

## Supporting Information

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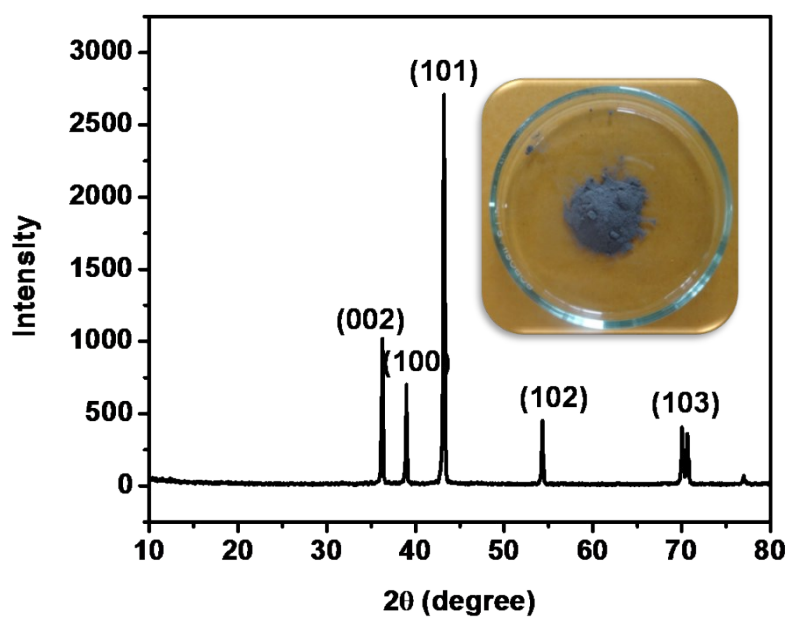
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**Fig. S1** XRD pattern of Zn dust. Inset is the photographic image of Zn dust.

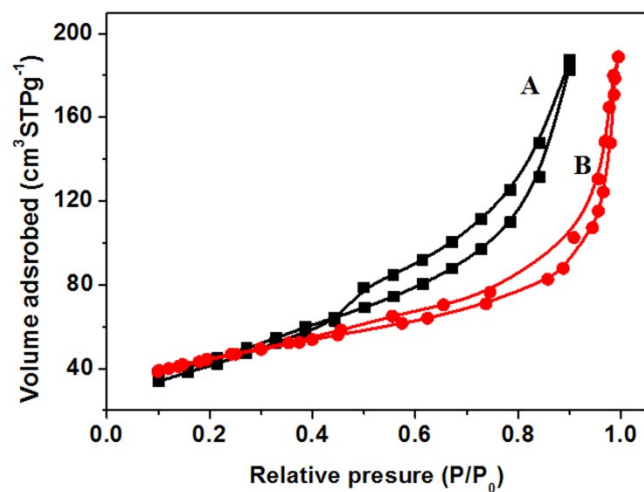


Fig. S2 N<sub>2</sub> adsorption isotherm of (A) GO and (B) rGO.

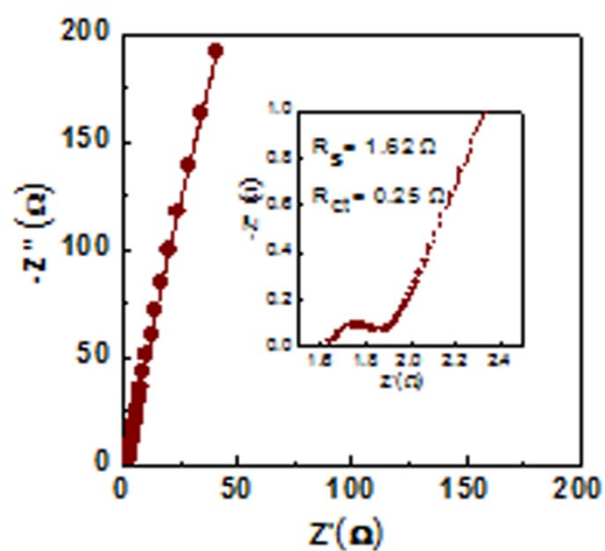


Fig. S3. Nyquist plot of rGO modified GCE.

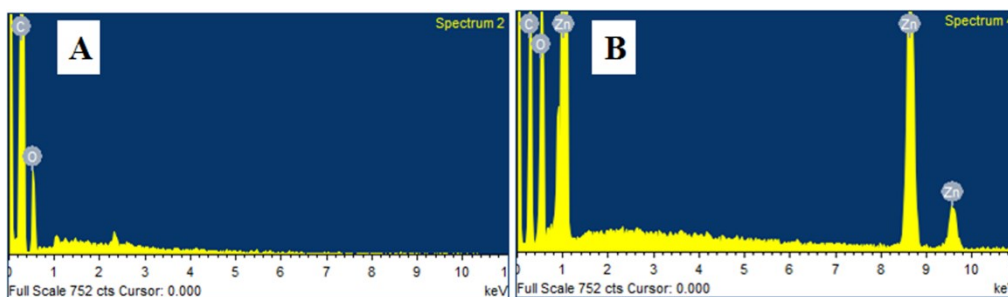
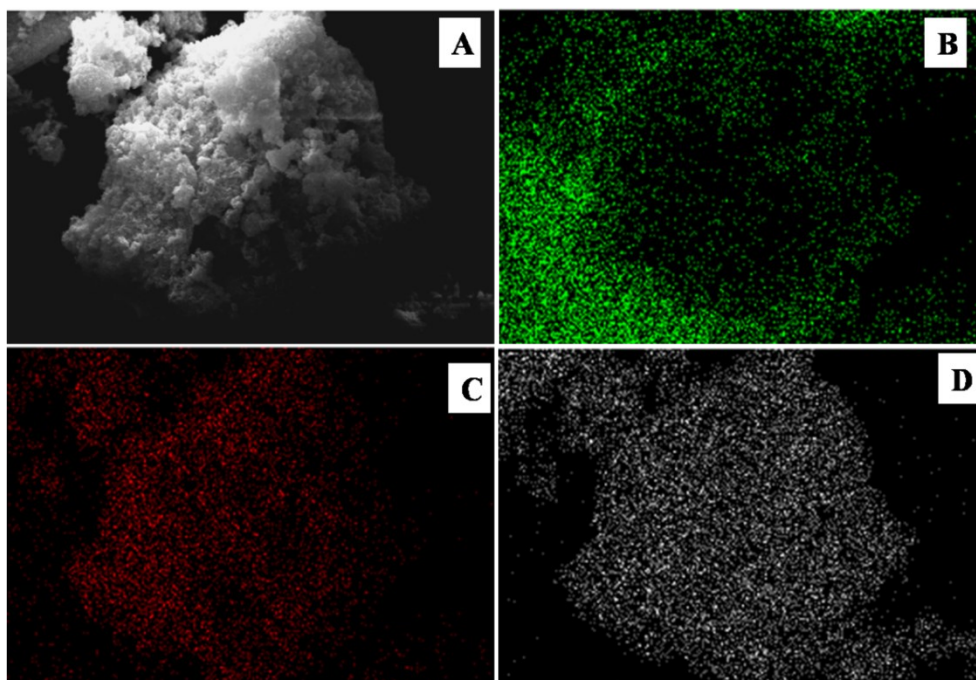


Fig. S4 EDS spectra of (A) rGO and (B) ZSs@1rGO.



**Fig. S5** Elemental mapping of ZSs@1rGO.