



Dr. G.Ravindran, M.Sc.Ph.D
Assistant Professor of chemistry
Cardamom Planters' Association College,
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ACADEMIC QUALIFICATION

Degree	College/University	Field	Year of Passing	Class
B.Sc.,	CPA College, Madurai Kamaraj University.	Chemistry	1998	I Class
M.Sc.,	PMT College, Madurai Kamaraj University.	Chemistry	2001	I Class
Ph.D.,	Department of organic chemistry, School of Chemistry, Madurai Kamaraj University.	Organic Chemistry	2008	Commended

ADDITIONAL QUALIFICATION

- DCA (Diploma in Computer Applications)

WORK EXPERIENCE

- Worked as a Lecturer in St. Joseph College, Chennai. For the period of 5 months.
- Working as a Assistant professor in VELTECH TECHNICAL UNIVERSITY, Avadi, Chennai.
(August-2009 to May -2013)
- Assistant Professor – Cardamom Planters' Association College, Bodinayakanur. (2013 to till date)

RESEARCH GUIDANCE

Ph.D : 3 (ongoing), 1 submitted
M.Phil : 6 (completed)
M.Sc : 2 (completed)

FIELD OF MAJOR SCIENTIFIC INTEREST

1. Organic chemistry
2. Heterocyclic chemistry
3. Green Chemistry

LIST OF PUBLICATIONS

1. Synthesis of novel 3,5,7-triaryl-5,6-dihydro-4*H*-1,2,5-triazepines
Ravindran, G.; Muthusubramanian, S.; Selvaraj, S.; Perumal, S.
J. Heterocyclic Chem. **2007**, 44, 133.
2. A simple and efficient one step synthesis of 2,4,10a-triphenyl-1, 10a-dihydro-2*H*-pyrazino[2,1-*b*][1,3] benzothiazoles catalyzed by *p*-toluene sulfonic acid,
Ravindran, G.; Muthusubramanian, S.; Selvaraj, S.; Perumal, S. *Phosphorus Sulfur Silicon Relat., Elem.* **2007**, 182, 509.
3. Solventless synthesis of 2,4,10a-triphenyl-1,10a-dihydro-2*H*-pyrazino[2,1-*b*][1,3] benzoxazoles, **Ravindran, G.**; Muthusubramanian, S.; Selvaraj, S.; Perumal, S.
Indian. J. Chem., Sec. B, **2007**, 46, 1047.
4. Synthesis of 1,2,3,4,5-pentasubstituted symmetrical pyrroles
Ravindran, G.; Muthusubramanian, S.; Selvaraj, S.; Perumal, S. *Arkivoc* **2007**, (xiii), 23.
5. A Convenient One Pot Synthesis of Highly substituted Piperidines through a Michael addition-aldol cyclization sequence
Ravindran, G. Muthusubramanian, S.; Perumal, S. *Arkivoc* **2008**, (xiii), 57.
6. Synthesis of 2,5-diaroyl-3-arylthiophenes: Novel tandem reactions mediated [3+2]-self annulation of bis(aroylethyl) sulfides
Ravindran, G. Nidhin Paul.; Muthusubramanian, S.; Perumal, S.
J. Sulfur Chemistry, **2008**, 29, 575.
7. Reaction of 2-[(2-Oxo-2-arylethyl)anilino]-1-aryl-1-ethanones with *o*-phenylenediamine: Formation of Quinoxalines.
Ravindran, G. Muthusubramanian, S.; Perumal, S.
J. Heterocyclic Chem. **2009**, 46, 332.
8. Condensation of 3-Aza-1,5-Diketones with *N*-Nucleophiles,
Ravindran, G. Renganathan, N. G. *Org. Commun*, **2010**, 3:4, 76.
9. NMR studies of complexes of fluorides of Triethylamine, Iayaraja, N.; Radha Krishnan, S.; Renganathan, N. G.; **Ravindran, G.** *The Open Spectroscopy Journal*, 5, **2011**.
10. Solid-State Synthesis, Characterization, Biological studies and Theoretical Evaluation of (E)-2-(2-(naphthalene-2-yloxy)-1-phenylethylidene) Hydrazine thiocarboxamide G. RAJMOHAN, G. RAVINDRAN* and G. ARIVAZHAGAN** *Orient. J. Chem.*, Vol. 37(3), 602-608 (2021).
11. Spectroscopic studies, DFT calculation, electronic properties and antimicrobial studies on 2-(2-(naphthalene-2-yloxy)-1-phenylethylidene) hydrazine carboxamide. G. Rajmohan, R. Shanmugam, A. Elangovan, G. Ravindran*, T. Sangeetha, G. Arivazhagan*, *Materials Today: Proceedings*, 60(2), 1310-1319. 2022.

