

Name: J.Clara Jeyageetha,
Assistant Professor in Chemistry,
A.P.C.Mahalaxmi College for Women,
Thoothukudi.



E-mail: clarajeyageetha@gmail.com

Date of Joining: 02.06.2014

Education: M.Sc., M.Phil., Ph.D.,

Education & Credentials:

Degree	College/University	Year of Passing
B.Sc.,(Chemistry)	Kamaraj College, Tuticorin/M.S University, Tirunelveli.	1999
M.Sc., (Chemistry)	V.O.C College, Tuticorin / M.S University, Tirunelveli	2001
M.Phil., (Chemistry)	V.O.C College, Tuticorin / M.S University, Tirunelveli	2003
Ph.D., (Marine Chemistry)	W.C.C College, Nagercoil / M.S.University, Tirunelveli.	2016

M.Phil Thesis:

Title on “**Preparation and Characterization of Schiff’s base complexes of Mn(II) and Fe(II)**”, under the guidance of **Dr. R. Francis Nicholas Ashok**, Reader, Department of Chemistry, V.O.C College, Thoothukudi.

Ph.D :

Title on “**Study on the impact of fly ash in Marine Environment**”

Research Supervisor: **Dr.Sugirtha P.Kumar**, Associate professor, Department of Chemistry, Women’s Christian College, Nagercoil, Tamil Nadu.

Research Center: **Women’s Christian College**, Nagercoil, Tamil Nadu.

Seminars/Conferences/Work Shop Attended:

International Level

- ❖ International Seminar on “ **Materials Science & Technology**” in A.P.C Mahalaxmi College for Women, Tuticorin.
- ❖ International conference on **Recent Advancement in Information Technology, Science& Engineering** at A.P.C Mahalaxmi College for Women, Thoothukudi on 14th & 15th December 2017.
- ❖ International Seminar on “**Multidisciplinary Research in Chemistry**” in Sri Sarada College for Women, Tirunelveli.

National level

- ❖ Participated in the one day national seminar on “**Advanced development in Polymer Technology**” in Ultra Women’s College of Engg. & Tech., Madurai.
- ❖ Successfully participated in the one day National Seminar on “**Innovative Journey Towards Conservation of Environment**” organized by Department of Chemistry, Infant Jesus College of Engineering, Keelavallnadu, Thoothukudi on 27th September, 2012.
- ❖ Participated in the National Seminar on “**Current trends in Chemistry**” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 27th August, 2014. Sponsored by A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ❖ Participated in the Two day UGC Sponsored National Seminar on “ **Current Trends in Chemistry –CTC-15**” at A.P.C. Mahalaxmi College, Thoothukudi on 4th and 5th February, 2015.
- ❖ National Conference on “**Advanced Materials and Their Applications**” in PG & Research Department of Chemistry, V.O.C, Tuticorin.
- ❖ National Workshop on “**Empowering Youth for Employment-EYE**” Organized by Career Guidance & Placement cell, A.P.C Mahalaxmi College for Women, Tuticorin.
- ❖ National Seminar on “**Recent Developments in Chemistry (RDC 17)**” in Sadakathullah Appa College, Tirunelveli.

- ❖ National Conference on “**Demonetisation and Cashless Economy**” in A.P.C Mahalaxmi College for Women, Tuticorin in Association with SIRC of ICAI.
- ❖ Participated in the one Day regional workshop on “**Research Methodologies- Writing Research Articles**”**organized by IEEE of** Infant Jesus College of Engineering and Technology in association with IEEE Gold Affinity Group, Madras Section, Infant Jesus College of Engineering and Technology, Keelavallanadu, Thoothukudi, on October 7th, 2013.
- ❖ Workshop on “**Recent Advances in Chemistry (RAC-2016)**” – Science Academies of India, in V.O.C College, Tuticorin.
- ❖ International Conference on “Recent Advancements in information technology Science and Engineering” Conducted by Department of Computer Science, A.P.C Mahalaxmi College for Women, Thoothukudi. (2017)
- ❖ International Seminar on Materials Science & Technology “ in A.P.C Mahalaxmi College for Women, Thoothukudi.

State Level

- ❖ Participated in the One day State level seminar on “E-Commerce security challenges and solutions” at A.P.C Mahalaxmi College, Thoothukudi. on 16th October 2017

Regional level

- ❖ Participated in the one day regional seminar on “Energy Conservation” by Tuticorin Alkali Limited, Thoothukudi.

Paper Publications

- ❖ **J. Clara Jeyageetha* and Sugirtha P. Kumar**, Study of physico-chemical parameters of sea water in Tuticorin Coastal area and assessing their Quality, Tamil Nadu, India, Journal of Chemical and Pharmaceutical Research, 2015, 7(5):1298-1304
- ❖ **Clara Jeyageetha J * and Sugirtha P. Kumar**, Trace metals and Environmental Impact of Fly ash on Marine sediment in Tuticorin Coastal area, Tuticorin, Tamil Nadu, India, Research Journal of Chemical Sciences, Vol. **5(6)**, 15-19, June (**2015**)

- ❖ **Clara Jeyageetha J ***, **Sugirtha P. Kumar**, Evaluation of Physico-Chemical Variations of Marine Sediments in Ash Slurry Discharge Point of Tuticorin Thermal Power Plant in India, Journal of Advanced Chemical Sciences 1(4) (2015) 142–145.

