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Author: Vineeta Panwar Siddarth S. Ray Suman L. Jain

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## ACCEPTED MANUSCRIPT

# Highly efficient ( $CoO_x$ -N@C, PANI) nanopowder derived from pyrolysis of polyaniline grafted cobalt acetate for oxidative methyl esterification of benzyl alcohols

Vineeta Panwar<sup>a</sup>, Siddarth S. Ray<sup>a</sup> and Suman L. Jain<sup>a</sup>\*

<sup>a</sup>Chemical Sciences Division, CSIR-Indian Institute of Petroleum, Dehradun-248005, India;

Tel.: +91-135-2525788; Fax. +91-135-2660202; Email: <u>suman@iip.res.in</u>

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