

FACULTY PROFILE



Dr. Rajalakshmi V currently serves as Assistant Professor in the Department of Chemistry at Auxilium College (Autonomous), Vellore. She has 3 years of industrial experience and 7 years of teaching experience. She completed her B.Sc. (Chemistry) at Quaid-e-Millath Government College for Women, Chennai, and acquired M.Sc. (General Chemistry) at Presidency College, Chennai. She completed her Ph.D. in the year 2008 from University of Madras. She qualified her SET in 2016. Her research interests include Bioinorganic Chemistry.

1. Name : Dr.V. Rajalakshmi
2. Designation : Assistant Professor
3. Qualification : M.Sc. Ph.D., SET
4. Mobile number : 9841432077
5. E-mail id : rajalakshmiche@auxiliumcollege.edu.in
6. Teaching Experience : 7 Years
7. Area of specialization : Bioinorganic Chemistry
8. Positions Held in Auxilium :
 - Incharge of Department Library from 2021 onwards
 - Incharge of PG Industrial Visit (2021-2022)
 - Incharge of IIT Software Programme-PG from 2022 onwards
 - Incharge of CHRYSL Magazine (2022-2023)

- Innovative Initiatives– Herbal Hair Oil Preparation in 2023

9. Research Experience : 9 Years

10. Projects Completed / Ongoing : University Research Fellowship funded by University of Madras

11. No. of Papers Published : 01

12. No. of Papers Presented in the National/International/Seminars/Workshops/Conferences : 07

13. No. of Seminars/Workshops/Conferences organized : 02

14. No. of Books Published/Edited/Co-edited : Nil

15. Membership in professional bodies (Descriptive) : Nil

16. Other bodies (Descriptive) : RUSAC

17. Honors & awards received (Descriptive) :

- Gold Medal & 1st Rank in SSLC
- School 2nd Rank in HSC
- “Best Performer”, awarded by Ganadipathy Tulsi’s Jain Engineering College, Vellore

18. No. of Online Courses completed (Minimum of 4 Weeks) : Nil

19. Any Other (Descriptive) :

- Invited lecture - "Industrial Applications of Chemistry" at Annai Violet College, Chennai in 2017
- Industrial Research Experience - Worked as a Research Scientist in Piramal Healthcare Ltd., Chennai during 2008-2011
- SET qualified in 2016

- E-Contents - Two video lectures were uploaded on the topics “Classification of Polymers” and “Polymerisation Techniques” in the Auxilium College Chemistry Department’s YouTube channel in the following links:
https://youtu.be/X28i65_SVy4
https://youtu.be/VsjCOa1Tw_4
- Conferences and Webinars attended – 46
- FDPs attended – 5

PUBLICATION

Rajalakshmi V, Vijayaraghavan V R, Babu Varghese and Raghavan A., 'Novel Michael addition products of bis (amino acidato) metal (II) complexes: Synthesis, characterization, dye degradation, and oxidation properties', Inorganic Chemistry, ISSN 0020-1669, August 2008, Vol. 47, Issue 13, pp 5821-5830.

PAPERS PRESENTED IN THE NATIONAL / INTERNATIONAL CONFERENCES

1. “National Conference in Chemistry” conducted by Central College, Bangalore - National - on 27th, 28th and 29th September 2006.
2. National Conference on “Eco-, Sono-, and Nanochemistry & Recent Developments in Chemistry” conducted by The New College, Chennai - National - on 20th and 21st December 2006.
3. “National Seminar on Current Developments in Chemistry” conducted by Bharathiar University, Coimbatore - National - on 18th and 19th January 2007.
4. “36th National Seminar on Crystallography” conducted by University of Madras, Chennai - National - on 22nd, 23rd and 24th Jan. 2007.
5. “National Seminar on Non-Conventional Techniques in Synthesis” conducted by Ethiraj College for Women, Chennai - National - on 23rd February 2007.
6. “International Conference on Advanced Materials and Composites” conducted by National Institute for Interdisciplinary Science & Technology (Formerly Regional Research Laboratory), Council of Scientific and Industrial Research, Thiruvananthapuram - International - on 24th, 25th and 26th October 2007.
7. “12th Biennial Symposium on Modern Trends in Inorganic Chemistry – MTIC XII” conducted by Indian Institute of Technology - Madras, Chennai - National - on 6th, 7th and 8th December 2007.

