

List of Publications

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Research papers published in peer reviewed international journals based on the

Ph. D. research work:

1. **C.V. Kapadnis**, K.P. Gundeli, D.R. Saini, D.S. Bhatkhande, Synthesis of copper nanoparticles in presence of surfactants and evaluation of heat transfer performance of copper nanofluid, *Journal of Nanofluids* 6 (2017) 334-342.

Manuscripts under review

1. **C.V. Kapadnis**, P.P. Nagargoje, S. Kulkarni, D.R. Saini, D.S. Bhatkhande, Wet chemical synthesis of nano-copper oxide and evaluation of heat transfer performance of copper oxide nanofluid, Communicated.

Manuscript under preparation

1. **C. V. Kapadnis**, S.R. Yadav, S.P Kamble, D. R. Saini, D. S. Bhatkhande, copper and aluminum nanofluids for efficient solar energy absorption for sustainable development, under preparation.
2. **C.V. Kapadnis**, A.P. Gharpure, O.V. Desai, S.P. Patil, D.R. Saini, D.S. Bhatkhande, Titanium dioxide nanofluids for efficient solar water desalination, under preparation.