copper, zinc and cadmium causing adverse effects on human population on consumption. In the present work, experimental investigation has been carried out on the adsorption of heavy metals such as copper, zinc and cadmium using adsorbents as barks of Neem, Palm and Indian beech trees .and studies have been carried out using analytical and spectroscopic studies. The present study is eco-friendly and cost effective compared to other methods available.

Keywords : Heavy metals, copper, zinc, cadmium.

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