Selective Colorimetric Sensing of Toxic Metal Cations by Green Synthesized Silver Nanoparticles at Wide pH range

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Figure S1. PXRD pattern of NB-AgNPs.

Figure S2. Concentration dependent absorption studies of ND-AgNPs with Pb²⁺.
Figure S3. Concentration dependent absorption studies of MF-AgNPs with Hg$^{2+}$.

Figure S4. Concentration dependent absorption studies of MD-AgNPs with (a) Hg$^{2+}$ and (b) Pb$^{2+}$. 
Figure S5. Digital images PS-AgNPs with different metal ions.

Figure S6. Digital images GT-AgNPs with different metal ions.

Figure S7. Concentration dependent absorption studies of Hg$^{2+}$ with (a) PS-AgNPs and (b) GT-AgNPs.
Figure S8. Concentration dependent absorption studies of Pb^{2+} with (a) PS-AgNPs and (b) GT-AgNPs.

Figure S9. Concentration dependent absorption studies of Zn^{2+} with PS-AgNPs.
Figure S10. Digital images of (a) ND-AgNPs and (b) NB-AgNPs with different metal ions.

Figure S11. Digital images of (a) NF-AgNPs with Hg$^{2+}$ at different pH, (b) Hg$^{2+}$ sensing of green synthesized NPs in tap water and (c) Zn$^{2+}$ sensing of PS-AgNPs in tap water at different pH.