



## **Dr.P.Yokeswari Nithya**

Assistant Professor,

Department of Chemistry,

A.P.C.Mahalaxmi College for Women, Thoothukudi

**Email:** [yokeswarinihthya@gmail.com](mailto:yokeswarinihthya@gmail.com)

**Date of Joining** : 01.02.2013

**Education** : M.Sc, M.Phil.,Ph.D.,B.A(Hindi),Dip (Hindi).

**Specialization** : Phyto Chemistry

## **Education & Credentials**

<b>Degree</b>	<b>College / University</b>	<b>Specialization</b>	<b>Year</b>
<b>Ph.D</b>	Manonmaniam Sundaranar University, Tirunelveli	Phyto Chemistry	2017
<b>M.Phil</b>	Adhitanar College of Arts and science, Tiruchendur	Chemistry	2009
<b>M.Sc</b>	V.O.C.College, Thoothukudi	Chemistry	2007
<b>B.Sc</b>	A.P. C. Mahalaxmi college for women, Thoothukudi	Chemistry	2005

## **Conferences / Seminars / Workshops Attended**

- National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 7<sup>th</sup> August, 2013. Sponsored by A.P.C. Mahalaxmi College for Women, Thoothukudi.
- National Seminar on “Marine Conservation” at A.P.C.Mahalaxmi College, Thoothukudi on 18<sup>th</sup> September, 2013. A.P.C. Mahalaxmi College for Women, Thoothukudi.

- National Conference on “Modern trends in Science & Communication” at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014. Sponsored by Department of Science & Humanities, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur.

### **National Level**

- ✚ National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 7<sup>th</sup> August, 2013. Sponsored by A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Seminar on “Emerging Trends in Graph Theory and Fuzzy Mathematics” at A.P.C. Mahalaxmi College, Thoothukudi on 6<sup>th</sup> September, 2013. A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Seminar on “Marine Conservation” at A.P.C. Mahalaxmi College, Thoothukudi on 18<sup>th</sup> September, 2013. A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Conference on “Modern trends in Science & Communication” at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014. Sponsored by Department of Science & Humanities, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur.
- ✚ National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 27<sup>th</sup> August, 2014.
- ✚ UGC Sponsored National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 4<sup>th</sup> & 5<sup>th</sup> February 2015.
- ✚ UGC Sponsored National Seminar on “Plant genetic resources: utilization and conservation” at V.O.C College, Thoothukudi on 12<sup>th</sup> & 13<sup>th</sup> February 2015.
- ✚ Colloquium on “Department of Atomic Energy in the services of Society” held on 6<sup>th</sup> April 2015 organized by Heavy Water Plant, Thoothukudi.
- ✚ Science academics of India IASc, INSA & NASI sponsored lecture workshop on Recent Advances in chemistry (RAC-2016) organized by VOC college Thoothukudi on 26<sup>th</sup> and 27<sup>th</sup> February 2016
- ✚ National Seminar , Department of Zoology A.P.C. Mahalaxmi College for Women, Thoothukudi on 23<sup>rd</sup> August, 2016.
- ✚ National Seminar on University VOC college of Engineering, Thoothukudi on 24<sup>th</sup> February, 2017.

- ✚ National Seminar, Department of Maths, A.P.C. Mahalaxmi College for Women, Thoothukudi on 28<sup>th</sup> February, 2017.

## **Theses / Dissertations**

**Title:** “Evaluation of Phytochemical Profile and Pharmacological activities of *Catharanthus pusillus*(MURR.) G Don.( Apocynaceae)” under the guidance of Dr. Mary Jelastin Kala, Associate Professor, Department of Chemistry, St. Xaviers College, Palayamkottai, Tirunelveli. and Co -guide Dr. V. R. Mohan, Associate Professor, Department of Botany V.O.C. College, Thoothukudi.

**M.Phil Thesis:** “Synthesis, Potentiometric studies of Schiff base ligands derived from sulphaguanidine, 5- bromosalicylaldehyde and biological evaluation of the metal complexes of some drug substances" under the guidance of Dr.P.K.Ganesan, Associate Professor, Department of PG Chemistry, Aditanar College of Arts and Science, Tiruchendur.

### **Project**

**Completed UGC funded minor research project entitled “Bioactive potential of *Catharanthus pusillus* G. DON (APOCYANACEAE) – an Ethnomedicinal Plant”.**

## **Papers Presented in Conferences / Seminars**

### **International Level**

- ✚ International Conference at Department of Chemistry, St. Xavier’s college tirunelveli in “Recent advances in materials and its applications on 16<sup>th</sup> December 2015.
- ✚ International Seminar on “New vistas in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 28<sup>th</sup>December, 2017.
- ✚ 2<sup>nd</sup> International Seminar on “Materials science and Technology” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 23<sup>rd</sup> February, 2018.
- ✚ Participated and Paper presented entitled “Synthesis, Characterization and Electrochemical behaviour of Metal Oxide Nanoparticles from *Cressa Cretica* Whole Plant” in International conference on Advanced Materials and their

Applications(ICAMA) held at Department of Chemistry, V.O.Chidambaram ,Thoothukudi on 27<sup>th</sup> December,2018.

