

Dr. V. Priya M.Sc., M.Phil., Ph.D.

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EDUCATIONAL QUALIFICATION

S. No.	Degree / Diploma	Subject / Main	Percentage	Name of the College / University
1.	U.G.	CHEMISTRY	77%	HOLY CROSS COLLEGE, BHARATHIDASAN UNIVERSITY
2.	P.G.	CHEMISTRY	80%	HOLY CROSS COLLEGE, BHARATHIDASAN UNIVERSITY (GOLD MEDALLIST)
3.	M.Phil.	CHEMISTRY	77%	ST. JOSEPH'S COLLEGE, BHARATHIDASAN UNIVERSITY
4.	Ph.D.	CHEMISTRY		ST. JOSEPH'S COLLEGE, BHARATHIDASAN UNIVERSITY

Date of Joining : 01-08-2002 (Management), 01-07-2014 (Aided)

ORIENTATION/REFRESHER COURSE ATTENDED

Name of the Course	Academic Staff College, University	Duration in Days	From – To
93 rd Orientation Programme	UGC-HRDC, Bharathidasan University	28 days	2-03-2017 to 29-03-2017
One Week National Faculty Development Program on "Learning Management System (MOODLE) For Online Teaching-Learning"	Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD	7 days	11-10-2020 to 17-10-2020
One Week Online National Faculty Development	Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of	7 days	25-02-2021 to 3-03-2021

Program/ Refresher Course on “Enhancing Quality of Chemistry Education in India”	Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education.		
UGC Sponsored Refresher Course in Chemistry, Batch-XXX	UGC-HRDC, University of Madras, Chennai	14 days	14-09-2022 to 27-09-2022

AWARDS RECEIVED

1. Research Excellence Award – 2023, INSc Institute of Scholars.
2. International Conference on Recent Advancements in Therapeutics, Shrimathi Indira Gandhi College, Trichy, BEST PAPER AWARD , 17th August 2022.
3. Professor C.N.R.Rao Best Young Scientist Award on February 28, 2020, Sponsored by BOSESCIENCE SOCIETY Pudukkottai, TamilNadu, India.

KEY ACHIEVEMENTS

1. **RESOURCE PERSON** for the two days workshop on “Journey into Science - Exploration of Wonders” organized by P G & R e s e a r c h Department of Chemistry, Holy Cross College (Autonomous), Tiruchirappalli 620 002, on 30th and 31st May 2024.
2. **LIFE MEMBER**, Academic and Research Conclave (ARC), Coimbatore, Tamil Nadu, India
3. **Senior Member of INSc International Publishers (IIP)** ISO 9001:2015 certified and registered under Ministry of MSME and Corporate affairs, Government of India. Membership No. INSc2021C4A7a.
4. **MEMBER, BOSE SCIENCE SOCIETY** Pudukkottai, TamilNadu, India.
5. **CHAIR PERSON AND PRESENTED PAPER** in Innovation in Education Conference, Soegijapranata catholic University, Indonesia, 29th-30th October 2019
6. Acted as a **RESOURCE PERSON** and delivered a lecture on “Green Chemistry Towards Sustainable Environment” in Department of Chemistry, St. Joseph’s College, Trichy, 2nd March 2016.
7. **CHAIR-PERSON** in the National Conference on “Recent Advances in Chemistry Research and its Applications” (NCRACRIA-17), Department of Chemistry, St. Joseph’s College, Trichy, 19th January 2017.
8. **RESOURCE PERSON** in the “Seminar on Developing New Curriculum-2017”, organized by STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, TAMIL NADU, held at Anna University, Chennai, 20th to 22nd July 2017.

