

## Fabrication of Hierarchical ZnO/CdS Heterostructured Nanocomposites for Enhanced Hydrogen Evolution from Solar Water Splitting

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### Supporting Information

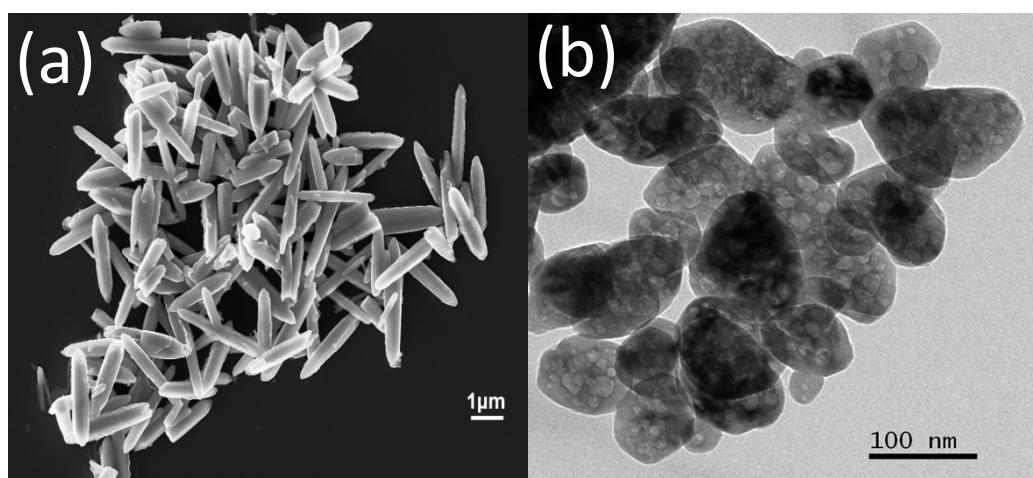


Fig.S1. (a) FESEM image of native ZnO rods and (b) TEM image of native ZnO NPs.

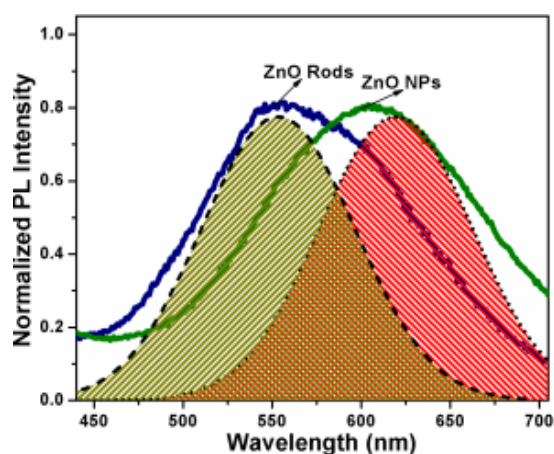


Fig.S2. Deconvoluted (Gaussian curve fitted) visible emission spectra of native ZnO rods and ZnO NPs (excited at 345 nm wavelength).

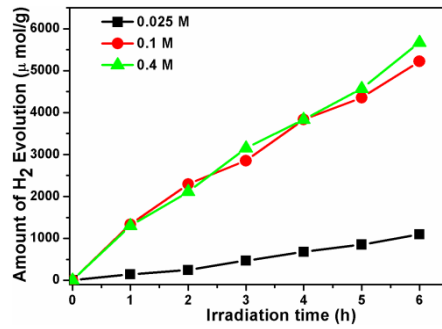


Fig.S3. Amount of the hydrogen evolved on varying the concentration of Sacrificial agent ( $\text{Na}_2\text{SO}_3/\text{Na}_2\text{S}$ ) in ZC-1 heterostructured nanocomposite at optimized condition.

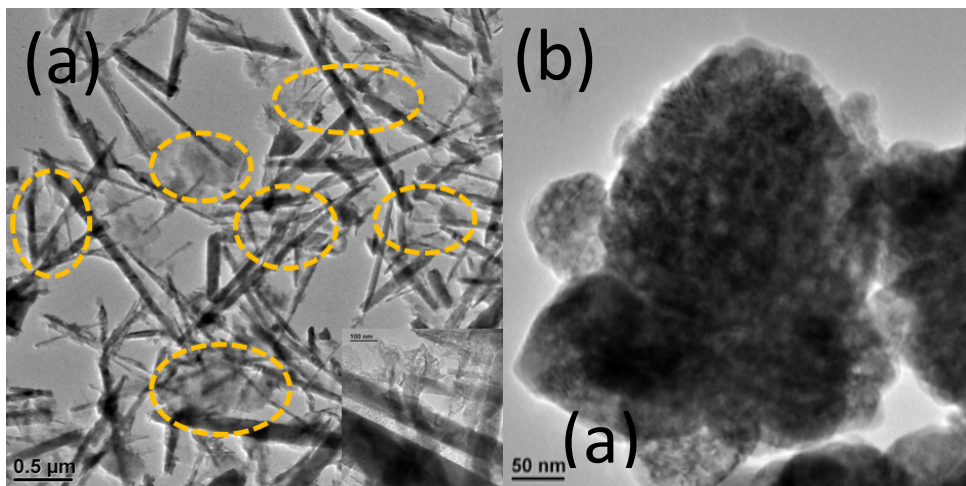


Fig.S4. (a) TEM image of (a) ZC-1 and (b) ZC-2, composites, respectively.