- ❖ Sugirtha P. Kumar and J. Clara Jeyageetha* **“Evaluation of Trace Metal Concentrations in Tuticorin Coastal Water near Thermal Power Plant”** International Journal of Science and Research , Volume 5 Issue 6, June 2016

- ❖ J. Clara Jeyageetha* and Sugirtha P. Kumar , **“Chemical Changes Of Fly Ash In Contact With Seawater And Their Impact On Marine Environment”** International Journal of Recent Scientific Research , Vol. 7, Issue, 7, pp. 12502-12505, July, 2016

- ❖ J. Clara Jeyageetha* and Sugirtha P. Kumar **“Study of SEM/EDXS and FTIR for Fly Ash to Determine the Chemical Changes of Ash in Marine Environment”** International Journal of Science and Research Volume 5 Issue 7, July 2016

- ❖ Clara Jeyageetha J.*, Sankaragomathi V., Bharathi M., Muthumari R and Siji Priya P **“Utilization Of Fly Ash: Synthesis, Spectral, Thermal Studies Of Pani-Fa Matrix Composites”**, International Journal of Recent Scientific Research Vol. 7, Issue, 11, pp. 14466-14472, November, 2016

- ❖ J. Clara Jeyageetha* and Sugirtha P. Kumar , **“Study of Oil and Grease pollution near Thermal power plant”**, Tuticorin, Tamil Nadu, India” Journal of Chemical and Pharmaceutical Research, 2016, 8(7):1-5

- ❖ Clara Jeyageetha J*., Sankaragomathi V and Bharathi M **“Electrochemical Characterization And The Investigation Of Corrosion Inhibition Property Of Pani-FA Matrix Composite** “International Journal of Recent Scientific Research, Vol. 8, Issue, 3, pp. 15813-15817, March, 2017.

- ❖ 10. A.Rajalaxshmi and J.Clara Jeyageetha * **“Green Syntheses And Characterization Of Zinc Oxide And Cerium Ion Doped Zinc Oxide Nanoparticles Assisted By Mangifera Indica”** European Journal Of Pharmaceutical And Medical Research, July 2017,4(8), 712-717

- ❖ 11.J.Jeyapratha, J.Clara Jeyageetha* **Antibacterial and Antifungal Activities of Al-Zn-Cu Mixed Oxides”** International Journal of Science and Managemant, vol 2, Issue 12, December 2017.

- ❖ *J.Clara Jeyageetha, M.Gomugeetha and C.Stella packiam “ Electrochemical Characterization and Thermal Studies of Honey Biogenic Zinc oxide Nanoparticles, Vol 5, Issue 11, 209-217

Proceedings

- 1) Abstract entitled “**Synthesis and characterization of some New Schiff base complexes of Mn (II) and Fe(II)** in UGC sponsored National Seminar on Current trends in Chemistry CTC-15 Conducted by Dept. of Chemistry A.P.C Mahalaxmi College for Women, Thoothukudi.
- 2) Abstract entitled “Physical, Chemical, Mineralogical Properties and heavy metals in Fly ash” in UGC sponsored National Seminar on Current trends in Chemistry CTC-15 Conducted by Dept. of Chemistry A.P.C Mahalaxmi College for Women, Thoothukudi.
- 3) Abstract entitled “**Green synthesis, characterization and application of Zinc oxide, Cerium ion doped Zinc oxide and Molybdenum ion doped Zinc oxide nanoparticles assisted by *mangifera indica***” in National Conference on “**Advanced Materials and Their Applications**” in PG & Research Department of Chemistry, V.O.C, Tuticorin.
- 4). Full paper entitled “**Comparative study of characteristics of fly ashes from Tuticorin Thermal power plant, Tamil Nadu, India**” in International seminar on Multidisciplinary Research in Chemistry conducted by Rasayan Vigyaan Forum, Dept. of Chemistry, Sri Sarada College for women, Tirunelveli **ISBN 978-81-933821-1-0**
- 5) Abstract entitled “**Antibacterial and antifungal activities of Al-Zn-Cu mixed oxide Nanoparticles**” in International Conference on recent Advancements in information technology Science and Engineering conducted by Department of Computer Science, A.P.C Mahalaxmi College for women in Association with IFERP **ISBN: 97881-935941-0-0**

Paper presented

1. Paper presented on “ **Comparative study of characteristics of fly ashes from Tuticorin Thermal power plant, Tamil Nadu, India**” in International seminar on Multidisciplinary Research in Chemistry conducted by Rasayan Vigyaan Forum, Dept. of Chemistry, Sri Sarada College for women, Tirunelveli.

2. Paper presented on “**Antibacterial and antifungal activities of Al-Zn-Cu mixed oxide Nanoparticles**” in International Conference on recent Advancements in information technology Science and Engineering conducted by Department of Computer Science, A.P.C Mahalaxmi College for women in Association with IFERP.

Served in Organizing Committee:

- 1) National seminar on “**Current Trends In Chemistry**” conducted by Dept. of Chemistry, A.P.C Mahalaxmi College for Women, Tuticorin
- 2) National Seminar on “**Current Trends In Chemistry –CTC 15**” conducted by Dept. of Chemistry A.P.C Mahalaxmi College for Women, Tuticorin , Sponsored by UGC.
- 3) National Workshop on “ **Empowering Youth For Employment-EYE**” Organized by Career Guidance & Placement cell, A.P.C Mahalaxmi College for Women, Tuticorin.
- 4) International Seminar on “**Materials Science & Technology**” in A.P.C Mahalaxmi College for Women, Tuticorin.

Other Activities

- ❖ Member of IQAC
- ❖ Member of MIC-INCUBATION CENTRE, A.P.C.Mahalaxmi College for Women, Thoothukudi.