Synthesis, Characterization and Application of Nano-Adsorbents for Removal of Metallic Species from Aqueous Solutions



## Thesis Submitted in Partial Fulfillment for the Award of Degree

## Boctor of Philosophy

By

## Shikha Dubey

DEPARTMENT OF CHEMISTRY INDIAN INSTITUTE OF TECHNOLOGY (BANARAS HINDU UNIVERSITY) VARANASI- 221005 INDIA

Roll No. 13051011

October 2016