9. **RESOURCE PERSON** in One-Day Workshop on “Basic Laboratory Skills”, Department of Chemistry, Holy Cross College, Trichy, 1st December 2017.
10. **FACULTY FOR DISTANCE EDUCATION** M.Sc Chemistry classes, Bharathiar University
11. **FACULTY FOR TRB COACHING CLASSES** in CARE Chemistry Tuition Centre, Trichy
12. **RESOURCE PERSON** in Training Programme for Science Graduate Teachers on “Samacheer Kalvi”, HolyCross College, 27th August 2011
13. **RESOURCE PERSON** in National Workshop on “Green Techniques in Chemistry Laboratory Experiments, Holy Cross College, 9th January 2013
14. **RESOURCE PERSON** in Training Programme for PG teachers on “Microscale Experiments with Green Techniques”, Holy Cross College, 23rd August 2013

PAPERS PUBLISHED – 36

1. Priya. V., Subalakshmi. M. and Priya Roseline. V. (2024) Synthetic Utility of N-Chloronipecotamide in the Kinetic Study of Oxidation of Isatin in Aqueous Acetonitrile Medium by potentiometric Method, Corrosion and Protection Vol. 52 Issue. 1 ISSN:1005-748X SCOPUS
2. Priya. V., and Priya Roseline, V. (2024) *In Silico* Molecular Docking of N-Halo Compounds with Proteins 1 HD2 and 2CDU, **Journal of Harbin Engineering University**, Volume 44, Issue:10, pg: 1130-1135, October 2023 ISSN: 1006-7043 **Scopus**.
3. Priya. V., and Priya Roseline, V. (2024) *In Silico* Molecular Docking of N-Bromonicotinamide and N-Bromoisonicotinamide with Proteins 1HD2 and 2CDU, International Journal of Zoological Investigations, Volume 10, Issue 1, Pg.294-300, February 2024, ISSN: 2454-3055
4. Subalakshmi. M and Priya. V., (2023), Mechanistic Investigation of the Oxidation of Aliphatic Aldehydes by N-Chloroisonicotinamide in Dimethyl sulfoxide medium, **International Journal of Recent Scientific Research**, Vol 14 (1) January 2023, ISSN: 0976-3031.
5. Subalakshmi. M and Priya. V., (2023), In Silico N-Chloropicolinamide and Ascorbic acid Molecular Docking with 1HD2 Protein, **International Journal of Zoological Investigations**, Vol. 9.SPL ISSUE January 2023, Web of Science, ISSN: 2454-3055
6. Priya Roseline. V and Priya. V , (2022). Evaluation Of In Vitro Antioxidant Activity Of Biological And Polymeric Synthesized CuO Nano particles. Stochastic Modeling & Applications Vol. 26 No. 3 (January - June, Special Issue 2022 Part - 9).
7. Priya Roseline. V and Priya. V (2021) *Sarcostemma acidum* stem extract mediated synthesis and characterization of copper oxide nanoparticles, International Journal of Botany studies, Volume 6, Issue 3, p. 422-426, May 2021.

8. Priya Roseline. V and Priya. V (2021)GC-MS Analysis of Bio-Active Compounds in Ethanolic Extract of *Sarcostemma acidum* Stem, International Journal of Modern Agriculture, Volume 10, No.2,p. 3709- 3713, May 2021
9. Priya. V, Subalakshmi M and Priya Roseline.V., (2021). Synthetic Utility Of N-Chlorosuccinamide in the Oxidation of isatin in Aqueous Acetonitrile Medium- A Kinetic and Mechanistic Study. *International journal of biology, pharmacy and allied Sciences*. Vol. 10 Issue 2, December 2020. (Web Of Science)
10. Subalakshmi. M and Priya. V., (2021). Invitro Antimicrobial Activity of N-Chloropicolinamide. *International journal of biology, pharmacy and allied Sciences*. Vol. 10 Issue 5, May 2020. (Web Of Science)
11. Priya Roseline. V, Priya. V and M. subalakshmi., (2021). Synthesis and characterization of N- Chloroamide a New, Mild, Stable, Effective and Efficient Oxidant for organic substrates. *International Journal of All Research Education and Scientific Method*. Vol. 9 Issue 4, April 2020. (UGC Journal).
12. Priya. V and Subalakshmi M (2020) Study of oxidation of dyes by N-chlorosuccinimide in aqueous acetic acid medium: A kinetic and mechanistic study, International Journal of Chemical Studies, Vol.8, No.5, p. 535 - 537, September to October 2020
13. V.Priya, M.Subalakshmi; et al ;(2019). A Review on Recent Progress in the Synthetic Utility of N-Halo compounds and Their Biological Significance. *International Journal of Innovative Science, Engineering & Technology*. Vol. 6 Issue 12, December 2019. (UGC Journal)
14. M. Subalakshmi and V. Priya., (2019). Synthesis And Characterization Of N-Chloropicolinamide: A New, Mild, Stable, Effective And Efficient Oxidant For Organic Substrates. *Rasayan journal of chemistry*.Vol-12(3) July-sep 2019.(Scopus indexed journal).
15. Priya V. and Subalakshmi M., (2018). Kinetics and mechanism of oxidation of benzaldehyde di-n-butyl acetal by N-Chloroisonicotinamide in aqueous acetonitrile medium. *International journal of recent scientific research*. (UGC and ICI Journal)
16. Priya V. and Subalakshmi M., (2018). A mechanistic investigation of the oxidation of acetals by N-Chloroisonicotinamide in aqueous acetonitrile medium. *International journal for research in applied science & engineering technology*. 6: (UGC Journal)
17. Priya V. and Subalakshmi M., (2017). Mechanistic study of oxidation of p-methoxy benzaldehyde di-n-butyl acetal by N-Chloroisonicotinamide in aqueous acetonitrile acid medium – A kinetic approach. *Research journal of chemical and environmental science*. 5: (UGC and ICI journal)

