Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary data

Neem plant extract-assisted synthesis of CeO_2 nanoparticles for photocatalytic degradation of piroxicam and naproxen

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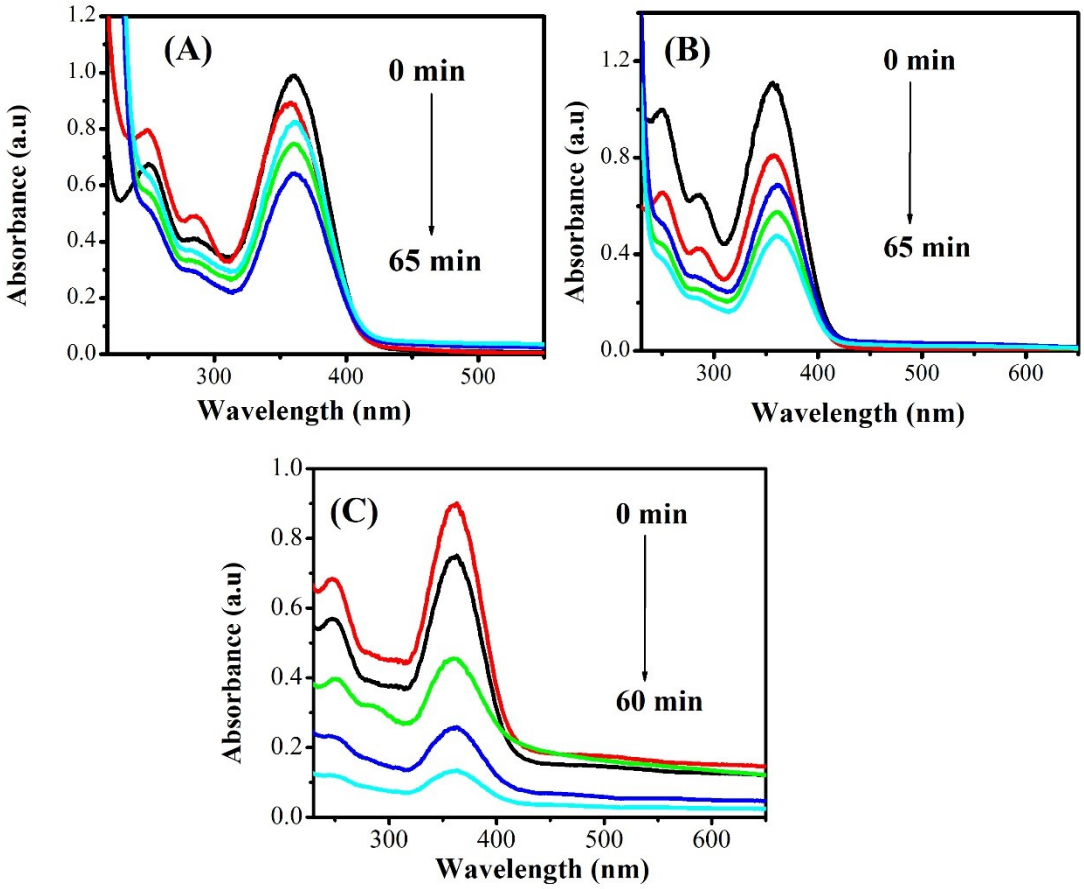

Figure S1. Effect of various scavengers (A) tert- butanol (B) ammonium oxalate (c) $AgNO_3$ on degradation efficiency of piroxicam.