12. Synthesize, characterization and topological properties of new hydrazone derivatives, G. Rajmohan, R. Shanmugam, A. Elangovan, R.K. Sankaranarayanan, G. Ravindran*, P. Dineshkumar, G. Arivazhagan*. *Journal of Molecular Structure* 1251 (2022) 132028.
13. Regioselective Synthesis and Antibacterial Studies of α,β -Unsaturated KetoneSubstituted Cyclohexanols *via* Tandem Michael Addition-Aldol Addition-Cyclization Sequence under Solvent-Free Conditions. Tevaraj Suriyakala1, Alagiri chinnaraj, velmurugan senthilkumar ,mohamedsulaiman kamal nasar, and gurusamy ravindran,*, *Asian Journal of Chemistry; Vol. 34, No. 10 (2022), 2646-2650*
14. The Reaction of (2-oxo-2-phenyl-ethyl sulfanyl)-acetic acidwith Chalcones: Double Michael Addition-Aldol Reaction Formation of Unexpected (5-Benzoyl-2-hydroxy-2,4-6-triphenyl-cyclohexyl)-phenyl-methanone.Tevaraj Suriyakala and Gurusamy Ravindran**Orient. J. Chem., Vol. 38(5), 1250-1254 (2022)*

CONFERENCE / SEMINAR / WORKSHOP

1. **G.Ravindran.** “Seminar on Current Trends in Chemistry” Madurai Kamaraj University, Sponsored by Chemical Research Society of India (CRSI), Madurai, **2003**.
2. **G.Ravindran.** “DST Sponsored National Workshop on Green Chemistry” Madurai Kamaraj University, Madurai, **2005**.
3. **G.Ravindran.** “First Mid-Year Meeting of the Chemical Research Society of India” Indian Institute of Technology, Madras, **2006**.
4. **G.Ravindran.** ‘DST Sponsored national workshop on one and two Dimensional NMR Spectroscopy, Madurai Kamaraj University, Madurai, **2007**.
5. **G.Ravindran.** “CSIR Sponsored National Seminar on Recent Trends in Chemistry” Jayaraj Annapackiam college, Periyakulam, **2007**.
6. **G.Ravindran.** “National Symposium on Frontier Areas in Chemistry” The American College, Madurai, **2008**.
7. **G.Ravindran.** National seminar on chemistry & Crime detertion-A Forensic science perspective, Women’s Christian College, Chennai. **2011**.
8. **G.Ravindran.** Faculty Development Program on Energy conversion and conservation, SSN College, Chennai. **2011**.
9. **G.Ravindran.,** “CSIR Sponsored National conference on Emerging Trends in Green Technology” –Sriram Engineering College, Chennai. **2012**.
10. **G.Ravindran.** Workshop on “Functionalized Materials” – VelTech University, chennai. March-15, **2013**.

11. **G.Ravindran**, Workshop on “Energy & Environment: Present Scenario and the Need for Future” – VelTech University, Chennai. March-18, **2013**.
12. A. Alamelu, **G.Ravindran**. National symposium on invention and innovation for sustainable development, Karunya University. Coimbatore. March-21, **2014**.
13. K.Eswaran, **G. Ravindran**, “Advanced developments of medicinal chemistry in target drug design” – Kongunadu Arts and Science College, Coimbatore. 11,12-September-**2014**.
14. K.Eswaran, **G. Ravindran**, “Emerging trends in chemistry, CPA College, Bodinayakanur, 18,19-September-**2014**.
15. **G.Ravindran**, “Emerging Trends in medicinal plants & Natural Products”- CPA College, Bodinayakanur. 4-August-**2015**.
16. **G.Ravindran**, “Application of Analytical Instruments and career guidance”. CPA College, Bodinayakanur. 19-August-**2015**.
17. A.Chinnaraj, **G. Ravindran**, “Green approach synthesis of 7-phenyl-6,7,8,9,10,11-Hexahydro-5H-benzo[c]xanthenes”. “International conference on functional material”. Thiagarajar College, Madurai. 7,8-September-**2017**.
18. G.Rajmohan, **G. Ravindran**, “Spectral and powder XRD studies of 2-naphthalen-2-yloxy-1-phenylethanone derivatives”. “International conference on functional material”. Thiagarajar College, Madurai. 7,8-September-**2017**.
19. P.Pandisudha, **G. Ravindran**, “A Facile and Highly functional substituted synthesis of 5-amino-4-cyano-3-phenyl-1H-pyrazole-1-carboxamide”. “International conference on functional material”. Thiagarajar College, Madurai. 7,8-September-**2017**.
20. G.Rajmohan, **G. Ravindran**, “Spectroscopic and powder XRD studies of copper (II) complexes with Schiff base as ligand”. “International conference on material science”. Madurai Kamaraj University, Madurai. 11-12-December-**2017**.

PERSONAL

Name : Dr. G. Ravindran
 Father's Name : G. Gurusamy
 Sex : Male
 Date of Birth : 09.04.1977
 Religion & Caste : Hindu, BC
 Nationality : Indian,
 Language Known : Tamil, English,

Permanent Address : East Street, Bathrakali puram,
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