Supporting Information

In Situ Copolymerized Polyacrylamide Cellulose Supported Fe_3O_4 Magnetic Nanocomposites for Adsorptive Removal of Pb(II): Artificial Neural Network Modeling and Experimental Studies

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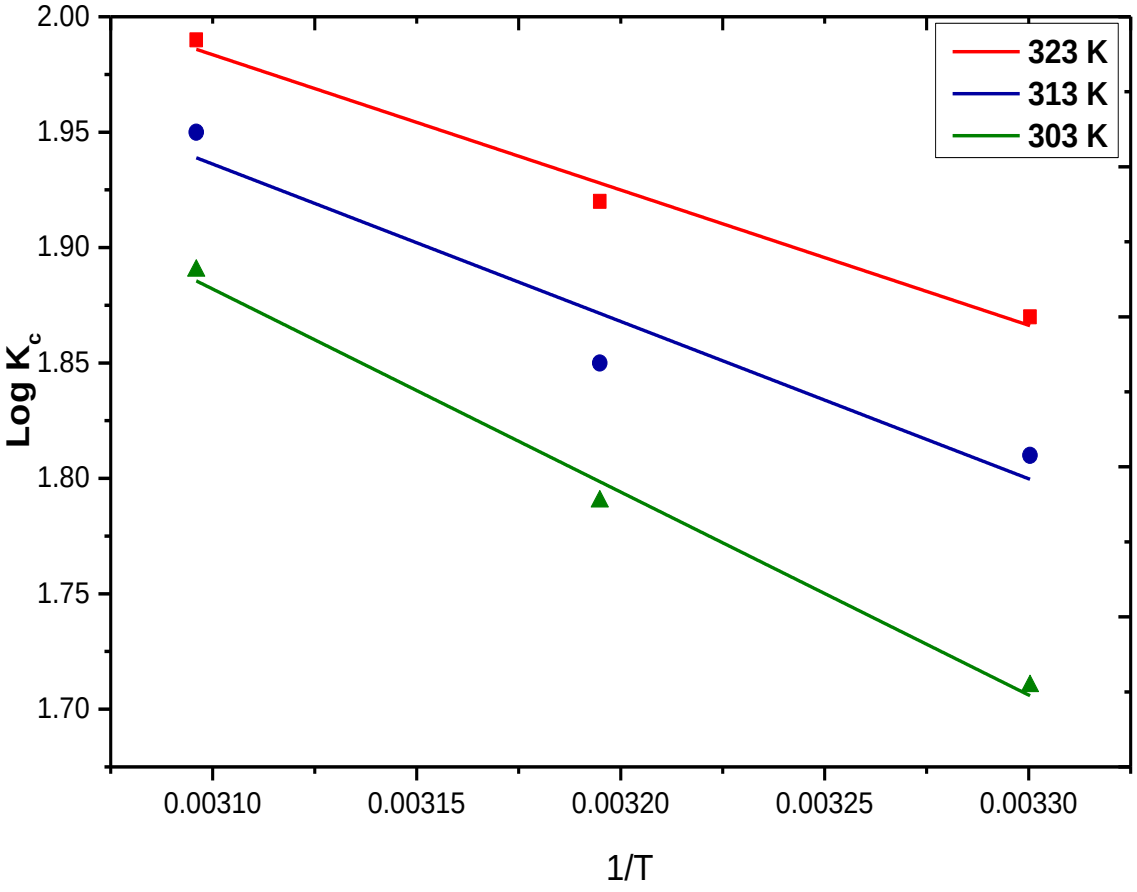

Figure S1. Thermodynamic plot for removal of Pb(II) on PAC@Fe_3O_4 at 323, 313 and 303 K.

