

Dr. C. THIRUMURUGAN M.Sc.,M.Phil., Ph.D

Assistant Professor,
PG and Research Department of Chemistry
Sri Vidya Mandir Arts and Science College (Autonomous)
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Personal profile :

Father name : Chinnappan K
Marital status : Married
Nationality : Indian
Language Known : Tamil, English (Read, Write and Speak)

Educational Qualification

Degree	Year	College/University
B.Sc(Chemistry)	2004	Bharathidasan University, Trichy
M.Sc(Chemistry)	2006	Bharathidasan University, Trichy
MPhil(Chemistry)	2007	Periyar University, Salem
Ph.D (chemistry)	04.04.2025	Periyar University, Salem

Teaching Experience:

S.No.	Name of the Institution	Duration
1.	Sri Vidya Mandir Arts & Science College, Katteri, Uthangarai	UG – 18 years and 6 months PG – 13years and 6 Months

Area of Specialization

- Physical chemistry
- Organic chemistry
- General chemistry

Research Experience:

Research area : Synthetic organic compounds
Research experience : 10 years

As a Research supervisor Guiding for M.Phil., under Periyar University, Salem

Total : 11
Degree Awarded : 09 students
Guiding : NIL

Publications in journals and conferences/seminars

International Journals : 7
International Conferences : 7
National Conferences/Seminars : 10
Books : 2
Seminars/Workshops participated : 7
Invited talks/Guest Lectures : NIL

Accomplishments

- ❖ Best teacher award in the year 2009, at Sri Vidya Mandir Arts & Science College, Uthangarai
- ❖ Programme officer in NSS(unit II)
- ❖ Best blood donation NSS certificate received from Krishnagiri district collector
- ❖ Acts as a Chief examiner conducted University Theory exams paper valuation
- ❖ Appointed as Squad for semester Examinations
- ❖ Appointed as Camp officer for general paper valuation
- ❖ Coordinated various extension activities such as AIDS awareness, Voting Awareness, Tree plantation and Health hygiene
- ❖ Ten NSS special camp Organiser
- ❖ Organizing more than Fifteen Blood donation camp coordinate with Krishnagiri district head medical hospital

Recent Research papers published with details:

1. C. Thirumurugan, A. Lalitha, P. Vadivel, Novel $\text{Al}(\text{OH})_3$ and $\text{Ti/Fe@Al}(\text{OH})_3$ nano catalyzed of *N*-(3-((*E*)-3-(4-Adamant-1-yl)-phenyl) acryloyl) phenyl) quinoline-2-carboxamide Synthesis and its Molecular Docking, Quantum chemical Studies, Elsevier, chemical physics impact 2025 <https://doi.org/10.1016/j.chphi.2025.100886>
2. C. Thirumurugan, A. Lalitha, P. Vadivel, Nano catalyzed Green Synthesis of Chalcone Derivatives and its Anti-oxidant and Anti Lung Cancer Potential Validated through In Vitro Experimentals, In silico Quantum chemical, Molecular Docking and Simulations, Elsevier, chemical physics impact 2025 under review

- 4..C.Thirumurugan ,P. Vadivel , Synthesis, Characterization of novel quinoline -2-carboxamidechalcone derivatives and their molecular docking.Photochemical studies. Taylor, Francis online,Synthetic communication, doi.org/10.1080/00397911.2020.1720737, 50(6), 2020
5. C.Thirumurugan ,P. Vadivel , Novel Ti/Al(OH)₃ and Fe/Al(OH)₃ Nano Catalyzed 4-Acetamidophenyl 3-((Z)-but-2-enoyl)phenylcarbamate Synthesis and its Molecular Docking, Quantum ... Journal of Inorganic and Organometallic Polymers and Materials, Springer US Doi.org./10.1007/s10904-022-02245,2022.
- 6.C.Thirumurugan, synthesis spectral characterization and cytotoxic acitivity of pyridyl 4,5-diphenyl imidazole derivatives , international journal of science technology and humanities 1 (05) ,100-106.
7. C.Thirumurugan, synthesis spectral characterization and cytotoxic acitivity of benzimidazolyl – 4,5- dimethylphenyl imidazole derivatives pyridyl 4,5- diphenyl imidazole derivatives , international journal of science technology and humanities 1 (05) ,107-112.
8. Kinetics and Mechanisms of Acid catalysed oxidation of primary alcohols Salicylaldehyde pyridimidine 2,4- diamine chromate VI in aqueous acetic acid ,VOL.1 SPECIAL ISSUE NO.1 January 2015 ISSN: 2349-8684,Roots International Journal of Multidisciplinary Researches.
9. Kinetics and Mechanisms of Acid catalysed oxidation of primary alcohols Salicylaldehyde Naphthalene diamine chromate VI in aqueous acetic acid , Vol.1 Special Issue No.2 March 2015 ISSN: 2349-8684, Roots International Journal of Multidisciplinary Researches
10. Kinetics and Mechanisms of Acid catalysed oxidation of primary alcohols Salicylaldehyde Ortho phenylene diamine chromate VI in aqueous acetic acid , Vol. 2, No. 3 January 2015 ISSN: 2321 – 788X, Shanlax International Journal of Arts, Science & Humanities

Books published with details:

1. College Physical Chemistry, Shanlax Publications, ISBN: 978-93-80686-38-7.2015
2. Fundamentals of inorganic chemistry Gopalax ISBN : 978-81-909573-3-5, 1-250, 2014

Research papers presented with details (International / National / States / Regional levels (Place, Date, Agency & Title of the papers etc.)

