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Authors: Anupama R. Prasad, P. Rugmini Ammal, Abraham Joseph



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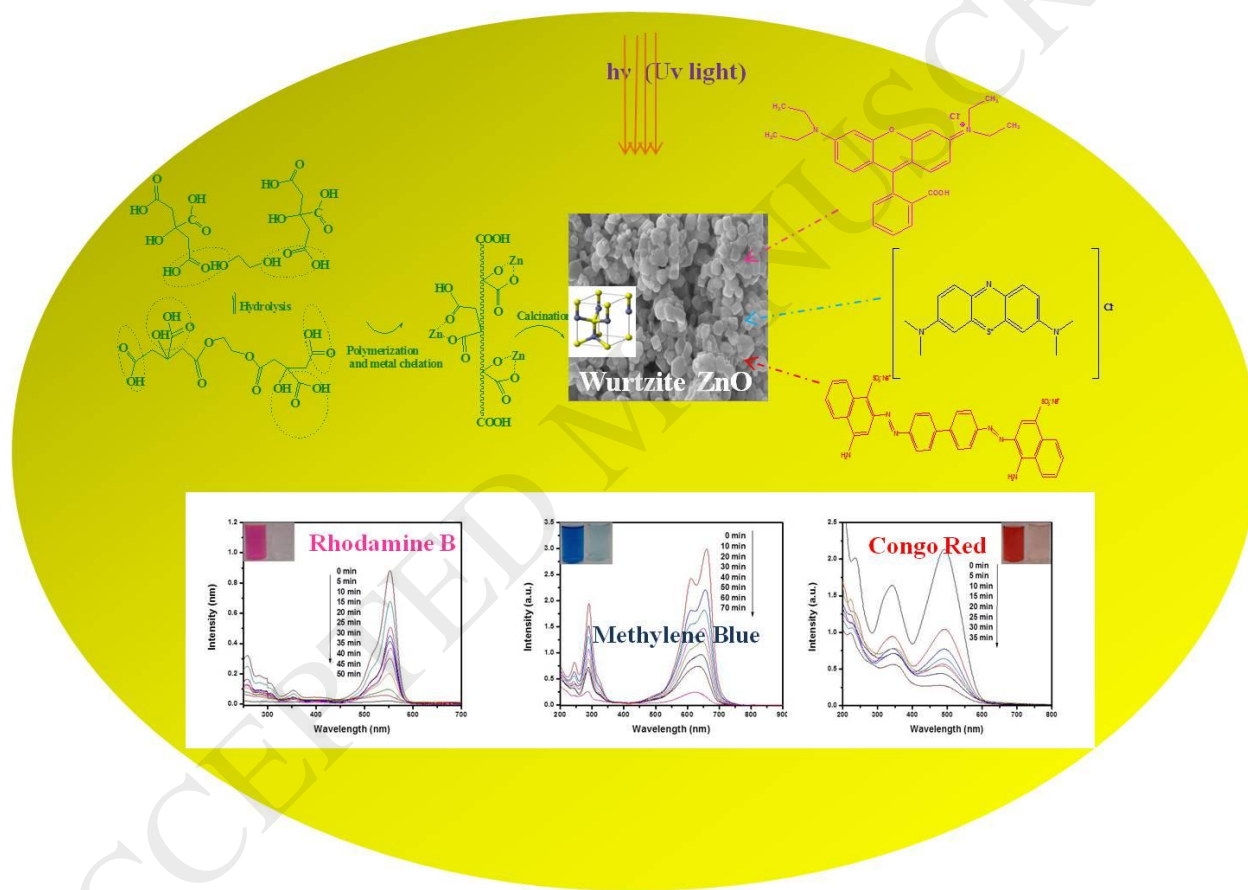
# Effective photocatalytic removal of different dye stuffs using green synthesized zinc oxide nanogranules

Anupama R Prasad, Rugmini Ammal P and Abraham Joseph\*

Department of Chemistry, University of Calicut, Calicut University P O, Kerala. India

drabrahamj@gmail.com

## GRAPHICAL ABSTRACT



## Highlights

- Zinc oxide nanoparticles (ZnO-NPs) synthesized by a green strategy using lemon juice and ethylene glycol. ► Physicochemical studies confess the formation of hexagonal wurtzite ZnO nanaogranules with some honed faces. ► Direct band gap energy obtained for ZnO nano granules was 3.15eV. ► ZnO nano granules act

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