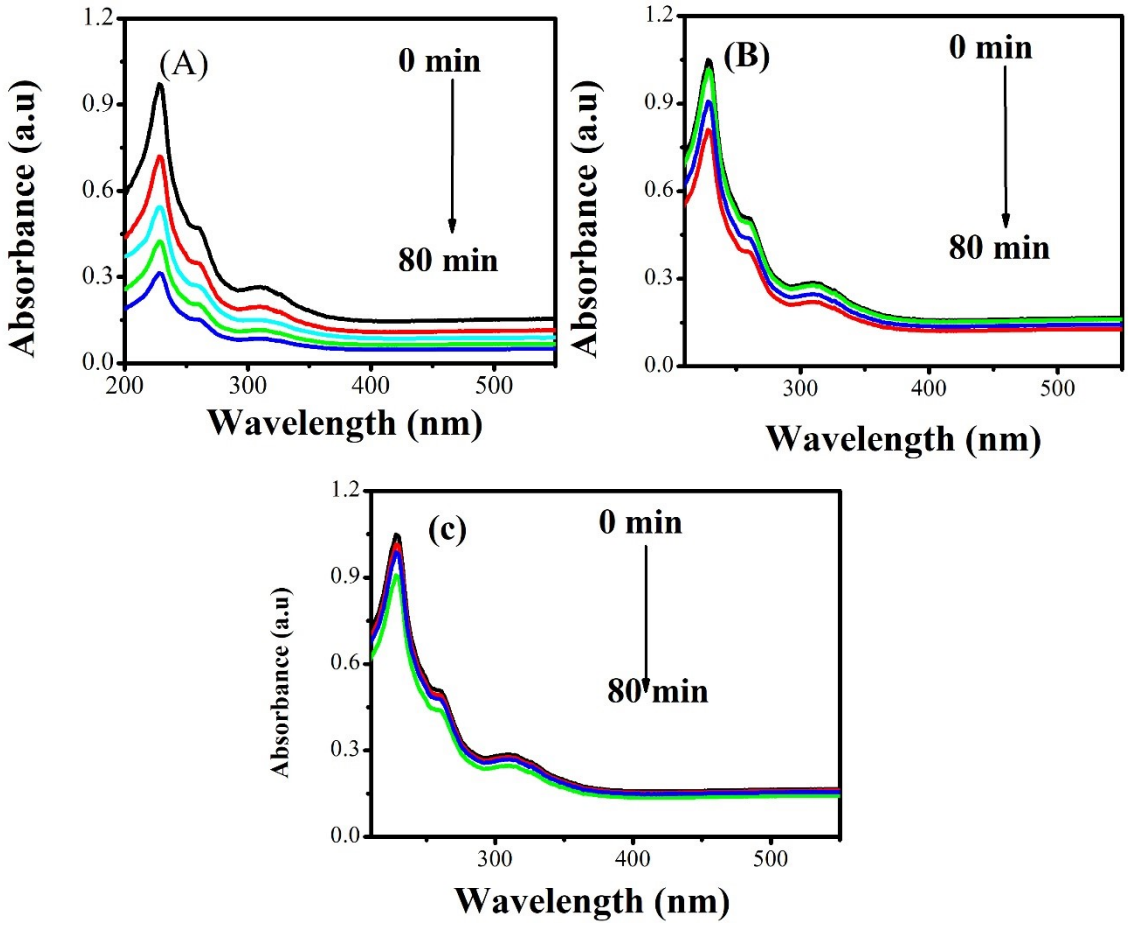

Figure S2. Effect of various Scavengers (A) silver nitrate (B) ammonium oxalate (c) tert-butanol on degradation efficiency of naproxen.

