Electronic Supplementary Material (ESI) for RSC Advances

Facile synthesis and the photo-catalytic behavior of core-shell nanorods

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SUPPLEMENTARY INFORMATION

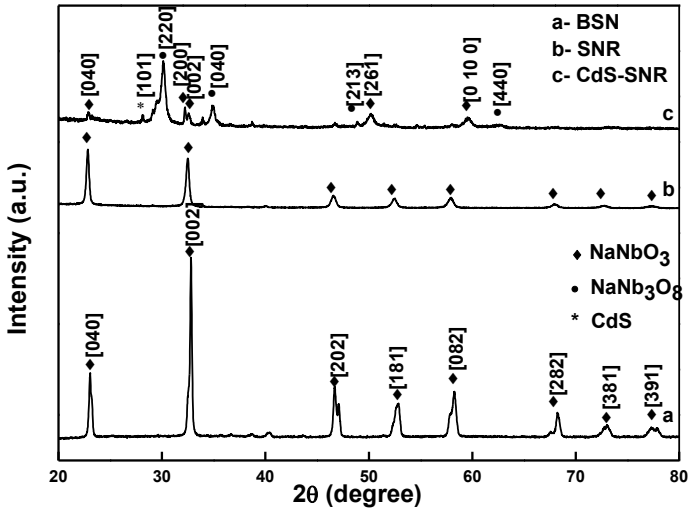

Figure S1. XRD pattern for SNR, CdS-SNR and BSN samples

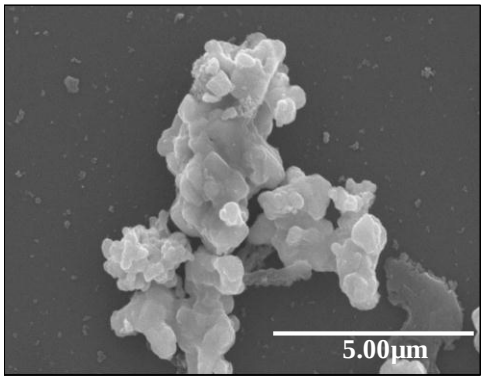

Figure S2. SEM image of BSN powder sample

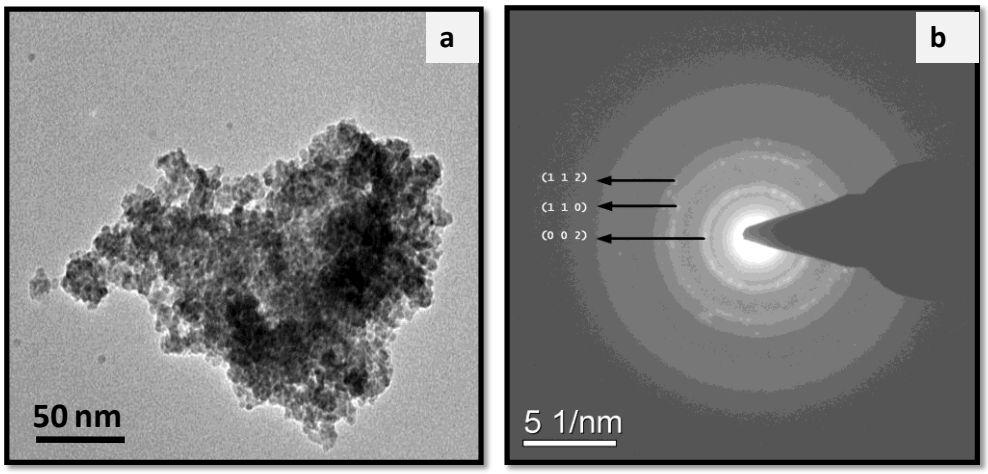

Figure S3. TEM image of CdS nanoparticle (a) and SAED pattern (b)

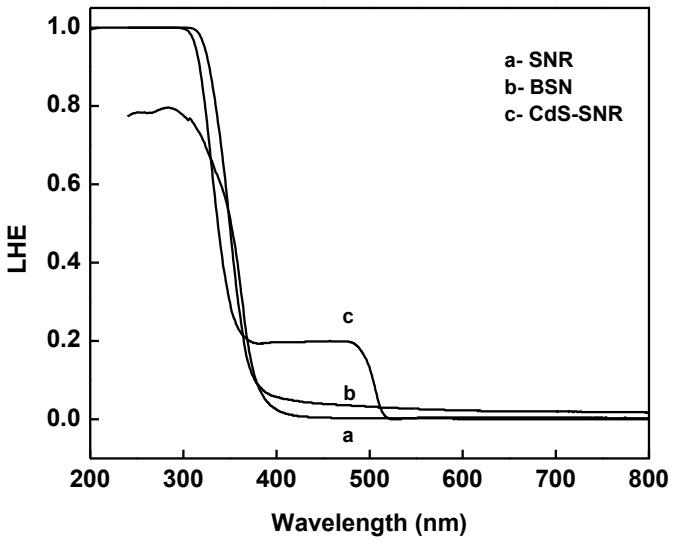

Figure S4. Light harvesting efficiency at different wavelengths for unmodified and CdS modified sodium niobate samples

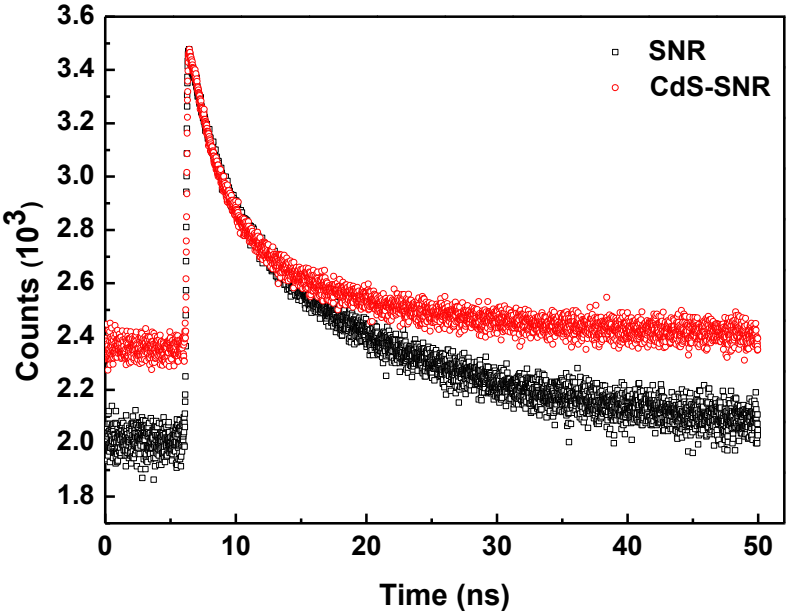

Figure S5. Time -resolved photoluminescence spectra for SNR and CdS-SNR.