

Thiruvalluvar Government Arts College, Rasipuram

DEPARTMENT OF CHEMISTRY

STAFF PROFILE

ABSTRACT



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|-------------------------------------|--------------------------------------|
| 1. Name | : Mr.P.DURAIRAJU. |
| 2. Designation | : Assistant Professor |
| 3. Education Qualification | :M.Sc., M.Phil., (Ph.D) |
| 4. Teaching Experience | : 9 years and 5 months |
| 5. Research Experience | : 13 years and 5 months |
| 6. Area of Research Chemistry | : OrganicChemistry / Polymer |
| 7. University Guideship Approval No | : P.U/P/P4 /R.D/017754/2013 |
| 8. Fellowship Awarded | : - |
| 9. Minor/Major Research Project | : Applied |
| 10. Research Paper Published | : International: NIL ; National: NIL |
| 11. Seminar/ Conference/ Workshops | : Organized: ; Attended: 2 |
| 12. Journals Review | : International:Nil ; National:Nil |
| 13. Books Published | :Nil |

Languages Known to Read / Write : Tamil, Kannada & English

EDUCATIONAL QUALIFICATION:

Degree	University	Month & Year of Passing	Class/ Grade
UG	Madras	March 1999	III
PG	Madras	March 2001	II
M.Phil	Madras	May 2003	II
Ph.D	Periyar	Dec 2015	Doing

Date of Joining : 26. - 12 - 2007

Teaching Experience : 13 years and 2 months

S. No	From DD/ MM / YY	To DD/ MM / YY	Name of the Institution	Total Years
1.	26/12/2007	30/06/2009	R.V. Government Arts and Science College , Chengalpet.	1 years & 6 months
2.	01/07/2009	Till date	Thiruvalluvar Govt. Arts Coleege , Rasipuram.	7 years & 6 months

Research Experience : 9 years and 2 months

Topic of Research : Coordination / Solid State Chemistry / Crystallography

Research Guidance

M.Phil - Awarded	:	02
M.Phil - Ongoing	:	01
Ph.D - Awarded	:	NIL
Ph.D - Ongoing	:	NIL

Courses Attended :

S. No	Name of the Course	From DD/MM/YY	To DD/MM/YY	Subject/ Title	Name of the University
1.	Orientation	26/12/2007	26/01/2008	Chemistry	Madras
2.	Refresher	06/09/2011	26/09/2011	Chemistry	Bharathiar

Member in Academic/ Editorial Board/ Reviewer in Journals :

List of Publication : 5

Journal

1. Periyar Durairaju^{1,2,*}, Chinnasamy Umarani², Govindasami Periyasami^{3,*}, Perumberkandigai Adikesavan Vivekanand⁴ and Mostafizur Rahaman³, (2021) "Synthesis and In Vitro Antimicrobial Evaluation of Photoactive Multi—Block Chalcone Conjugate Phthalimide and 1,8-Naphthalimide Novolacs" Polymers

(MDPI), Volume 13, pp 1859

2. Periyar Durairaju^{1,2,*}, Chinnasamy Umarani², Jothi Ramalingam Rajabather³, Amer M. Alanazi⁴, Govindasami Periyasami³ and Lee D. Wilson⁵, (2021)

“Synthesis and Characterization of Pyridine-Grafted Copolymers of Acrylic Acid–Styrene Derivatives for Antimicrobial and Fluorescence Applications ” micromachines (MDPI), Volume 12, pp 672

3. Govindasami Periyasami^{1,2,*}, Karuppiah Ponmurugan³, Natarajan Arumugam¹, Raju Sureshkumar¹, Mostafizur Rahaman¹, Durairaju Periyar⁴, Naif Abdullah AlDhabi³, Shaykha Alzahly¹ and Ali Aldalbahi^{1*} (2019) “An expeditious and environmentally benign synthesis of dispiro phenylpyrrolothiazoles in ACI/EG eutectic mixture and its antioxidant and antimicrobial activities against urinary tract pathogens” BMC Chemistry, Volume 13, Issue 42

4. Govindasami Periyasami^{a,b}, Subban Kamalraj^{c,f}, Ramanathan Padmanaband, Santhakumar Yeswanth Kumard, Antony Staline^f, Natarajan Arumugama, Raju Suresh Kumara, Mostafizur Rahamana, Periyar Durairaju, Abdulaziz Alrehailia, Ali Aldalbahi, (2019) Glucosamine-6-phosphate synthase inhibiting C3-β-cholesterol tethered spiro heterocyclic conjugates: Synthesis and their insight of DFT and docking study, Bioorga., Chem., Volume, 88 pp 102920.

5. Synthesis, antiproliferative, antibacterial activity of acridone derivatives: Experimental and theoretical calculations,. P Durairaju, G Venkatesh, A Pradhiksha, P Vennila, YS Mary, Journal of Molecular Structure 1316, 13884

Conference

1. P.DURAIRAJU, C. Umarani (2018) “Synthesis and characterisation of polymers substituted maleamide derivatives” PP 177, DST-SERB, DRDO.

BRNS, MoES, TNSCST Sponsord “International Conference on Recent Trends in Synthetic and Material Chemistry (RTSMC-2018)” Organised by the Department of Chemistry, Annamali University, Annamalai Nagar, Tamil Nadu-608002 on 2th & 3th April 2018.

2. P.DURAIRAJU, C. Umarani (2018) “Synthesis of new series of 1,3-dione functionalized fluorescent naphthalimide base phenol-formaldehyde resins and their antimicrobial activity” PP 149, A Two Day First international Conference on Frontiers in chemical sciences (ICFCS-2020) “organised by Division of Chemistry, Karunya Institute of Technology and sciences, Coimbatore, Tamil nadu, India on 4th & 5th 2020.

3. P.DURAIRAJU, C. Umarani (2019) “International Conference on Current stream in cheRecent Trends in Synthetic and Material Chemistry (RTSMC-2018)” Organised by the Chemical research (ICCSCR-2019)“ held at PG & Research and Department of Chemistry, Government Arts College, Dharmapuri-5 in 20th December 2019.

Special and Guest Lectures Delivered:

1. Delivered a Guest lecture on “Safety in Chemical laboratory “in the Guest lecture programme held on 06-10-2015 at Sri Sowdeshwary Arts and Science College, Salem.

Participation in Seminar/ Conferences/ Workshop

1. Organized by Department of Chemistry, Government Arts College (Autonomous), Salem on February 19, 2016.
2. Participated in National level seminar on green chemistry in organic

chemistrysynthesis (GCOS-2016) . Namakkal Kavinger ramalingam
Government Arts College for Women

1. 28th September 2016
2. Attended the National Conference on “Emerging Trends in Material Science”, organized by Department of Physical Science and Electronics & Communication, Muthayammal College of Arts and Science, Rasipuram, Namakkal Dist. on 4th and 5th February 2011.
3. Attended the UGC sponsored State Level Seminar on “Recent Trends in Chemistry”, conducted by Government Arts College (Autonomous), Salem on 14th March 2011.