SEMINARS/WORKSHOPS/WEBINARS: ORGANIZED/ATTENDED

1. "National Conference on Values and Spirituality for Excellence in Teaching Profession" conducted by Prajapitha Brahma Kumaris at Chennai - National - on 28th August 2016.
2. National Level workshop on Materials synthesis and its characterization conducted by Saveetha Engineering College, Chennai - National - on 17th September 2016.
3. "National Conference on Advanced Materials and Applications" conducted by Auxilium College, Vellore - National - on 7th September 2018.
4. "National Seminar on Advances in Materials Chemistry" conducted by Auxilium College, Vellore - National - on 6th December 2019.
5. "National Level Online Chemistry Quiz on Inorganic spectroscopy" conducted by Periyar Maniammai Institute of Science & Technology, Thanjavur - National - on 6th March 2020.
6. "International Level Covid-19 Webinar on Functional Novel Materials for Electrochemical Sensors and Energy Storage Devices" conducted by Thiyagarajar College, Madurai and Ming Chi University of Technology, Taiwan - International - on 15th May 2020.
7. "Energy, Energy Everywhere, How to harness it?" conducted by V.O. Chidambaram College, Thoothukudi - National - on 21st May 2020.
8. Webinar on "Micro, Nano and Atomic Scale Approaches in Electronic Applications" conducted by Erode Arts and Science College, Erode - National - on 21st May 2020.
9. "International Webinar on Materials for Energy, Environment and Healthcare Applications" conducted by The Gandhigram Rural Institute, Gandhigram - International - on 21st and 22nd May 2020.
10. Webinar on "Quality Scientific Writing - Skills for Academicians" conducted by Reva University, Bengaluru - National - on 25th May 2020.
11. National Webinar on "Nonlinear Optical Behaviour of Nanomaterials" conducted by Lady Doak College, Madurai - National - on 28th May 2020.
12. Webinar on "Peaceful Applications of Radioisotopes" conducted by Dwaraka Doss Goverdan Doss Vaishnav College, Chennai - National - on 30th May 2020.
13. "Chem-Quiz" conducted by Rajeswari Vedachalam Govt. Arts College, Chengalpattu - National - on 4th June 2020.
14. "E-Quiz on Spectroscopy" conducted by Queen Mary's College, Chennai - National - on 6th June 2020
15. National Level E-Quiz on "Chemistry in Daily Life" conducted by Don Bosco College, Dharmapuri - National - on 6th June 2020.
16. "International Webinar on Recent Trends on Parkinson's Disease" conducted by Jaya College of Arts and Science, Chennai - International - on 6th June 2020.

17. "Physical Chemistry" e-Quiz conducted by Thiruvalluvar University, Vellore - National - on 7th June 2020.
18. "Online Quiz on Chemistry" conducted by Kaveripakkam College of Arts and Science, Kaveripakkam - National - on 9th June 2020.
19. "Novel Materials, Characterization and Applications" conducted by Auxilium College, Vellore - National - on 9th and 10th June 2020.
20. "E-Chem Quiz 2.0" conducted by Dr.Zakir Husain College, Sivagangai - National - on 10th June 2020
21. "Strategic Approach in Chemistry" conducted by Alagappa University, Karaikudi - National - during 9th to 12th June 2020.
22. National Webinar Series on "Research Methodology" conducted by Loyola College, Chennai - National - on 12th and 13th June 2020.
23. "Online quiz - Role of Chemistry against COVID 19" conducted by Government Thirumagal Mills College, Gudiyattam - National - during 15th to 19th June 2020.
24. National Level E-Quiz 2020 on "Research of Chemistry" conducted by Govt. Polytechnic College, Salem - National - on 16th June 2020.
25. National Level E-Quiz on "Organic Chemistry" conducted by Government Thirumagal Mills College, Gudiyattam - National - during 30th June to 6th July 2020.
26. E-Quiz on "Chemistry for Everyone" conducted by GRG Polytechnic College, Coimbatore - National - on 5th July 2020.
27. State Level Webinar Series on Selected Topics in Chemistry for CSIR-NET/ SET/ GATE/ IIT-JAM Aspirants - "Group Theory" conducted by Anna Adarsh College for Women, Chennai - State Level - on 25th July 2020.
28. State Level Webinar Series on Selected Topics in Chemistry for CSIR-NET/ SET/ GATE/ IIT-JAM Aspirants - "ESR Spectroscopy" conducted by Anna Adarsh College for Women, Chennai- State Level - on 31st July 2020.
29. State Level Webinar Series on Selected Topics in Chemistry for CSIR-NET/ SET/ GATE/ IIT-JAM Aspirants - "Bioinorganic Chemistry" conducted by Anna Adarsh College for Women, Chennai - State Level - on 1st August 2020.
30. "E - Quiz on Environmental Awareness" conducted by Govt. Arts College, Coimbatore - National - during 20th to 22nd November 2020.
31. National Seminar on "Advanced Nanomaterials for Sustainable Development and Energy Applications" conducted by SRM Institute of Science and Technology, Chennai - National - on 28th May 2021.
32. One Day Seminar on "Energy Materials" conducted by Sathyabama Institute of Science and Technology, Chennai - National - on 4th June 2021.
33. National Webinar on "Recent Developments for Chemistry Teachers" conducted by Karunya Institute of Technology and Sciences, Coimbatore - National - on 5th June 2021.
34. "International Webinar Series on Indian Nuclear Power Programme" conducted by Karunya Institute of Technology and Sciences, Coimbatore - International - on 8th June 2021.

