**Removal of Synthetic Dyes from the Textile Wastewater Using Low Cost Adsorbents**

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Wastewater from the textile industry contains a variety of polluting substances including dyes. Colour is the first contaminant to be recognized in the wastewater and has to be removed before discharging into water bodies or on land.[1] Among various methods adsorption occupies a [prominent](https://www.sciencedirect.com/topics/social-sciences/prominent%22%20%5Co%20%22Learn%20more%20about%20Prominent) place in dye removal.The growing demand for efficient and low-cost treatment method and the commercial potential of adsorption has given rise to low-cost alternative [adsorbents](https://www.sciencedirect.com/topics/earth-and-planetary-sciences/adsorbent%22%20%5Co%20%22Learn%20more%20about%20Adsorbent) (LCAs). This review highlights and provides an overview of these LCAs comprising of some natural as well as synthetic materials which are widely available and have appreciable adsorption capacities.[2]

**References:**

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[2] V.K. Gupta, Suhas, *J. Environ. Manag*.*,* **2009**[, 90(8](https://www.sciencedirect.com/science/journal/03014797/90/8%22%20%5Co%20%22Go%20to%20table%20of%20contents%20for%20this%20volume/issue)), 2313-2342.