

CURRICULUM VITAE

Dr. V. Mala

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OBJECTIVE

To work in a challenging environment that utilizes my education and professional skills and offers an opportunity to keep pace with the moving trends and technologies.

ACADEMIC QUALIFICATIONS

Degree	Year	University/College	Subject	Class & % of the mark
B.Sc.,	2004-2007	PoompuharCollege Melaiyur. (Bharathidasan University-Trichy)	Chemistry	69.82% (First class)
M.Sc.,	2007-2009	Government Arts College C.mutlur Chidambaram (ThiruvalluvarUniversity-vellore)	Chemistry	66.09% (First class)
M.Phil.,	2009-2010	Government Arts College-C.mutlur Chidambaram (ThiruvalluvarUniversity-vellore)	Chemistry	72.5 % (First class)
Ph.D.,	2011-2014	Government Arts College-C.mutlur Chidambaram (ThiruvalluvarUniversity-vellore)	Chemistry	Awarded

FIELD OF RESEARCH

Degree	Research Topic
M.Phil.,	Kinetics and mechanism of oxidation of nitrones by PFC in aqueous acetonitrile medium - a kinetic study.
Ph.D.,	Synthesis, correlation analysis of Hammett substituent constants and biological activities of some α,β -unsaturated ketones.

TEACHING EXPERIENCE

- Worked as a Lecturer (Chemistry) in Thiruvalluvar College of Engineering and Technology, Vandavasi from August 2010 to March 2011.
- Worked as an Assistant professor (Chemistry) in Kanchi Pallavan Engineering College, Kanchipuram from July 2013 to May 2014.
- Working as an Assistant professor (Chemistry) in Annai College of Arts and Science, Kumbakonam from July 2014 to Till date.

LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS

1. **V. Mala**, K.Sathiyamoorthi, S. P. Sakthinathan, D. Kamalakkannan, R. Suresh G.Vanangamudi and G.Thirunarayanan. "Solvent free synthesis,spectral correlations and antimicrobial activities of some 3,4-dimethoxy chalcones"**Q science conect**, 7, 2013.
2. **V. Mala**, S. P. Sakthinathan, G.Vanangamudi and G.Thirunarayanan. "Synthesis and spectral correlations of chalcones"**Journal of Research in Applied Chemistry** volume 1 Issue 1, 2018.
3. K.Sathiyamoorthi, **V.Mala**, S. P. Sakthinathan, D. Kamalakkannan, R.Suresh,G.Vanangamudiand G.Thirunarayanan."Solvent-free synthesis, spectral correlations and antimicrobial activities of some aryl *E* 2-propen-1-ones"**SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy**, 112, 245-256, 2013.

4. K. Sathiyamoorthi, **V. Mala**, R. Suresh, S. P. Sakthinathan, D. Kamalakkannan, K. Ranganathan, R. Arulkumaran, R. Sundararajan, S. Vijayakumar, G. Vanangamudi and G. Thirunarayanan. "Synthesis, spectral correlations and antimicrobial activities of some 2-hydroxy phenyl-styryl ketone" **International Letters of Chemistry, Physics and Astronomy**, 7(2), 102-119, 2013.
5. K. Sathiyamoorthi, **V. Mala**, R. Suresh, S. P. Sakthinathan, D. Kamalakkannan, K. Ranganathan, R. Arulkumaran, R. Sundararajan, S. Vijayakumar, G. Vanangamudi and G. Thirunarayanan. "Synthesis, Hammett spectral correlation and biological evaluation of some substituted (*E*) 1-hydroxy-2-naphthyl chalcones" **Der Pharma Chemica**, 6(1):97-110, 2014.
6. D. Kamalakkannan, R. Suresh, **V. Mala**, K. Sathiyamoorthi, K. Ranganathan, R. Sundararajan, S. P. Sakthinathan, R. Arulkumaran, S. Vijayakumar, G. Vanangamudi and G. Thirunarayanan. "Synthesis, spectral correlation and antimicrobial activities of some 3-methylphenyl chalcones" **Advances in applied research**, 5, 2013.
7. S. P. Sakthinathan, R. Suresh, **V. Mala**, K. Sathiyamoorthi, D. Kamalakkannan, K. Ranganathan, S. John Joseph, G. Vanangamudi, G. Thirunarayanan. "Synthesis, Spectral Correlations and Biological Evaluation of Some Aryl (*E*)-N-Benzylidene-3-nitrobenzenamines" **International Journal of Scientific Research in Knowledge (IJSRK)**, 1(11), 472-483, 2013.
8. R. Suresh, D. Kamalakkannan, K. Ranganathan, R. Arulkumaran, R. Sundararajan, S. P. Sakthinathan, S. Vijayakumar, K. Sathiyamoorthi, **V. Mala**, G. Vanangamudi, K. Thirumurthy, P. Mayavel and G. Thirunarayanan. "Solvent-free synthesis, spectral correlations and antimicrobial activities of some aryl imines" **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy**, 101, 239–248, 2013.
9. S. P. Sakthinathan, R. Suresh, **V. Mala**, K. Sathiyamoorthi, D. Kamalakkannan, K. Ranganathan, R. Arulkumaran, S. Vijayakumar, R. Sundararajan, G. Vanangamudi and G. Thirunarayanan. "Spectral correlations and antimicrobial activities of some (*E*)-N-Benzylidenepyridin-2-amines" **International Letters of Chemistry, Physics and Astronomy**, 6, 77-90, 2013.
10. S. Vijayakumar, R. Arulkumaran, R. Sundararajan, S. P. Sakthinathan, R. Suresh, D. Kamalakkannan, K. Ranganathan, K. Sathiyamoorthy, **V. Mala**, G. Vanangamudi and G. Thirunarayanan. "Microwave assisted synthesis, spectral studies and antimicrobial activities

