

## PROFILE

**Name:** J.ANGELIN THANGAKANI

**Designation:** Asst.Professor

**Department:** Chemistry (SF)

**Date of Joining:** 20/11/2019

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### Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Ph.D.,	Chemistry	GTN College of Arts & Science , Dindigul Madurai Kamaraj University.	2018
M.Sc.,	Chemistry	Sarah Tucker College , Tirunelveli	2003
B.Ed.,	Science	Rev.John Thomas College of Education, Meignanapuram	2001
B.Sc.,	Chemistry	Sarah Tucker College , Tirunelveli	2000
H.S.S	Bio-Maths	Sarah Tucker Hr.Sec.School , Tirunelveli	1997
S.S.L.C		Fatima Girls High School , Vallioor	1995

**Specialisation in Teaching: Organic & Physical Chemistry**

**Specialisation in Research: Electrochemistry , Corrosion**

**Research Interests: Nano particle, material science**

**Other Work Experience:**

<b>Designation</b>	<b>Institution / Company</b>	<b>Year - From (month/year) To (month/year)</b>
<b>PG.Asst.,</b>	<b>CEOA Matric.Hr.Sec.School</b>	<b>June -2005 to March-2019</b>
<b>PG.Asst.,</b>	<b>Noyes Matric. Hr.Sec.School</b>	<b>June-2003 to March-2005</b>

**Administrative /Academic Position/s (held / currently holding):**

<b>Positions held / currently holding</b>	<b>Year - From (month/year) To month/year)</b>
<b>PG.Asst.,</b>	<b>June 2003 to March 2019</b>
<b>Asst.Professor</b>	<b>November 2019 to till</b>

**Membership in Professional Bodies: NIL****Publications:****Books**

<b>Year</b>	<b>Title</b>	<b>Publisher</b>	<b>Co-author</b>
2017	Quantum Chemical Parameters and Corrosion Inhibition Efficiency	Lambert Academic Publishing	Susai Rajendran

## Articles Published in International Journals:

### PUBLICATIONS IN JOURNALS

S.No.	Year of Publication	Title	Journal with ISBN
1.	2012	Inhibition of Corrosion of Carbon Steel in Sea Water by Sodium Molybdate –Zn <sup>2+</sup> system.	Eur. Chem. Bull 1(12), 503 – 510
2.	2012	Tryptophan as corrosion Inhibitor for carbon steel in sea water	Journal of Chemical Biological and Physical Science Aug-Oct Vol. 2 No.4 2223 – 2231
3.	2012	Nanoparticles Dispersed in Water Based Nano Fluids	Elixir Nanotechnology, 50, 10552 – 10555
4.	2013	Corrosion Inhibition by Tryptophan –Zn <sup>2+</sup> System for Carbon Steel in Sea Water.	Eur. Chem. Bull 2(6), 355-360
5.	2013	Polarization Study of Corrosion Inhibition by Glycine –Zn <sup>2+</sup> System	Eur. Chem. Bull. 1(5), 265 – 271
6.	2014	Inhibition of Corrosion of Carbon Steel in Aqueous Solution Containing Low Chloride ION by Glycine –Zn <sup>2+</sup> System	Int. J. Nano Corr. Sci. Eng. 1(1), 50-62
7.	2015	Corrosion Inhibition By Amono Acids – A Birds Eye view	Int. J. Nano Corr. Sci. Eng 2(2), 7-17.

8.	2015	Inhibition of Corrosion of Carbon Steel in Well water by L-serine –Zn <sup>2+</sup> System	Journal of Chemical and Pharmaceutical Research 7(105), 35-46
9.	2015	Inhibition of Corrosion of Carbon Steel in Well Water by L-Cysteine – Zn <sup>2+</sup> System.	Int. J. Nano Corr. Sci. Eng. 2(5), 458-471
10.	2016	Inhibition of Corrosion of Carbon Steel in Well water by L-Lysine –Zn <sup>2+</sup> System	American Journal of Engineering Research 5(8), 173 – 185
11.	2016	Correlation Between Quantum Chemical Parameters of Amino Acid Inhibitors and Their Corrosion Inhibition Efficiencies	Int. J. Nano.Corr. Sci. Eng. 3(4), 1-28

**Conference / Seminar Presentations:**

S.No.	Date	Title	Venue
1.	17.04.2015	Inhibition of Corrosion of Carbon Steel in Well Water By L-Valine – Zn <sup>2+</sup> System.	Corrosion Awareness Day 2015 (CAD 15) at The Gandhigram Rural Institute – deemed University, Gandhigram.
2.	17.12.2015	Inhibition of Corrosion of Carbon Steel in Well Water By L-Cysteine – Zn <sup>2+</sup> System (Polarization Study)	International Conference on Chemical and Environmental Research (ICCER 2015) at Jamal Mohamed College, Tiruchirappalli.

3.	3.2.2016	Inhibition of Corrosion of Carbon Steel in Well Water by L-Serine –Zn <sup>2+</sup> System.	National Conference on 'TOPICAL DRIFTS IN NANO SCIENCE AND ENVIRONMENTAL SCIENCE' at Nadar Saraswathi College of Arts and Science, Theni.
4.	20.08.2016	Inhibition of Corrosion of Carbon Steel in Well Water by L-Cysteine – Zn <sup>2+</sup> System (AFM, SEM, EDAX)	National Conference on Research Advances in Material Science and Applications (Ramsa'16) at Bharathidasan Institute of Technology, Tiruchirappalli.
5.	07.10.2016	Correlation Between Quantum Chemical Parameters of Amino Acid Inhibitors.	National Seminar on New Perspectives in Science and Technology (NPST-2016) at St. Antony's College of Arts and Science for Women, Dindigul.
6.	17.12.16	Inhibition of Corrosion of Carbon Steel in Well Water by L-Tyrosine – Zn <sup>2+</sup> System	National Conference on Computational and Experimental Physics of functional Materials at K.S.R. College of Arts and Science for Women, Tiruchengode.
7.	26.05.17	Correlation Between Quantum Chemical Parameter of L-Valine and L-Serine and Their Corrosion Inhibition Efficiencies	1 <sup>st</sup> National Conference on Recent Advances in materials Science & Nano Technology at AMET University, Chennai.

**Lectures / Talks given: NIL**

**Awards / Fellowships: NIL**

**Doctoral Students NIL**

**UGC Sponsored Major Projects: NIL**

**UGC Sponsored Minor Projects: NIL**

**Overseas Academic Visits: NIL**

**Other Activities / Academic Credentials: NIL**