18. Priya V. and Subalakshmi M., (2017). Kinetic and mechanism of oxidation of benzyl ethers by N-Chloroisonicotinamide in aqueous acetic acid medium. *International journal of chemtech research*. **10(10)**: (ICI journal).
19. Priya V. and Subalakshmi M., (2017). Mechanistic study of oxidation of aromatic monoethers by N-halo compound-A kinetic approach. *International journal of pharmaceutical chemical and biological sciences*. **7(1)**: (UGC Journal).
20. Priya V., (2016). Oxidation of aromatic monoethers by N-Chloronicotinamide in aqueous acetic acid medium – A kinetic approach. *International journal of IT, Engineering and applied sciences research*. **5(1)**:
21. Priya ., (2014). Pharmacologically active N-chloroisonicotinamide in the kinetic study of oxidation of p- methyl benzaldehyde di-n-butyl acetal. *international journal of research and development in pharmacy & life sciences*. (ICI Journal)
22. Priya V. and Mathiyalagan N., (2012). Kinetics and mechanism of oxidation of benzyl phenyl ethers by N-chloronicotinamide in aqueous acetic acid medium. *Research Journal of Chemistry and Environment*. **16(1)**: 23-27 (scopus and UGC indexed journal).
23. Priya V. and Mathiyalagan N., (2011). N-chloroisonicotinamide – A new, mild, effective, efficient and less expensive oxidant for organic substrates. *Asian Journal of Chemistry*. **23(4)**: 1871-1872. (scopus indexed journal).
24. Priya V. and Mathiyalagan N., (2011). Kinetic study on the reaction of N-chlorosuccinimide with benzyl phenyl ethers in aqueous acetic acid. *Journal of Chemical and Pharmaceutical Research*. **3(1)**: 522-528.
25. Priya V., Balasubramaniyan N and Mathiyalagan N., (2011). Mechanistic study of oxidation of alcohols by N-bromoisonicotinamide in aqueous acetic acid medium. *International Journal of Chemtech Research*. **3(3)**: 1096-1101. (scopus & ICI Journal)
26. Priya V. and Mathiyalagan N., (2011). Synthetic utility of vitamin B3 derivative in the oxidation of benzyl p-methyl phenyl ether. *RETELL*. **12(1)**: 25-30.
27. Priya V., Balasubramaniyan N and Mathiyalagan N., (2010). Reactivity in the oxidation of benzyl ethers by N-bromonicotinamide in aqueous acetic acid medium. *Journal of Indian Chemical Society*. (87): 967-970. (scopus indexed journal).
28. Priya V. and Mathiyalagan N., (2010). Chlorination of phenol and p-nitrophenol by N-chloronicotinamide in aqueous acetic acid medium – A

kinetic and mechanistic study. *Asian Journal of Chemistry*. **(22:7)**: 5218-5222.(Scopus Indexed journal).