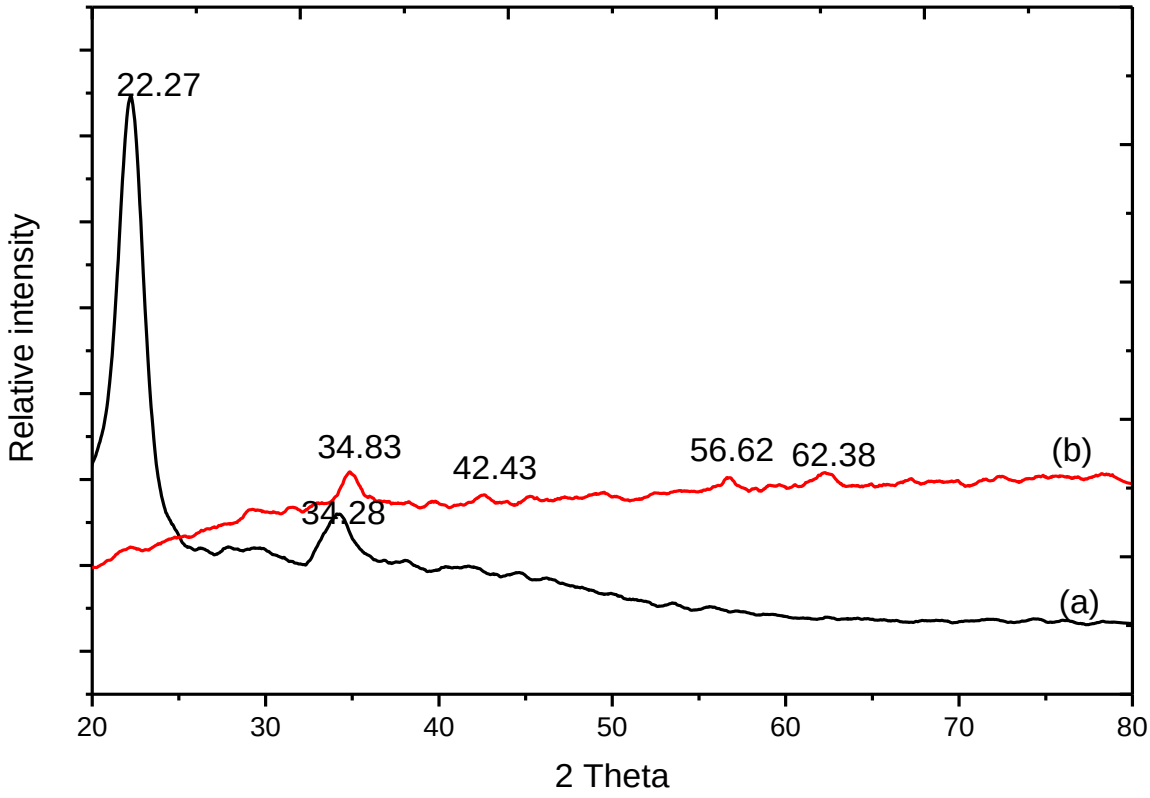

Figure S2. XRD spectra of (**a**) Cellulose and (**b**) PAC@Fe_3O_4.

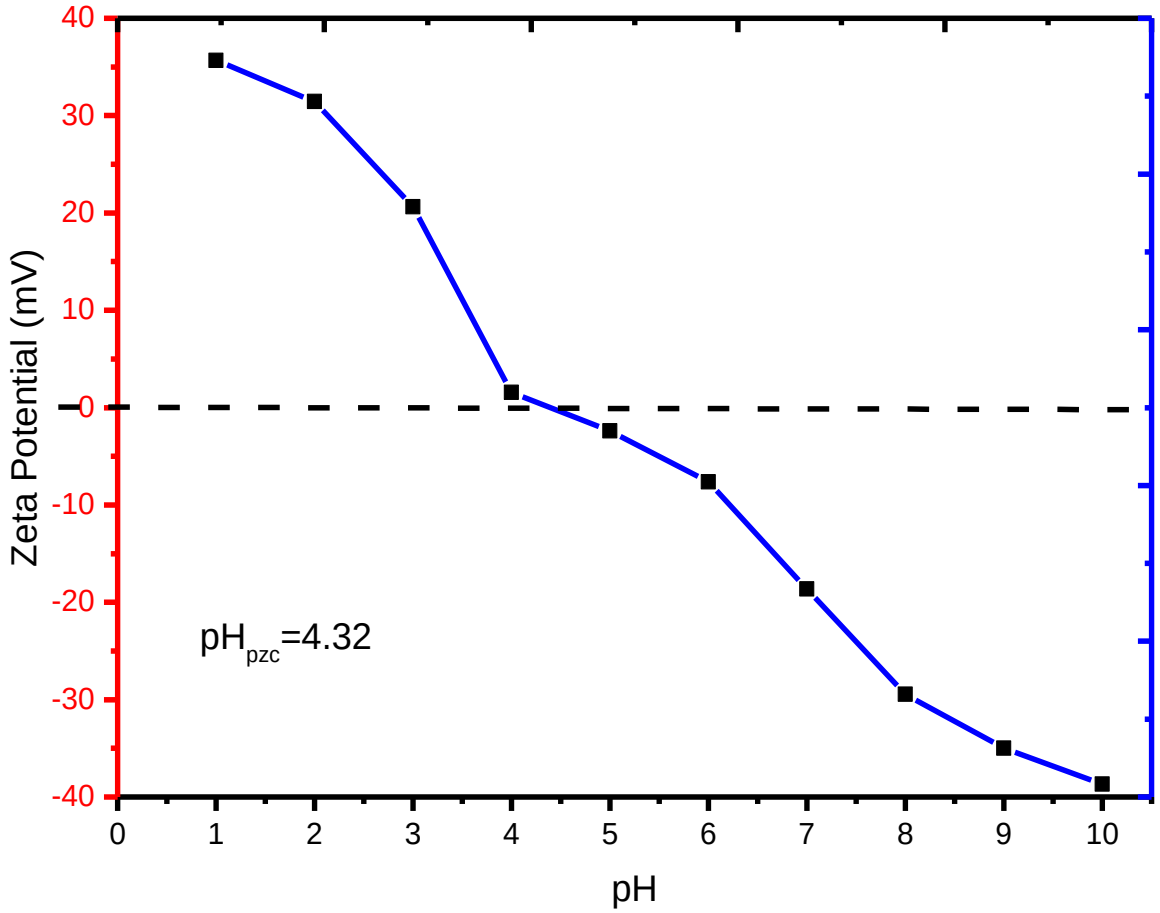

Figure S3. Zeta potential curve for PAC@Fe_3O_4 nanocomposite in a pH range of 1–10 using 0.1 M KCl solution and 100 mg L^{-1} solution of Pb(II).