- ✚ Participated and Paper presented entitled “Synthesis, Characterization Schiff Base ligands & its metal complexes” in International conference on Advanced Materials and their Applications(ICAMA) held at Department of Chemistry, V.O.Chidambaram ,Thoothukudi on 27<sup>th</sup> December,2018

### **National Level**

- ✚ National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 7<sup>th</sup> August, 2013. Sponsored by A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Seminar on “Emerging Trends in Graph Theory and Fuzzy Mathematics” at A.P.C.Mahalaxmi College,Thoothukudi on 6<sup>th</sup> September, 2013. A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Seminar on “Marine Conservation” at A.P.C.Mahalaxmi College,Thoothukudi on 18<sup>th</sup> September, 2013. A.P.C. Mahalaxmi College for Women, Thoothukudi.
- ✚ National Conference on “Modern trends in Science & Communication” at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014. Sponsored by Department of Science & Humanities, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur.
- ✚ National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 27<sup>th</sup> August, 2014.
- ✚ UGC Sponsored National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 4<sup>th</sup> & 5<sup>th</sup> February 2015.
- ✚ UGC Sponsored National Seminar on “Plant genetic resources: utilization and conservation” at V.O.C College, Thoothukudi on 12<sup>th</sup> & 13<sup>th</sup> February 2015.
- ✚ Science academics of India IASc, INSA & NASI sponsored lecture workshop on Recent Advances in chemistry (RAC-2016) organized by VOC college Thoothukudi on 26<sup>th</sup> and 27<sup>th</sup> February 2016.

- ✚ Participated in the One day State level seminar on “E-Commerce security challenges and solutions” at A.P.C Mahalaxmi College, Thoothukudi. on 16<sup>th</sup> October 2017.
- ✚ Poster for “The Acid Sea” in National Seminar on “Marine Conservation” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 18<sup>th</sup> May 2013.
- ✚ “Preliminary chemical screening of *Naringi craenulata* in National Conference on “ Modern trends in Science & Communication” Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014.
- ✚ Presented a paper on “Hepatoprotective activity of *Sonerila tinneveli* Fischer(Melastomataceae) ”in a national seminar on “Recent Developments in Chemistry (RDC’ 14)”at Sadakathullah appa college, Tirunelveli on 20.8.2014.
- ✚ Presented a paper on Antiinflammatory activity of *Catharanthus pusillus*(Murr.)G.Don (Apocynaceae ) in an international seminar on “” at St.Xavier’s College,Palayamkottai, Tirunelveli .
- ✚ Presented a paper on preparation and photocatalytic activity of Zinc oxide nanoparticles assisted by *Cressa critica* in international seminar on “IFERP” organized by the department of Computerscience ” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 14<sup>th</sup>&15<sup>th</sup> December 2017.
- ✚ Presented a paper on Synthesis and characterization of iron oxide nanoparticles from *Catharanthus pusillus*(Murr.) G.Don(Apocynaceae) plant extract in International conference on recent trends in multi disciplinary research organized by V.O.Chidambaram College on 19 th & 20<sup>th</sup> April,2018.

## Workshop

- ❖ Workshop on “Recent Advances in Chemistry (RAC-2016)” – Science Academies of India, in V.O.C College, Tuticorin.
- ❖ Workshop on “Current Innovations & Development in Life Science” organized by the Department of Zoology at APC Mahalaxmi College for Women, Thoothukudi on 14 & 15<sup>th</sup> March 2018.

- ❖ Workshop on “save chemicals save environments” organized by the Department of Chemistry at APC Mahalaxmi College for Women, Thoothukudi on 19<sup>th</sup> Sep 2018.