29. Priya V. and Mathiyalagan N., (2010). N-chloronicotinamide oxidation of benzyl phenyl ether in aqueous acetic acid medium: Synthesis, kinetics and mechanistic study. *RETELL*. **11(2)**: 114-117.

30. Priya V. and Mathiyalagan N., (2009). Kinetics and mechanism of oxidation of benzyl ethers by N-chloronicotinamide in aqueous acetic acid medium. *Journal of Indian Chemical Society*. **(86)**: 453-457. (Scopus journal).

31. Priya V. and Mathiyalagan N., (2009). Mechanistic study of oxidation of benzyl ethers by 1-chlorobenzotriazole in aqueous acetic acid. *Asian Journal of Chemistry*. **(21: 8)**: 6130-6134.(Scopus journal).

32. Priya V. and Mathiyalagan N., (2008). Kinetics and mechanism of oxidation of vanillin by N-chloronicotinamide in aqueous acetic acid medium by volumetric method. *RETELL*. **(8:1)**: 22-27.

33. Priya V. and Mathiyalagan N., (2007). Oxidation of diols by 1-chlorobenzotriazole in aqueous acetic acid medium-A kinetic and mechanistic study. *RETELL*. **(7:2)**: 24-31.

34. Priya V. and Mathiyalagan N., (2006). Kinetics and Mechanism of oxidation of benzyl alcohol by N-chloronicotinamide in aqueous acetic acid medium by volumetric method. *RETELL*. **(7:1)**: 20-24.

35. Sridharan R., Mathiyalagan N. and Priya V., (2005). Kinetics and mechanism of oxidation of aliphatic alcohols by N-chloronicotinamide in aqueous acetic acid medium. *Journal of Indian Chemical Society*. **(82)**: 795 – 798.(Scopus journal).

36. Priya V. and Padmini R., (2005). Effect of solvent on the deoxygenation of aromatic ketoximes by iodobenzene dichloride. *HCRJ***(1:1)**.

**PAPERS PRESENTED IN INTERNATIONAL/NATIONAL
CONFERENCES/SEMINARS: 57**

BOOKS PUBLISHED – 1

A Compilation of Research Works in Chemical Kinetics – Volume 1 (2022)
Iterative International Publishers, ISBN: 978-93-92591-51-8

BOOK CHAPTERS PUBLISHED – 2

INTERNATIONAL CONFERENCE ON “EXPLORING NEW HORIZONS IN CHEMICAL SCIENCES (ENHCS-2024) Ryan Publishers, ISBN: 978-81-19587-23-0

1. Synthetic Utility of N-Chloronipecotamide in the Kinetic study of Oxidation of 5-methylisatin in aqueous acetonitrile medium by potentiometric method
2. Anticancer Activities Of Green Synthesized Copper Oxide Nanoparticles From Sarcostemma Acidum Stem Extract

DETAILS OF MEMBERSHIP IN PROFESSIONAL BODIES /JOURNALS, EDITORS, CONSULTANCY

1. Life Member, Academic and Research Conclave (ARC), Coimbatore, Tamil Nadu, India
2. Senior Member of INSc International Publishers (IIP) ISO 9001:2015 certified and registered under Ministry of MSME and Corporate affairs, Government of India. Membership No. INSc2021C4A7a.
3. Member of **BOSE SCIENCE SOCIETY** Pudukkottai, TamilNadu, India.

VISIT TO FOREIGN COUNTRIES

Innovation in Education Conference, Soegijapranata catholic University, Indonesia, 29th-30th October 2019

RESPONSIBILITIES

1. PTA Co-ordinator, 2019 -2022
2. Swayam Co-ordinator, 2018 Onwards
3. Organizing Secretary, National Conference on Evolutionary Trends in Biological and Pharmaceutical Chemistry, Holy Cross College, 30th and 31st January 2014
3. Fine arts Core Committee Member, Holy Cross College, 2007-2010 & 2011-2012
Assistant Staff Secretary (Shift II), Holy Cross College, 2006-2007