35. Webinar Lecture on "Stabilization of Enzymes in Polymers" conducted by Saveetha Dental College, Chennai - National - on 8th June 2021.
36. National Webinar on "Challenges and Opportunities in the Chemical Industries" conducted by Karunya Institute of Technology and Sciences, Coimbatore - National - on 10th June 2021.
37. International Webinar on "Materials Chemistry For Environmental Sustainability" - conducted by Auxilium College, Vellore - National - on 18th and 19th October 2021- **Organizing Committee Member.**
38. Workshop on "Documentation and Data Management" conducted by Auxilium College, Vellore - National - on 29th October 2021.
39. "IP Awareness/Training program" conducted by National Intellectual Property Awareness Mission Ministry of Commerce and Industry, Govt. of India and Auxilium College, Vellore - National - on 25th January 2022.
40. "2nd National Conference on Advanced Materials and Applications" conducted by Auxilium College, Vellore - National - on 13th and 14th October 2022.
41. National Webinar on "Research Productivity and Institute Intellectual Output" conducted by Auxilium College, Vellore - National - on 5th November 2022.
42. "National Seminar - ICES'23" conducted by Auxilium College, Vellore & Nature Science Foundation - National - on 3rd February 2023 - **Organizing Committee Member.**
43. "IP Awareness/Training program conducted by National Intellectual Property Awareness Mission Ministry of Commerce and Industry, Govt. of India and Auxilium College, Vellore - National - on 20th February 2023.
44. International Conference on "Recent Advances in Material Chemistry & its Medical & Environmental Applications" conducted by Voorhees College, Vellore - International - on 14th July 2023.
45. "National Webinar on Publish and Progress" conducted by Auxilium College, Vellore - National - on 26th August 2023.
46. "National Conference on Material Synthesis and Environmental Sustainability" conducted by Sacred Heart College, Thirupattur - National - on 26th September 2023.

FDPs ATTENDED

1. Four weeks Faculty Development Programme on "Certificate Course on Bionanotechnology (CBNT)" conducted by Association of Indian Biologists (AIB) during 15th May to 11th June 2020.
2. Online Faculty Development Programme on "My life My pride My career" conducted by Department of Accounting & Finance(Shift II), Patrician College of Arts and Science, Chennai in association with Audacious Dreams Foundation on 18th May, 2020.
3. Five Day Online Faculty Development Programme on "Advanced Materials and their Applications" conducted by Auxilium College, Vellore during 2nd to 6th June 2020.

4. National Level Online Faculty Development Programme on “E-Content Development” conducted by Angels College of Education, Namakkal during 31st May to 2nd June 2021.
5. "A Two-Week Online Faculty Development Programme on Libre Office suite Writer, Calc & Impress" conducted by Auxilium College, Vellore in association with Spoken Tutorial, IIT Bombay during 26th May to 10th June 2022.