

**NAMAKKAL KAVINGAR RAMALINGAM GOVERNMENT ARTS
COLLEGE FOR WOMEN, NAMAKKAL – 637 001**

DEPARTMENT OF CHEMISTRY

Staff Profile



Name : Dr.T.Sujeshwari

Position : Guest Lecturer

Department : Chemistry

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Office Location : N.K.R Govt.Arts College for Women,Namakkal

Education:

S.No	Degree	University	Year of Graduation:
1	Ph.D (Chemistry)	Periyar University	December 2023
2	M.Phil (Chemistry)	Periyar University	March 2014
3	M.Sc (Chemistry)	Periyar University	April 2011
4	B.Ed (Chemical science)	TamilNadu Teachers Education University	June 2009
5	B.Sc (Chemistry)	Periyar University	April 2008

Professional Experience:

Research Interests: co-ordination chemistry

Sno.	Year	Position Held	Institution	Responsibility
1	24.06.2014 to Till date	Guest Lecturer	N.K.R Govt.Arts College for Women, Namakkal.	Teaching UG & PG Students

Brief description of research areas and interests.

Publications

List of key publications, including books, journal articles, and conference papers.

LIST OF PUBLICATIONS

1.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Synthesis and Biological Studies of Schiff Base Metal(II) Complexes Derived from Isatin, International Journal of Life science and Pharma Research ISSN 2250-0480, Vol-13-ISSUE-1-Jan-2023.

2.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Design Synthesis, Chemical Nuclease Activity and Antibacterial Evaluation of Cu(II) Antibacterial Evaluation of Cu(II), Co(II), Ni(II) and Mn(II) Schiff Base Metal Complexes International Journal of Biology, Pharmacy and Allied sciences, 9(3);458-467, 2020.

3.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Biopotential Evaluation of Mononuclear Manganese (II) Complex of Newly Synthesized Schiff Base Ligand Derived From 4-Nitroaniline and O- Phthalaldehyde J. Exp. Zool. India Vol. 25, No. 2, pp. 1531-1536, ISSN: 0972-0030, 2022.

4.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Antioxidant, In-vitro Antibacterial and DNA-cleavage activities of Nickel (II) Complex derived from N, N'-(1, 2 Phenylenebis (Methanylylidene)) bis(4- Nitroaniline) Journal of Drug Delivery and Therapeutics Journal of Drug Delivery & Therapeutics.; 9(2-s):396-401, 2019.

5.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* DNA Cleavage, Antioxidant and Antibacterial Studies of Copper (II) Complex Derived From N, N'-(1, 2 Phenylenebis (Methanylylidene)) bis(4- Nitroaniline)) © 2019 JETIR, Volume 6, Issue 4 (ISSN-2349-5162), April 2019.

6.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Spectral Investigation and Biological Evaluation of Mononuclear of Mononuclear Manganese (II) Complex of a Newly Synthesized Schiff Base Ligand Derived From 4- Nitroaniline and O- Phthalaldehyde - International Journal of Advanced and Innovative Research (2278-7844) / Volume 8 Issue 4 ©2019

7. T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Effective Biopotential properties of novel Schiff base metal(II) complexes derived from (1-Methyl-4-nitro-benzene(2-imino-1,2-dihydro- indol-3- ylidene)-(4-nitro-phenyl)-amine) -European Journal of Molecular & Clinical Medicine Issn 2515-8260 Volume 07, Issue 05 , 2020

8.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* DNA Cleavage, Antioxidant and Antibacterial Activity studies of new Schiff base Co(II), Ni(II), Cu(II) and Mn(II) complexes derived from ophthalaldehyde -European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 07, Issue 10, 2020

9.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Enhanced DNA cleavage and biopotential properties of new Schiff base mixed-ligand Complexes of Co(II), Ni(II), Cu(II) and Mn(II) derived from Isatin Purakala (UGC Care Journal Vol-31-Issue-41, ISSN:0971-2143-May -2020.

10.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Biochemical Profiling and Biological Evaluation of Mononuclear Manganese (II) Complexes of a Newly Synthesized Schiff Base Ligand Derived From 4- Nitroaniline and O- Phthalaldehyde Journal of Xi'an University of Architecture & Technology Volume XIII, Issue 8, ISSN No : 1006-7930, 2021.

11.T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Synthesis, characterization and antibacterial activity of new Schiff base compound and its transition metal complexes Infokara Research Volume 11, Issue 8, ISSN NO: 1021-9056, 2022.

12. T. Sujeshwari 1, E. Akila 2 & *P. Maheswaran 3* Synthesis of Bioactive Mononuclear Copper (II), Nickel (II), Cobalt (II) and Manganese (II) Schiff Base Complexes Derived From Isatin: Antioxidant, Anti-Bacterial and Dna Cleavage Activities, International Journal of Pharmaceutical sciences and Research , IJPSR-2023, Vol:14(2),997-1003,E-ISSN:0975-8232;P-ISSN-2320-5148,Feb-2023.

PAPER PRESENTATIONS IN INTERNATIONAL / SOUVENIR E-BOOK

1. **T. Sujeshwari** Antioxidant, In-vitro Antibacterial and DNA – Cleavage Activities of Nickel(II) Complex derived from N,N-[1,2-Phenylenebis (Methanylylidene)]bis(4-Nitroaniline). On Virtual International Conference in Annamalai University 27 & 28 August – 2020.
2. **T. Sujeshwari** DNA Cleavage, Antioxidant and Ant Bacterial Studies of Copper(II) Complex Derived from N,N (1,2 phenylenebis (Methanylylidene) Bis(4-nitroaniline) , On Indo – UK International Virtual Conference in Alagappa University(India) & Brunel University (UK) 16th – 18th September -2020

PAPER PRESENTATIONS IN INTERNATIONAL / NATIONAL

CONFERENCES/ SEMINAR

1. **T. Sujeshwari** and P. Maheswaran, “ Design, Synthesis and Spectral Characterization of Nickel(II) complex derived from Schiff base ligand” One day State level Seminar on “Recent development in Chemistry and Nano Science” PG and Research department of Chemistry, Namakkal Kavignar Ramalingam Government Arts College for Women, Namakkal, 05 January 2018.
2. **T. Sujeshwari** and P. Maheswaran, “ Synthesis, Spectral, Antibacterial Screening and DNA Cleavage Studies of Cu(II) complex derived from 2,3-di(N-phenyl)iminoisatin”, International conference on “ Functional Materials for Bio-Energy, Green Technology and Environmental

Sustainability”, PG department of Physics and Chemistry, Trinity College for Women (Arts and Science), Namakkal, 8 August 2019.

INTERNATIONAL / NATIONAL CONFERENCE/ SEMINAR ATTENDED

1. **T.Sujeshwari** One day National Workshop on “Nanotechnology in Energy and Environment” held at the Department of Chemistry, Selvamm Arts and Science College (Autonomous), Namakkal, 22 December 2017.
2. **T.Sujeshwari** Workshop Enhancing best practices for National Assessment and Accreditation and National Ranking, held at the Department of Chemistry, Namakkal Kavignar Ramalingam Government Arts College for Women, Namakkal, 10 January 2018.
3. **T.Sujeshwari** One day Seminar on Interesting Structure and Efficient Catalysis, held at the Department of Chemistry, N.K.R Government Arts College for Women, Namakkal, 10 September 2018.

Awards and Honors : Nil

Courses Taught : Chemistry

Professional Memberships : Nil

Projects and Grants : Nil

Contact Information

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