



MR. RAVINDRA NAMDEV CHIKHALE

Assistant Professor, Department of Physics, J. S. M. college,
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Research Interests

Nano Materials, magnetic materials, electrical and dielectric materials, gamma irradiation.

Research Projects

Completed Minor Research Project Funded by Mumbai University,

Experience

- J. S. M. College, Alibag, since 19-6-2008. Present Designation Assistant professor, Department of Physics.

Administrative Responsibilities

- In-charge, Gymkhana committee, J. S. M. College, Alibag, Year 2022-23
- In-charge, Science committee, J. S. M. College, Alibag, Year 2022-23

Education

- NET (CSIR) – JRF
- SET
- GATE
- M.Sc (Physics) Department of Physics, University of Pune, Pune
- Ph.D. (Physics) (Pursuing), Mumbai University

Skills

- Good hand in experiential techniques, Problem solving
- ICT enabled teaching.

Research Publications

Research Papers: 05: total citations 05

Book chapter: 1

List of Publications:

1. Structural, morphological, and magnetic study of low temperature synthesized $\text{Co}_{0.75}\text{Ni}_{0.25}\text{Fe}_{1.95}\text{Dy}_{0.05}\text{O}_4$ nano ferrite: Ravindra N Chikhale*, S A Kanad eand Pushpinder G, : *Physica Scripta*, Volume 96, Number 4, Pages: 1-11
2. Low temperature rapid sol–gel auto-combustionsynthesis and structural, morphological andmagnetic study of nickel substituted cobalt nanoferrites: Ravindra N Chikhale* , SAKanade and Pushpinder G. Bhatia, : *Phase Transitions*, VOL. 94, NOS. 6–8, (2021) Pages, 511–526