## Proceedings

- ✚ “Preliminary chemical screening of *Naringi craenulata*” in National Conference on “Modern trends in Science & Communication” Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014.
- ✚ In vitro antioxidant potential of Ethanol Extract of *Pedaliium murex* ( Pedaliaceae) in UGC sponsored National Seminar on “ Plant genetics resources: Utilization and conservation” at V.O.C.college , Thoothukudi 12<sup>th</sup> and 13<sup>th</sup> February 2015.
- ✚ In vitro antioxidant potential of Ethanol Extract of *Cressa cretica* L. (Convolvulaceae) ) in UGC sponsored National Seminar on “Current trends in Chemistry-CTC-2015” at at A.P.C. Mahalaxmi College for Women, Thoothukudi on 4<sup>th</sup> and 5<sup>th</sup> February 2015.
- ✚ Phytochemical investigation of *Pedaliium murex* ( Pedaliaceae) in international seminar on “IFERP” organized by the department of Computerscience at A.P.C. Mahalaxmi College for Women, Thoothukudi on 14<sup>th</sup> & 15<sup>th</sup> December 2017.
- ✚ Quantitative determination of essential trace element content in the leaf and bark of medicinal plant *Naringi crenulata* in international seminar on “IFERP” organized by the department of Computerscience ” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 14<sup>th</sup>&15<sup>th</sup> December 2017.
- ✚ Preparation and photocatalytic activity of Zinc oxide nanoparticles assisted by *Cressa critica* in international seminar on “IFERP” organized by the department of Computerscience ” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 14<sup>th</sup>&15<sup>th</sup> December 2017.
- ✚ Synthesis and characterization of iron oxide nanoparticles from *Catharanthus pusillus*(Murr.) G.Don(Apocynaceae) plant extract in International conference on recent trends in multi disciplinary research organized by V.O.Chidambaram College on 19<sup>th</sup> & 20<sup>th</sup> April,2018.
- ✚ Preparation and Photocatalytic activity of zinc oxide nanoparticles assisted by *Cressa critica* in International conference on Recent Advancement in Information Technology,Science& Engineering at APC Mahalaxmi College for Women, Thoothukudi on 14 & 15<sup>th</sup> December 2017.

## Paper Publications

- Anti inflammatory activity of whole plant of *Sonerila tinneveli* Fischer (Melastomataceae) . International journal of Pharmacological research Volume 3 Issue 4 (2013) 74-76.
- Anti inflammatory activity of whole plant of *Asystasia travancorica* Bedd (Melastomataceae). *International Journal of Biomedical And Advance Research* 155-156
- Evaluation of total phenolic, flavonoid contents and in vitro antioxidant properties of *Sonerila tinneveli* Fischer (Melastomataceae) World journal of Pharmacy and Pharmaceutical sciences Volume 3 , issue-6 2115-2127.
- Evaluation of hepatoprotective and antioxidant activity of *Sonerila tinneveli* Fischer (Melastomataceae) whole plant – CCl<sub>4</sub> induced hepatotoxicity in rats, International Journal of Advances in Pharmacy, Biology and Chemistry, Volume 3(3), July – September, 2014.
- P.Y.Nithya , S.M.Jelastin Kala and V. R. Mohan .2016. Evaluation of total phenolics, flavonoid contents and *in-vitro* antioxidant properties of *Catharanthus pusillus* (Apocynaceae) International Journal of Pharmaceutical Sciences and Research, 7(7): 3021-3027.
- Yokeswari Nithya, P Mary Jelastin Kala, S Mohan, V.R . 2016. Isolation, Purification and Characterization of (*R*)- Petranine from *Catharanthus pusillus*(Murr.) G.Don(Apocynaceae) International Journal of Science and Research, 5 (7), 1040-1044.
- Mohan V R, Yokeswari Nithya, P Mary Jelastin, Kala S. 2016.Anti-inflammatory Activity of Whole Plant of *Catharanthus pusillus* (Apocynaceae) International Journal of Toxicological and Pharmacological Research . 8(3); 194-196.
- Yokeswari Nithya, P Mary Jelastin, Kala, Mohan V R 2018.Assesment of Bioactive constituents by GCMS of *Catharanthus pusillus*(Murr.) G.Don(Apocynaceae).International journal of creative research and thoughts.6(3).604-612.

- Yokeswari Nithya, P Mary Jelastin, Kala, Mohan V R 2018. Isolation, Purification and Characterization of 3-B-acetyl oleanolic acid from *Catharanthus pusillus*(Murr.) G.Don(Apocynaceae).The Saudi journal of life sciences.3(3) 243-247.
- Kalaiarasi.S, Gurulakshmi.P Yokeswari Nithya.P,2017. Synthesis, Characterization and application of metal oxide nanoparticles from *Cressa Cretica* whole plant.International journal of science ,Engineering and Management.Volume2,Issue 12 ,281-285.
- Ananthi P , Yokeswari Nithya P, Mary Jelastin, Kala S, Pharmacological & photocatalytic degradation studies of synthesized silver nanoparticles using *Trimfetta rotundifolia* Plant extract.2019. Journal of Emerging Technologies Research.volume 6 ,issue 3,30-37..
- Yokeswari Nithya P, Ananthi P, Shanmuga Priya D,2019, Synthesis, Characterization & biological activities of Schiff Base ligands & its metal complexes. International Journal of advance scientific research and management, Special issue 4, 77-81.

## Other Activities:

- ✚ Student Council Incharge.