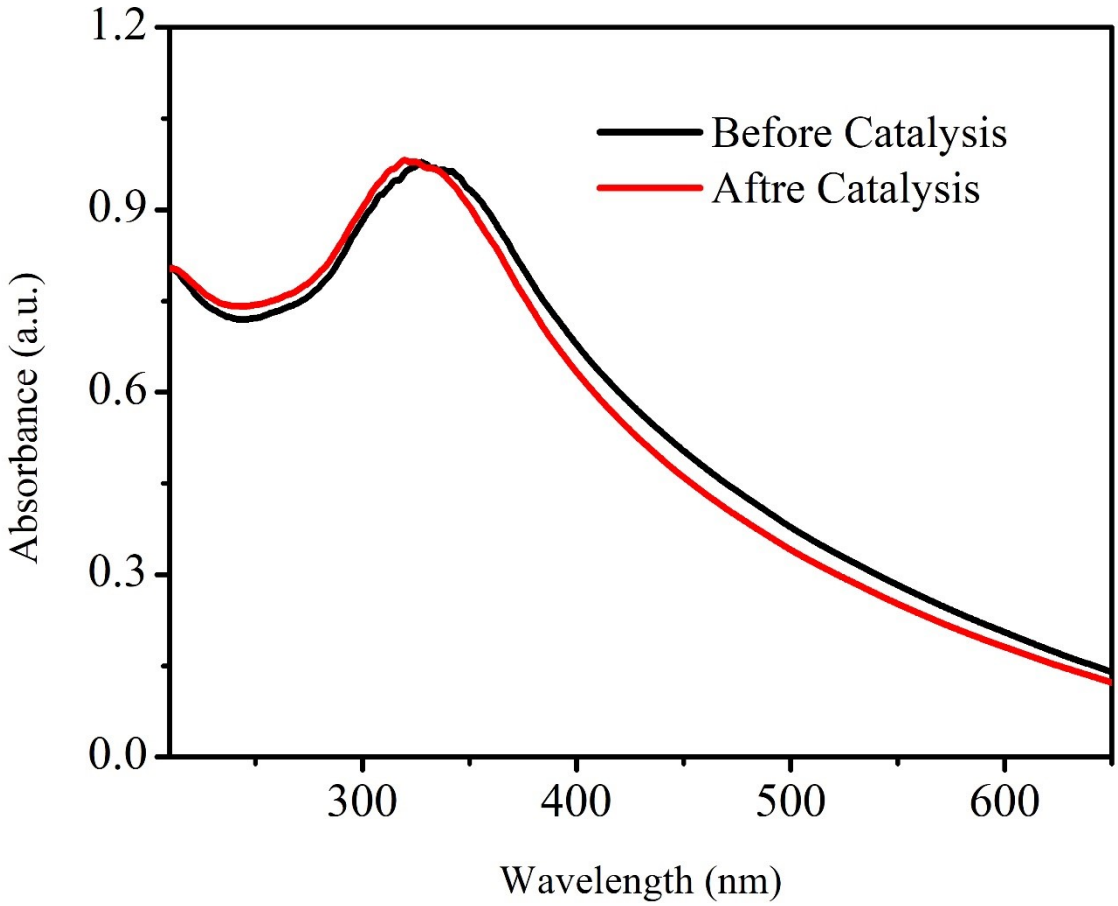

Figure S3. The absorption spectra of CeO_2 NPs before and after catalysis of 6^{th} cycle.

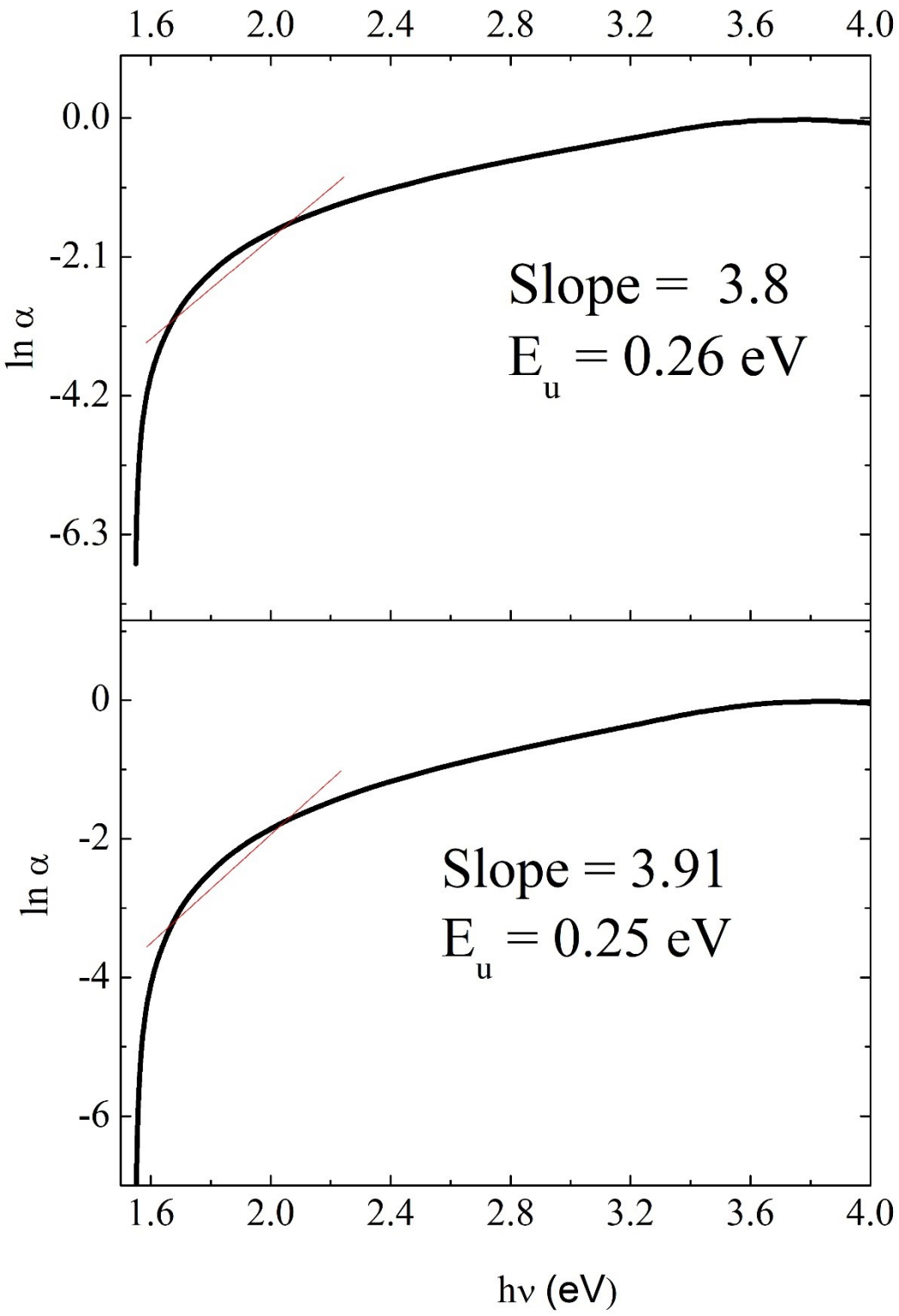

Figure S4: The Urbach energy calculation CeO_2 NPs before and after catalysis of 6th cycle.