



REENA V N

Assistant Professor

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QUALIFICATION

MSc, NET

WORK EXPERIENCE

2012-2015: TM Govt. College, Tirur (FIP substitute lecturer)
2015-2023: Govt. College Madappally, Vadamakara (Assistant Professor)
2023---: Govt. Arts and Science College Calicut (Assistant Professor)

RESEARCH EXPERIENCE: PURSUING

Area of research: Photonics, nanophotonics, Bionanophotonics, Nanomaterials, Bioimaging, Biosensing

Number of papers Published: **11**

Details of paper published

Si No	Name of paper	Journal	Publisher
1	Reena, V. N. , Bhagyasree, G. S., Shilpa, T., Aswati Nair, R., Misha, H., & Nithyaja, B. (2023). Photocatalytic, Antibacterial, Cytotoxic and Bioimaging Applications of Fluorescent CdS Nanoparticles Prepared in DNA Biotemplate.	Journal of Fluorescence	Springer
2	Reena, V. N. , Kumar, K. S., Shilpa, T., Aswati Nair, R., Bhagyasree, G. S., & Nithyaja, B. (2023). Photocatalytic and enhanced biological activities of schiff base capped fluorescent CdS nanoparticles.	Journal of Fluorescence	Springer

3	Reena, V. N. , Kumar, K. S., Bhagyasree, G. S., & Nithyaja, B. (2022). One-pot synthesis, characterization, optical studies and biological activities of a novel ultrasonically synthesized Schiff base ligand and its Ni (II) complex.	Results in Chemistry	Elsevier
4	Reena, V. N. , Misha, H., Bhagyasree, G. S., & Nithyaja, B. (2022). Enhanced photoluminescence and color tuning from Rhodamine 6G-doped sol-gel glass matrix via DNA templated CdS nanoparticles.	AIP Advances	AIP (American Institute of Physics)
5	Reena, V. N. , Shanasree, M., Kumar, S., Bhagyasree, G. S., & Nithyaja, B. (2022, March). Mosquito Larvicidal Activity of DNA Capped Colloidal Silver Nanoparticles.	IOP Conference Series: Materials Science and Engineering	IOP Publishing
6	Bhagyasree, G. S., Reena, V. N. , Abith, M., Sabari Girisun, T. C., & Nithyaja, B. (2023). Enhanced adsorption and non-linear optical properties of DNA-CTAB functionalized mesoporous silica nanoparticles and their influence on enhancement of photoluminescence of Rhodamine 6G dye.	AIP Advances	AIP (American Institute of Physics)
7	Bhagyasree, G. S., Sreenilayam, S., Brabazon, D., Reena, V. N. , & Nithyaja, B. (2022). Transmission characteristics of DNA templated 1D photonic crystal system for 3D printing applications: Simulation.	Results in Engineering	Elsevier
8	Kumar, K. S., & Reena, V. N. (2022). Design, synthesis, crystal structure, antitumor and antimicrobial evaluation of a novel substituted pyrazole and its some metal complexes.	Materials Today: Proceedings	Elsevier
9	Kumar, K. S., Reena, V. N. , & Aravindakshan, K. K. (2021). Synthesis, anticancer and larvicidal activities of a novel Schiff base ligand, 3-((2-((1-(4-hydroxyphenyl) ethylidene) amino) ethyl) imino)-N-(p-tolyl) butanamide and its Mn (II), Fe (III), Co (II), Ni (II) and Zn (II) complexes.	Results in Chemistry	Elsevier
10	Subin, K. K., Priya, V. C., Reena, V. N. , & Aravindakshan, K. K. (2017). Cytotoxic, antitumor and antimicrobial studies of an oxygen and nitrogen donor, novel schiff base ligand, acetoacetanilide-(1, 2-ethylenediimine) ethylacetoacetate and its transition metal complexes. .., 8, 160-166.	International. Research Journal of Pharmacy	Pan Health Care Research Society
11	Kuamr, K. S., Varma, C. P., Reena, V. N. , & Aravindakshan, K. K. (2017). Synthesis, characterization, cytotoxic, anticancer and antimicrobial studies of novel Schiff base ligand derived from vanillin and its transition metal complexes.	Journal of Pharmaceutical Sciences and Research	Pharmainfo Publications