

## PROFILE

**Dr. V.PRIYA ROSELINE,**  
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### PERSONAL INFORMATION

Date of Birth : 15-06-1980  
Nationality : Indian  
Religion : Protestant  
Community : B.C  
Marital Status : Married, 2 Kids  
Qualification : M.Sc., M.Phil., B.Ed, Ph.D  
Subject : Chemistry

### EDUCATIONAL QUALIFICATIONS

DEGREE	SUBJECT	COLLEGE/UNIVERSITY	Percentage of Marks (%)
<b>B.Sc.</b>	Chemistry	T.B.M.L. College, Poraiyar, Mayiladuthurai (Dt).	76 (Distinction)
<b>M.Sc.</b>	Chemistry	A.V.C.College, Mayiladuthurai, Mayiladuthurai (Dt).	76 (Distinction)
<b>B.Ed.</b>	Chemistry	Oxford College, Trichy.	78 (Distinction)

<b>M.Phil.</b>	Chemistry	Bharathidasan University, Trichy.	82 (Distinction)
<b>Ph.D</b>	Chemistry	PG and Research Department of Chemistry, Holy Cross College. Trichirappalli-Dt.	COMMENDED

### **WORKING EXPERIENCES**

- ❖ 2004-2008 Lecturer in T.B.M.L college., Poraiyar, Nagapattinam (Dt).
- ❖ 2013-2014 Lecturer in Deen arts and science college, Mayiladuthurai.
- ❖ Working as Assistant Professor in Holy Cross College from 2016 to till date.

### **SUBJECTS SPECIALIZED IN TEACHING**

- ❖ Inorganic chemistry
- ❖ Analytical chemistry
- ❖ Physical Chemistry
- ❖ Environmental Chemistry
- ❖ Polymer Chemistry

### **COURSES ATTENDED**

- ❖ Innovative teaching and skills for online classroom, Tamil nadu open university ,March 2021.
- ❖ Innovative teaching and learning methods Patrician college of arts and science, Adayar Chennai. six days 2022.

### **LEADERSHIP PROFILE**

- a. Staff in-charge for the Rescape activities in the year 2017-2018
- b. Staff in-charge for the association of the Department in the year 2018-2019
- c. Sports in charge for the department in the year 2017-2018.
- d. Fine arts in charge for the department from 2018-2019 .
- e. Swayam in charge for the department 2021 -2022
- f. Internal committee in charge of the department 2021-2022.

## E- CONTENT DEVELOPED

- Isomerism
- Introduction to Raman Spectroscopy
- Introduction to IR Spectroscopy
- Mass Spectroscopy

## PUBLICATIONS

1. V, Priya , Priya Roseline V. (2024) Synthetic Utility Of N-Chloronipicotamide In the Kinetic Study Of Oxidation Of Isatin In Aqueous Acetonitrile Medium By Potentiometric Method ,Journal of Corrosion And Protection, Vol. 52 Issue. 1 (2024).
2. Priya Roseline V, Priya V. (2023) In Silico molecular docking of N-Bromonicotinamide and N-Bromoisonicotinamide with proteins 1HD2 and 2CDU, International Journal of Zoological Investigations, Vol.10, No.1, 294-300 (2024)
3. V, Priya , Priya Roseline V. (2023) In Silico molecular docking of N-halo compounds with proteins 1HD2 and 2CDU, Journal of Harbian Engineering University, Vol 44 No.10 ISSN:1006-7043. October 2023.
4. Priya Roseline V, Priya V. (2023) Antidiabetics potential of copper oxide nano particles using biological and polymer functionalized method mediated by sarcostemma acidum stem extract. Oriental journal of chemistry Volume 39(2)387-392 April 2023.
5. Priya Roseline V, Priya V. (2021) Assessment of anti-inflammatory activity of copperoxide nanoparticles from sarcostemma acidum stem extract International Journal of Biology ,Pharmacy and allied sciences, 10(9);481-488. (UGC Care List - Web of Science – ISSN: 2277-4998).
6. Priya Roseline V, Priya V. (2021) Sarcostemma acidum stem extract mediated synthesis and characterization of copper oxide nanoparticles. International Journal of Botany Studies. 6(3), Page No. 422-426. (UGC Care list- Web of Science – ISSN:2455-541X).
7. Priya Roseline V, Priya V. (2021) GC-MS Analysis of Bio-Active Compounds in Ethanolic Extract of Sarcostemma acidum Stem. International Journal of Modern Agriculture, 10 (2); 3709-3713. (UGC Care List - Web of Science – ISSN: 2305-7246)
8. 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.
9. V. Priya, M. Subalakshmi , V. Priya roseline (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.
10. Evaluation of invitro anti oxidant activity of biological and polymerical synthesized copper oxide nano particles. Stochastic modeling and application ISSN :0972-3641.

## CONFERENCES

1. Paper presented in International conference organized by the PG and Research Department of Chemistry, Holy Cross College(Autonomous), Trichy on -Materials science for Sustainable Environment, Synthesis of medicinarybactive 2 –aminothiazole from methyl carbonyl chlopicolinamide catalytic system.

2. Paper presented on National Conference organized by the PG and Research Department of Chemistry, Holy Cross College(Autonomous), Trichy on Biological synthesis of copper nano particles using Dalbergia latifolia leaves and its applications.

3 Participated in “National Conference on RECENT ADVANCES IN CHEMISTRY RESEARCH AND ITS APPLICATIONS” on 19 Jan 2017 at St. Joseph College, Tiruchirappalli-2.

4. Participated on “Networking Research and Innovation in Higher Education for a Sustainable Society: Challenges and Channels”(ICNRI 2018) Holy Cross College(Autonomous), Trichy-2. On 25-27 July 2018.

5. Paper presented on National Conference on “Nano National Summit – Current Trends and Future Perspectives”(NNSCTFP-2019) organised by the PG and Research Department of Chemistry, Holy Cross College(Autonomous), Trichy on 9&10 January 2019.

## **BOOK CHAPTER 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- methlisation in aqueous acetonitrile mediun by potentiometric method.*

*2.Anticancer Activities of Green Synthesized Copper Oxide Nanoparticles from Sarcostemma Acideum Stem Extract.*

## RESEARCH AND PROJECT

- ❖ Determination of partial molar volume of sodium halides.
- ❖ Synthesis of N- halo compounds and Kinetic Studies of Oxidation of some organic substrate .
- ❖ Phytochemical and Pharmacological Studies from traditional medicinal plants.

I hereby declare that the information provided above is true to the best of my knowledge.

(V.PRIYA ROSELINE)