- 1.National conference on Advances in chemical and biological sciences (NCACBS-25) Organised by Department of chemistry, Karpagam Academy of higher education Coimbatore on 04.03.2024

2. Two day international conference on advanced materials science and biomedical Applications organized by pg & research department of chemistry Adhiyaman Arts & Science college for women on 11 & 12.10.2023.

3. International seminar on recent trends in bioinorganic chemistry organized by department of chemistry Loyola college (Autonomous) Chennai on 18.02.2019.

4. One day National conference On Recent trends in Chemical sciences 2022, Sona college, Salem on 22.04.2022.

5. Second One day National conference On Recent Advances in Chemical sciences 2022, Sona college, Salem on 07.11.2022.

6. National level conference on Advances in material science, Department of Chemistry, Morappur kongu Arts & Science On 09.02.2024.

7. National conference on current challenges in materials science organized by Department of chemistry, Karpagam Academy of higher education Coimbatore on 12.04.2023

8. Third national conference on advanced and application NCAFMA-2014 in Kalasalingam University. 9. International workshop on Designing Enhanced Research Articles and thesis held on 2nd Feb

2016 in Sri Vidyamandir Arts & Science college, Uthangarai

10. One day Training Programme on URKUND : Plagiarism detection Software for research held on 09.08.2016 in Periyar university Salem.

11. National Level Faculty Development Programme on Funding Sources : Avenues to Avenge conducted by Periyar university post graduate extension centre, Dharmapuri on 03.09.2016

12. Two days faculty Development program on TEACHING TECHNIQUES conducted by ICT Academy on 30, 31-12 – 2016 held at Sri Vidya Mandir Arts & Science college.

13. Participated in the Science Academies Lecture Workshop on Recent Trends in applied physics for technology held on 21, 22.07.17 at Sri Vidya Mandir Arts & Science college

14. Two day National level Faculty development program on Quality Enhancement in teaching, Learning and research held on 30.11.2018 & 01.12.2018 organised by IQAC, Sri Vidya Mandir Arts & Science college

15. Poster presentation in the international conference on Recent Trends in Synthetic methods and

material chemistry organized by the Department of chemistry , Annamalai University during 02 & 03.02.2018

16..Presented a paper entitled multi – component Assembly process for synthesis , characterization

and biological activity of new heteroaryl substituted imidazole derivatives in the international

17.conference on innovative Techniques in agriculture and biological sciences for sustainable development organized by the PG Department of Botany & zoology on 20.12.2018 at Sri Vidya Mandir Arts & Science college.

18. National level Faculty Development Programme (FDP), Sri Vidya Mandir Arts & Science College, Uthangarai on 11th to 12th Feb 2012.

19. National level workshop on Advanced Characterization Techniques (Act 2015) at Periyar University, Salem on 29 & 30 January 2015.

NSS Workshops / Seminars attended with details (Name, Place, Dates, and Agency etc.)

1.One day zonal level orientation training programme for YRC programme officers sponsored by Indian Red cross society , Tamil nadu branch, Chennai conducted at padmavani arts & science college for women, salem on 29.09.2016.

2. One day zonal level orientation programme for YRC held at Sri Balamurugan College Of Arts & Science, Mechery on 14. 10. 2014.

3. Three Days Zonal Level Orientation Training Programme for Youth Red Cross Volunteers & Programme Officers at Periyar University, Salem on 18, 19 & 20 February 2015.

Other activities :a). organized NSS special camp – 10

b).Awareness programme - 25

c) Blood donation camp - 20

No of Conferences / Workshops / Seminars organized with details:

1.Recent trends in advanced engineering and chemical science (ICRTA – ECS02024) ON 21 & 22.03,2024

2.The member of organizing committee of INSPIRE INTERNSHIP 2016 programme sponsored by Department of science and technology, ministry of science and technology, Government of India, New Delhi held at Sri Vidya Mandir Arts & Science college on 24.09.2016 to 28.09.2016.

REFERENCES

Dr.P.VADIVEL.,
Associate professor,
Department of chemistry,
Salem sowdeswari college, Salem.
Phone ;9994655397.

Dr.C.GOVINDARAJ .
Associate professor cum Head
Department of English
Periyar University PG extension center,
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Sincerely

Dr.C.Thirumurugan