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Research pedagogy

KAZA'S Carbons- Tools of Decolourisation of Aqueous Waste Effluent Water

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ABSTRACT

The impact of modern environment on human population is a major concern to the environment. Different types of dyes are used to colour various materials especially in textiles, leather, pharmaceutical, food industries etc. Over a decade an up-surging attention has been directed to the treatment of dissolved dyes in coloured waste water. Many of dyes are carcinogenic and toxic towards human beings and animals. For decolorization of waste water and industrial effluents- many chemical, physical and biological methods are there. With this aim, the other method had investigated the utility of low cost activated KAZA's Carbons as adsorbents that are renewable agricultural resource, cheap and available in plenty. The KAZA's Carbons are used for the removal of Methylene Blue and Rhodamine B and other dyes. These carbons also used successfully for the removal of colour from textile industrial aqueous effluents collected from many Textile industrial areas.

Keywords: KAZA's Carbon, Methylene Blue.