

## **Adsorption of ammonium ion using zeolite, chitosan, bleached fibre and activated carbon**

### **ABSTRACT**

Several materials have been studied for the adsorption of ammonium ion from synthetic solution. Zeolite is having the highest adsorption capacity (3.160 mg/g) with fast reaction time followed by chitosan (2.5770 mg/g). Activated carbon derived from Tarap (*Artocarpus odoratissimus*) and rice husk shows better performance than the low cost bleached fibres