Supplementary/Supporting Information for

Arginine functionalized magnetic nano-sorbent for simultaneous removal of three metal ions from water samples

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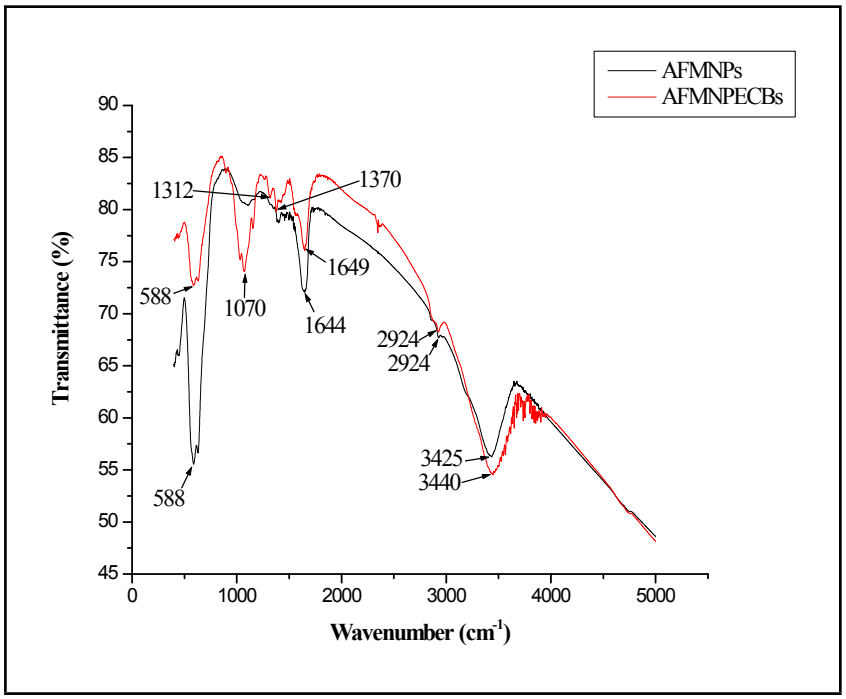


Fig. 1S. FTIR spectra of arginine functionalized magnetic nanoparticles and arginine functionalized magnetic nanoparticle entrapped chitosan beads.

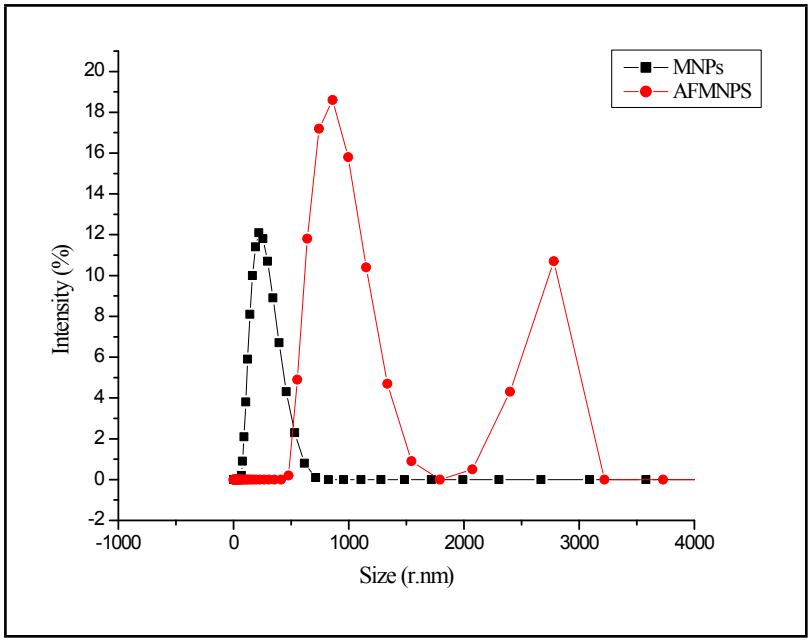
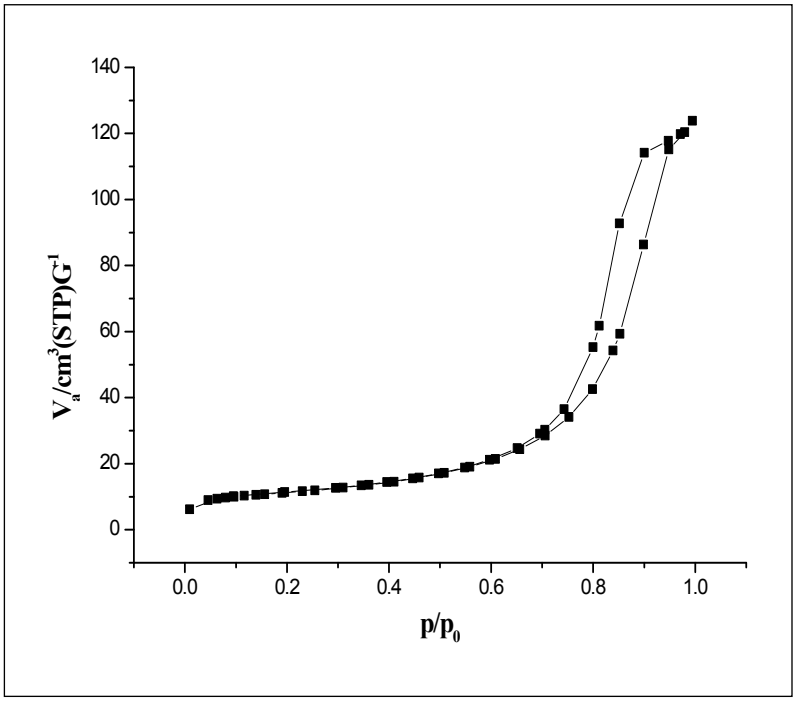


