Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary

Efficient removal of cationic dyes using a new magnetic nanocomposite based on starch-g-poly (vinylalcohol) and functionalized with sulfate groups

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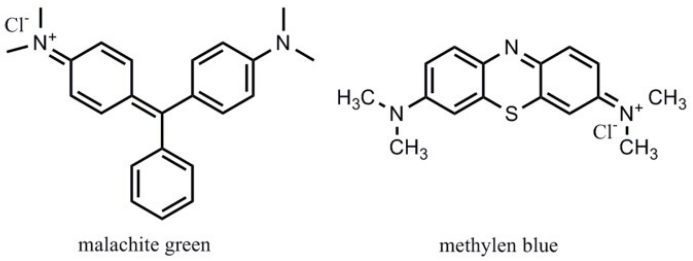

Fig. S1 Structure of dyes

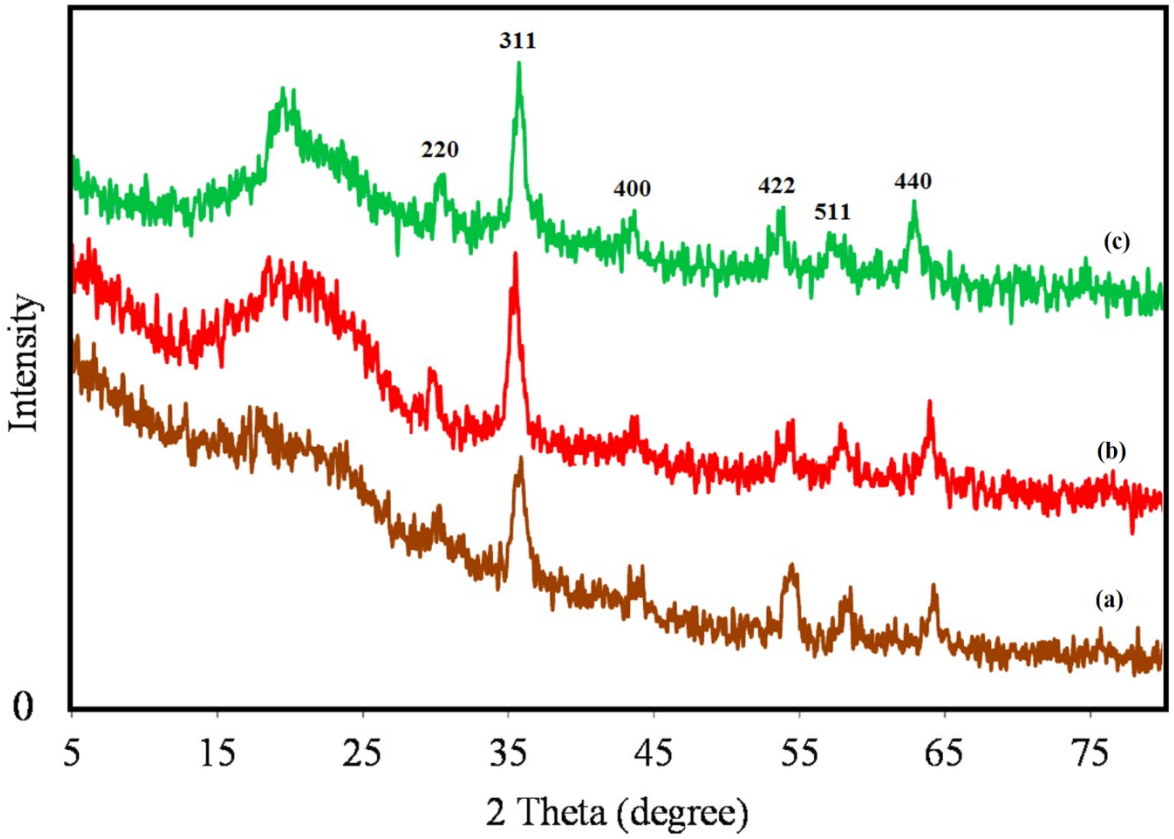

Fig. S2 XRD patterns of MNP (a), MNP@St-g-PVAc (b) and MNP@St-g-PVS nanocomposite

