Green synthesized silver nanoparticles decorated on reduced graphene oxide for enhanced electrochemical sensing of nitrobenzene in waste water samples

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Supplementary information



Fig. S1 UV-Vis spectra of silver nanoparticles recorded as a time dependent reaction of 50 mL of *Justicia glauca* leaf extract mixed with the 100 mL of aqueous solution of 1 mM AgNO₃ at room temperature.



Fig. S2 FT-IR spectrum of Justicia glauca leaf powder (a) and Green synthesized AgNPs (b).



Fig. S3 Calibration plot of E_{pc} vs. logv.