Fig. 2S. dynamic light scattering (DLS) analysis for the size distribution of MNPs and AFMNPs.



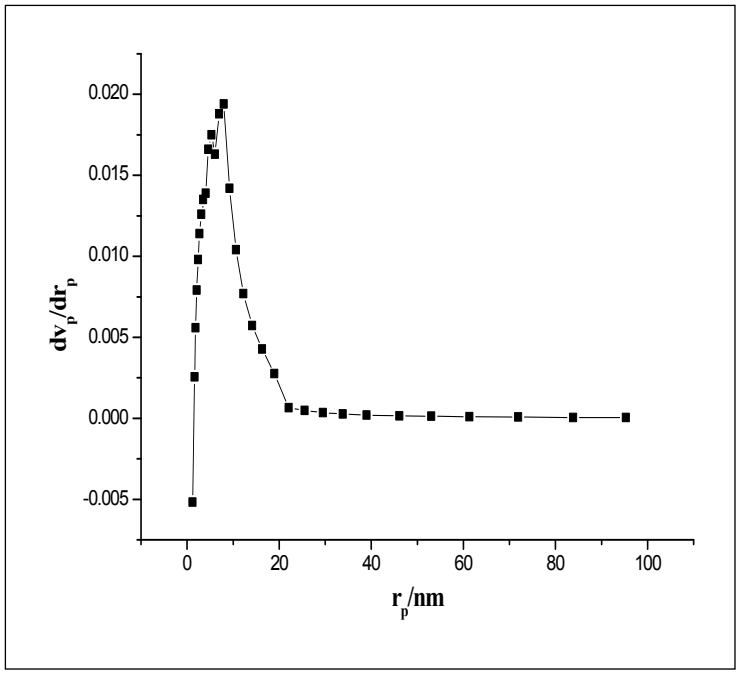


Fig. 2S. N_2 adsorption (open)/desorption (filled) isotherms at 77 K for (a) AFMNPECBs and (b) Pore size distribution of AFMNPECBs.

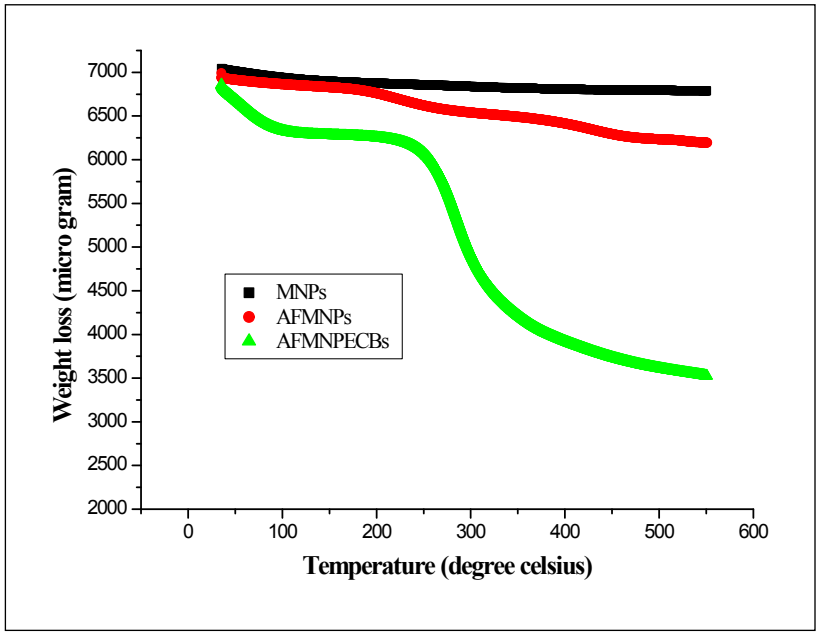


Fig. 4S. Thermogravimetric analysis of MNPs, AFMNPs and AFMNPECBs upto temperature range 550°C.