

List of Publications

1. Sathya Priyadarshini G, **Namitha R**, Mageswari D, Selvi G, Synthesis, Characterisation, Pharmacological Studies and Quantum Chemical Calculations of Osmium (III) Complex. *International Journal of Chemical Sciences*, **2017**;15(3),158.
2. **R. Namitha**, G. Selvi, D. Mageswari Theoretical and experimental investigations on the biological studies on novel triazino quinolines, *International Journal of Computational Intelligence Research (IJCIR)*. **2017**, 13(5), 1021.
3. D. Mageswari, **R. Namitha**, G. Selvi,. A Comparative study on theoretical and experimental biological activities of novel pyrano quinoline, *International Journal of Computational Intelligence Research (IJCIR)*. , **2017**,13(5), 1015.
4. **R. Namitha** & G. Selvi, A theoretical study on NLO properties and reactivity of pyridazino quinolines. *Chemical Science Review and Letters*, **2016**, 5(19), 279.
5. **R. Namitha** G. Selvi, & G. Sathya Priyadarshini, Synthesis characterization and pharmacological studies on novel pyridazino quinolines, *Chemical Science Review and Letters*, **2014**, 3(10), 117.
6. G.Sathya Priyadarshini, **R. Namitha**, G.Selvi, D. Mageswari, Synthesis Characterization and Antioxidant Activity of Ni (II) and Co (II) Quinoline Schiff Base, *International Journal of Innovative Research in Science Engineering and Technology*, **2016**, 5(1), 102.
7. **R. Namitha**, A. P. Haseena, K. Priya Dasan, G. Unnikrishnan, Sabu Thomas, Investigation on interfacial adhesion of short sisal/ coir hybrid fibre reinforced natural rubber composites by restricted equilibrium swelling technique, *Composite Interfaces*, **2004**, 11 (7), 489.
8. **R. Namitha**, G. Selvi, D. Mageswari and G. Sathya Priyadarshini. A Study on Improved synthetic strategy for novel triazino quinoline and its non linear optical properties. *International Journal of Chemical Sciences*. (Communicated).
9. **R. Namitha**, G. Selvi, D. Mageswari and G. Sathya Priyadarshini. Theoretical and experimental NLO properties studies on newly synthesised pyrano[4,3-*c*]quinoline. *International Journal of Chemical Sciences*. (Communicated).

List of Conference Papers

1. Presented a paper entitled “Synthesis, characterization and pharmacological studies on novel pyridazino quinolines” at National Conference on Fundamental and applied Chemistry organized by Dhirajlal Gandhi College of Technology. Salem.
2. Presented a paper entitled “Synthesis of-4, 8-dimethyl-2-n-[thioxoimidazolidin]-quinoline-3-one” at International Conference on Chemistry-Frontiers and Challenges organized by PSGR Krishnammal College for Women. Coimbatore.
3. Presented a paper entitled “Comparison of DFT calculation with spectroscopic characterization of osmium (iii) complex” at National Symposium on X-Ray Diffraction and Recent Advances in Crystallography(XDRAC-2015) organized by Department of Physics, Periyar University, Salem – 636 011, Tamilnadu on 27-28, February 2015.
4. Presented a paper entitled “Biological studies on novel triazino quinolines based on their theoretical results” at Conference On Approach of Green Chemistry in Pharma: Chemical and Material Science Sectors – A Perspective” organized by PSG College of Pharmacy. Coimbatore on 30 to 31st October 2015.
5. **Best Paper Award** in National Conference on Innovations in Chemical Sciences (NCIC -2016) from 28th to 30th January 2016. Department of Chemistry, Guru Nanak College Chennai.
Title: Synthesis and characterisation of 8'-methyl-4'-phenyl-3-thioxo-1,2,4-triazino quinoline-5-one derivatives.
5. **Best paper Award** in 2ND national Conference on Fundamental and applied Chemistry organised by Chemical Science review and letters held on 4th June 2016.
Title: A theoretical study on NLO properties and reactivity of pyridazino quinolines.