of some 2',4'-difluorophenyl chalcones" **Int. Letters of Chemistry, Physics and Astronomy**, 9(1), 68, 2013.

11. M. Sekar, **V. Mala**, J. Venkatesan, V.Thanikachalam “ Kinetics and Mechanism of Oxidation of Nitrones by PFC in Aqueous Acetonitrile Medium” **International Journal of Modern Chemistry**, 2015, 7(1): 26-35.
12. R. Suresh, D. Kamalakkannan, **V. Mala**, K. Sathiyamoorthi, R. Sundararajan, S.P. Sakthinathan, R. Arulkumaran, G. Vanangamudi and G. Thirunarayanan “Correlation analysis and antimicrobial activities of substituted aryl imines” **Indianjournals.com** DOI: 10.5958/2349-2104.2015.00005.4.
13. R. Suresh, S.P. Sakthinathan, D. Kamalakkannan, K. Ranganathan, K. Sathiyamoorthi, **V. Mala**, R. Arulkumaran, S. Vijayakumar, R. Sundararajan, G. Vanangamudi, M. Subramanian, G. Thirunarayanan, G. Vanaja and P. Kanagambal “ Solvent-Free Synthesis Of Azomethines, Spectral Correlations And Antimicrobial Activities Of Some *E*-Benzylidene-4-Chlorobenzenamines” **Bull. Chem. Soc. Ethiop.** 2015, 29(2), 275-290.
14. **S.Surya and V.Mala**, “In silico screening, synthesis, in vitro evaluations antibacterial and DPPH scavenging activity of some 1,3,5-trisubstituted 2-pyrazoline derivatives as dihydrofolate reductase inhibitors” **World News of Natural Sciences An International Scientific Journal** 18(2) (2018) 180-186.
15. **Veerendiran MALA**, Inbasekaran MUTHUVEL, Ganasamoorthy Thirunarayanan, Saravanan Palanivel SAKTHINATHAN, Ranganathan Arulkumaran, Venkatesan MANIKANDAN, Rajasekaran SUNDARARAJAN, Dakshnamoorthy KAMALAKKAN, Ramamurthy SURESH and Veeramalai USHA “Ultrasound assisted Synthesis and Pharmacological evaluation of Some (E)-1,2,3-triphenylprop-2-en-1-ones” **Ovidius University Annals Of Chemistry** DOI 10.2478/avoc-2020-0024 Volume 3, Number 2, pp. 152-157, 2020.
16. V.Mala, I.Muthuvel, G.Thirunarayanan, V.Usha “Catalytic effect of nano cadmium phosphate catalyst on the synthesis of some (E)-3,4,-dimethoxyphenyl-2-en-1-ones” **Materials Today:Proceedings**.<https://doi.org/10.1016/j.matpr.2020.11.892> Article in Press.

PRESENTATIONS ON SATE / NATIONAL CONFERENCES / WORKSHOP ATTENDED

1. National seminar on recent trends in Synthetic Methods and chemistry of Natural Products (SMNP-2011) organized by Department of Chemistry Annamalai University, Annamalainagar, Chidambaram.
2. National symposium on Newer Horizons in chemistry (NSNHC-2012) organized by Department of Chemistry Manonmanium Sundaranar University, Tirunelveli.
3. National seminar on New vistas in Catalysis and surface science (NVCSS-2012) organized by Department of Chemistry, Annamalai University, Annamalai Nagar, Chidambaram.
4. State level seminar on “Recent trends in chemistry” (RTC-2012) organized by PG and Research department of chemistry, Government arts college, Chidambaram.
5. International Workshop on The art of journal and thesis writing (WAJTHEW-2012) organized by Prist University, Vallam, Thanjavur.
6. State level Workshop on Principles & Applications of Quantum Chemistry (2010) organized by PG and Research department of chemistry, Government arts college, Chidambaram.

PERSONAL DETAILS

Father's Name	:	K. Veerendran
Date of Birth	:	19-09-1985
Gender	:	Female
Nationality	:	Indian
Marital Status	:	Married
Languages known	:	Tamil and English

DECLARATION

I hereby declare that the foregoing information is true to the best of my knowledge and belief.

(Dr.V.MALA)