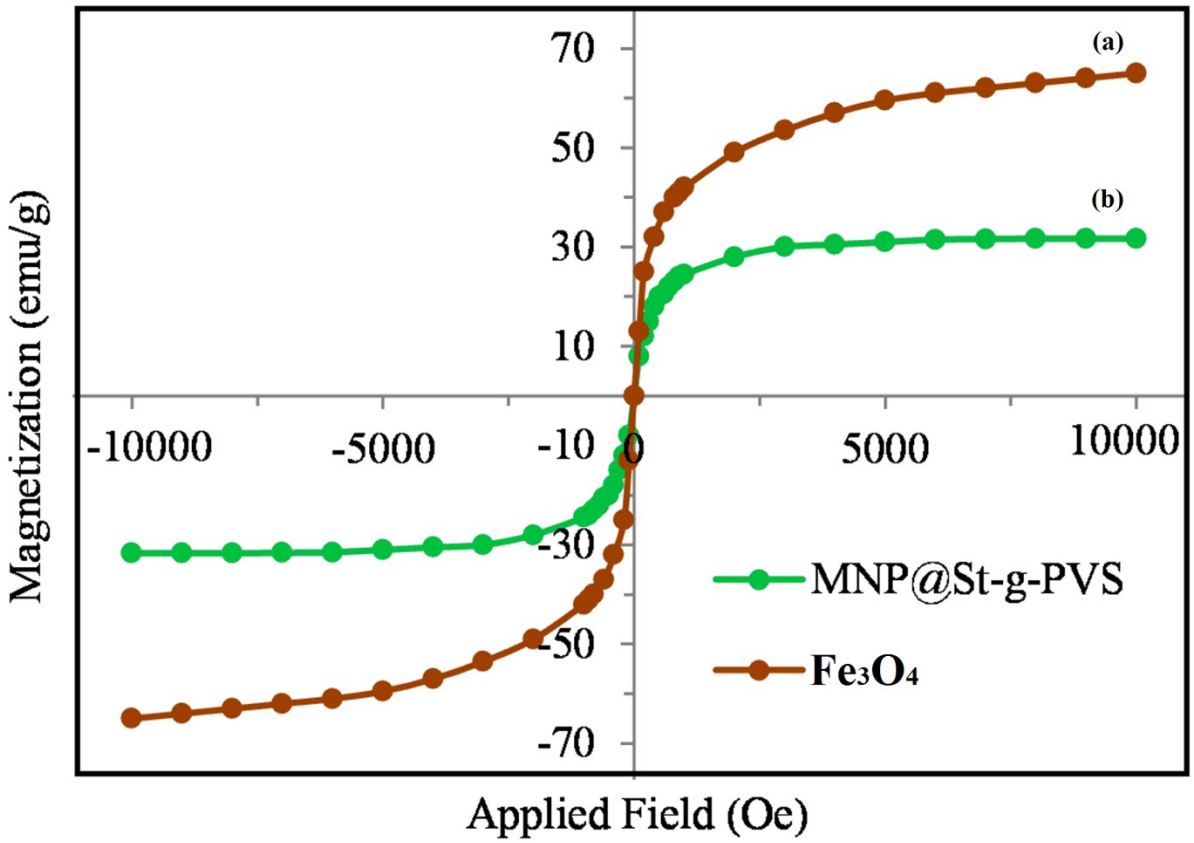

Fig. S3 Room-temperature magnetization curves for Fe_3O_4 (a) and MNP@St-g-PVS (b)

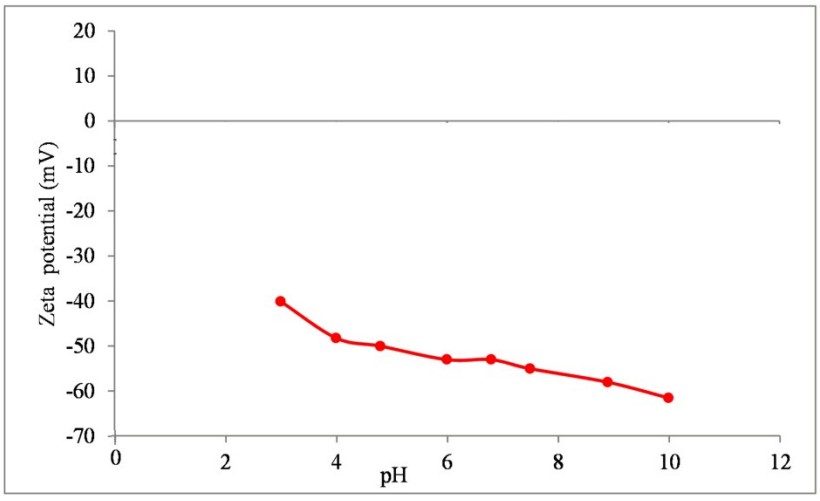

Fig. S4 Zeta potentials of MNP@St-g-PVS adsorbent