

A green synthesis of Pd nanoparticles supported on modified montmorillonite using aqueous *Ocimum sanctum* leaf extract: A sustainable catalyst for Hydrodechlorination of 4-Chlorophenol

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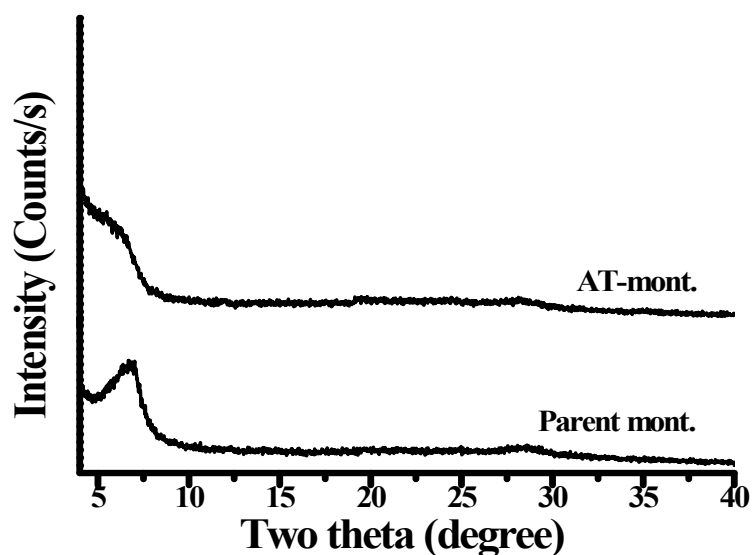
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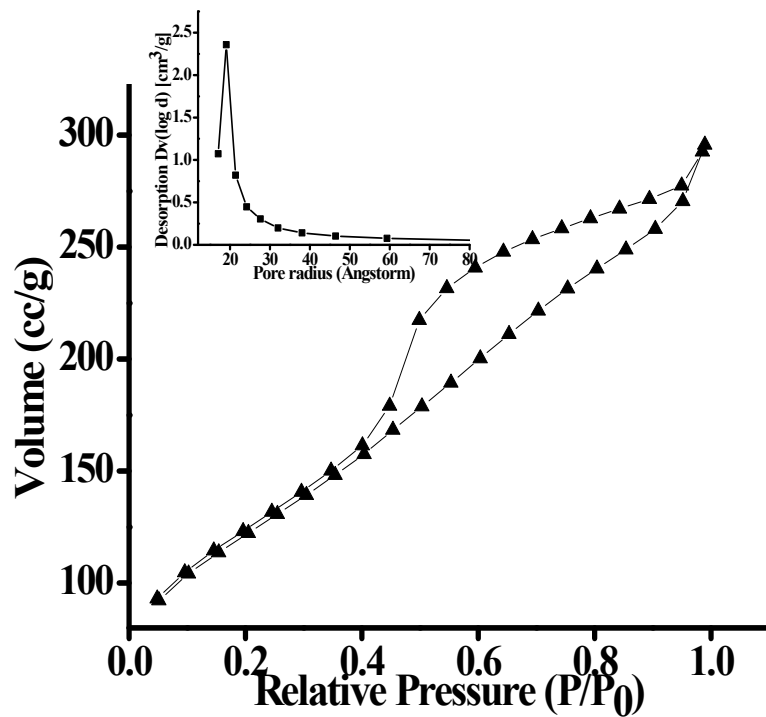
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Supporting Information

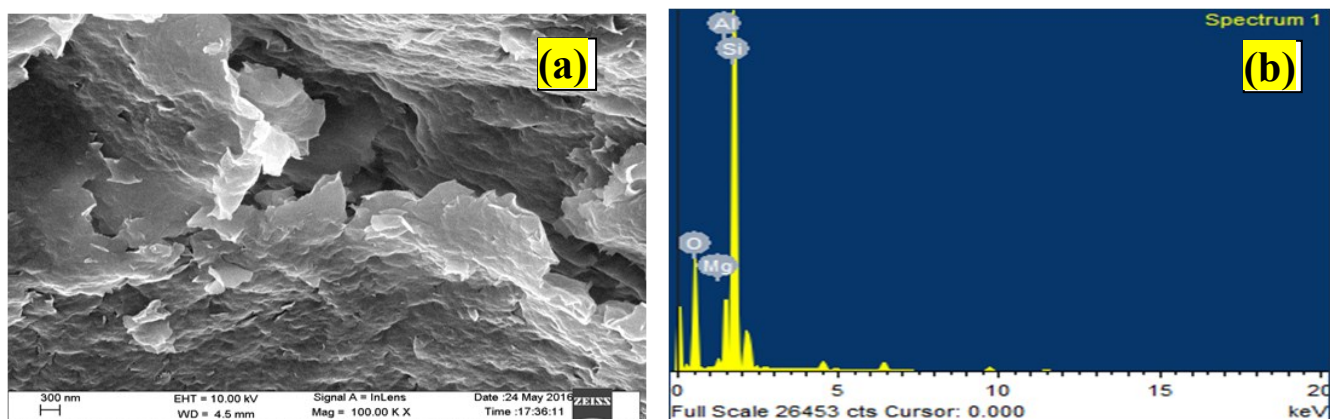
ESI Fig. 1: PXRD pattern of parent mont. and AT-mont.



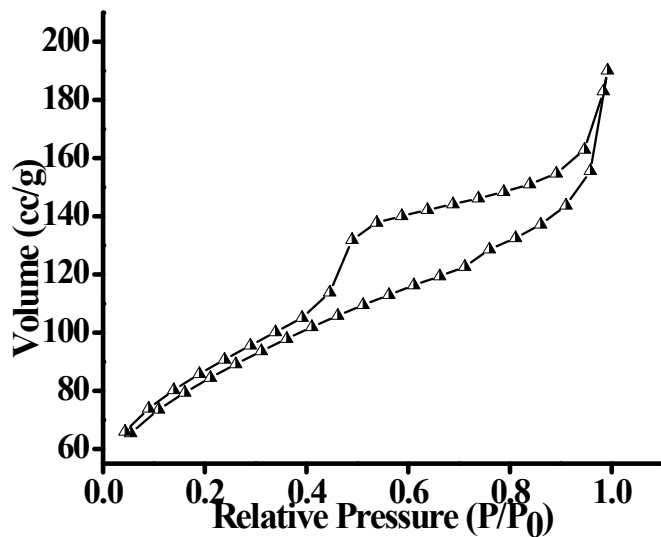
ESI Fig. 2: BET sorption isotherm and BJH pore size distribution (inset) of AT-mont.



ESI Fig. 3: (a) SEM image and (b) EDX spectra of AT-mont.



ESI Fig. 4: BET N₂ sorption isotherm of PdNP@AT-mont.



ESI Fig. 5: BJH pore size distribution of PdNP@AT-mont. fresh (before reaction) and after 5th run.

