

A.RAJAVEL M.Sc., M.Phil., Ph.D

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4/255, Kodian Street,

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Objectives

- I am becoming an Assistant Professor in Chemistry field
- Optimally deliver the best results by utilizing the available resources
- Maximize the exciting skills and accumulating new talents in a short time
- Effectively communicate the acquired knowledge thereby create a significant impact in the organization

Educational Qualification

Degree	Institution	Year of Passing
Ph.D. Inorganic Chemistry	Annamalai University Annamalainagar	2017
M.Phil. Inorganic Chemistry	Bharathidasan University Tiruchirappalli	2007
M.Sc. General Chemistry	Poompuhar College Melaiyur	2005

Work Experiences

- **Technical Assistant** in quality control department in soap manufacturing industry S.N Laboratories, Manali, Chennai-68, period from **2005-2006**.
- **Technical officer** in chemistry lab at SRM University, Kattankulathur, period from **2007 -2008**.
- **JRF** in Environmental Research Project (MOEF) in Engineering Chemistry, Annamalai University, period from **2009-2010**.
- **PhD Scholar in chemistry** at Annamalai university, period from **2010-2017**

- **Assistant professor in chemistry** at kalaimahal college of Arts and sciences,sembanarkovil.from 2017-2018
- Now working as Assistant professor in chemistry in our institutions **A.V.C COLLEGE (AUTONOMOUS) Mannampandal** till the date

List of Publications: 05

1. Synthesis, Crystal Structure, Characterization and Microbial Evaluation of (E)-N-(4-isopropylbenzylidene)thiophene-2-carbohydrazide" **A.Rajavel**, T.Jeyakumar, M.L. Sundararajan, T. Srinivasan & D. Velmurugan Molecular Crystals And Liquid Crystals **Published Online: 12 Jul 2016**
<http://dx.doi.org/10.1080/15421406.2016.1170285> .
2. Polymorphs of 4-isopropylbenzylidene thiophene-2-carbohydrazide: Crystal growth and density functional theory computations **A. Rajavel**, A. Aditya Prasad, T. Jeyakumar, Journal of Molecular Structure <https://doi.org/10.1016/j.molstruc.2016.10.025>
3. Syntheses, spectral characterization, thermal properties and cytotoxicity studies of Cu(II), Mn(II), Ag(I), Ni(II), Zn(II) and Cd(II) complexes with some new hydrazide derivatives, **A. Rajavel**, T. Jeyakumar Open Journal of Medicinal Chemistry
4. Synthesis, Structure and Characterization of (E)-1-(4-isopropylbenzyl)-2-tosyldiazene" has been successfully submitted online and is presently being given full consideration for publication in Phosphorus, Sulfur, and Silicon and the Related Elements, **A. Rajavel**, A. Aditya Prasad, T. Jeyakumar, Phosphorus, Sulfur, and Silicon and the Related Elements(waiting for publishing)
5. Levels of Organochlorine Pesticide Residues in Water and Sediment from Selected Agricultural Sectors of Kanyakumari District, Tamil Nadu, India, Jeyakumar, T, Kalaiarasi, I, **Rajavel, A**, Anbu,M.kumar,R Indian journal of environmental research 8(2):493-500 <http://hdl.handle.net/123456789/2339>
6. Organochlorine residues in Kanyakumari |District at |Tamilnadu **A.Rajavel,ThankappanJeyakumar, M.Anbu, P.Roselet** Asian journal of environmental research 2009

Professional Activities

1. Persistence, sincerity, willingness to learn comprehensive problem solving abilities, excellent verbal communication skills and team facilitator.
2. Teaching good subject knowledge in chemistry
3. Maintain the students discipline within department and college campus.
4. Practical skills in Analytical chemistry
5. Analysis of pesticides

References

1. Dr. T. Jeyakumar

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Chemistry Section (FEAT)
Annamalai University
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2. Dr. G. Senguttuvan

Assistant Professor of Chemistry
Thiru.Vi.Ka. Govt Arts College
Thiruvarur
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Personal Details

Name : **A.Rajavel**
Father Name : **N.Anbzhagan**
Mother Name : **A.Shanthi**
Sex : **Male**
Date of Birth : **18.03.1981**
Permanent Address : **No: 4/255, Kodian Street, Thiruvengadu & (Post)
Sirkazhi(Taluk),Nagappattinam(District) Tamilnadu-609114**
Language Known : **Tamil & English**
Research experiences : 9 years
Teaching experiences : 5 1/2 years

Academic Research Activities

Presented a research paper (oral) on Screening Of Photochemical Compounds.....In the 4th National Conference on Challenges in Chemical Engineering and Bio -Science for Sustainable Environment (CBSE) held between 15 & 16th February, 2019 at Annamalai University, Annamalai Nagar, Tamilnadu