

Dr. Nirupama J. M

Designation: Assistant Professor

Qualification: M.Sc., Ph.D.

Research Area: Molecular Spectroscopy

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Research Publications of Dr. (Smt.) Nirupama J. M, Assistant Professor, UG & PG Department of Physics, Karnatak Science College, Dharwad:

- [Fluorescence enhancement of chalcone derivatives, during their interaction with nanoparticles](#) 2023
JM Nirupama, RG Kalkhambkar, SS Malunavar, LS Chougala
Proceedings of the fifteenth national symposium on radiation and photochemistry
- [Influence of substituent position in aromatic diamines on coumarin derivative](#) 4 2022
JM Nirupama, R Melavanki, NI Khanapurmath, LS Chougala, MV Kulkarni, ...
Journal of Photochemistry and Photobiology A: Chemistry 422, 113560
- [Role of Substituent Position in Coumarin Derivatives during their Interaction with TiO₂ Nano Particles](#) 2 2021
NMJNKLSCMVKJS Kadadevarmath3
Journal of Fluorescence 31, 775–785
- [Effect of stereo electronic factors of coumarin derivatives during their interaction with TiO₂ nanoparticles](#) 3 2019
NI Khanapurmath, LS Chougala, MV Kulkarni, JS Kadadevarmath
Journal of Molecular Liquids 291, 111266
- [Effect of amino anilines on the fluorescence of coumarin derivative](#) 11 2019
JM Nirupama, NI Khanapurmath, LS Chougala, LA Shastri, RF Bhajantri, ...
Journal of Luminescence 208, 164-173

- [Fluorescence quenching of coumarin derivative by amino anilines](#) 2019
JM Nirupama, JS Kadadevarmath, NI Khanapurmath, MV Kulkarni
Proceedings of the fifteenth DAE-BRNS biennial Trombay symposium on ...
- [Fluorescence quenching of coumarin derivatives by TiO₂ nanoparticles](#) 2019
JM Nirupama, JS Kadadevaramatha, NI Khanapurmath, MV Kulkarni
Proceedings of the thirteenth national symposium on radiation and photochemistry
- [Spectroscopic investigations of interaction between TiO₂ and newly synthesized phenothiazine derivative-PTA dye and its role as photo-sensitizer](#) 9 2018
LS Chougala, JS Kadadevarmath, AA Kamble, AI Torvi, MS Yatnatti, ...
Journal of Luminescence 198, 117-123
- [Fluorescence Investigations on Interactions between 7,8-benzo-4-azidomethyl Coumarin and *Ortho*- and *Para*-phenylenediamines in Binary Solvent Mixtures of ...](#) 5 2018
JM Nirupama, LS Chougala, NI Khanapurmath, A Ashish, LA Shastri, ...
Journal of Fluorescence 28, 359-372
- [Effect of TiO₂ nanoparticles on newly synthesized phenothiazine derivative-CPTA dye and its applications as dye sensitized solar cell](#) 23 2017
LS Chougala, JS Kadadevarmath, AA Kamble, PK Bayannavar, ...
Journal of Molecular Liquids 244, 97-102
- [Effects of Substitution on Fluorescence Quenching of Coumarin Derivatives](#)
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