



**Dr.H. Kohila Subathra Christy,**

Head & Assistant Professor,

Department of Chemistry,

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

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

**Date of Joining** : 27.12.2006

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

**Specialization** : Inorganic Chemistry

**Education & Credentials**

Degree	College / University	Specialization	Year
<b>Ph.D</b>	Manonmaniam Sundaranar University, Tirunelveli	Natural product Chemistry	2019
<b>M.Phil</b>	V.O. C. College, Thoothukudi	In Organic Chemistry	2003
<b>M.Sc</b>	V.O.C college, Thoothukudi	Chemistry	2001
<b>B.Sc</b>	A.P. C. Mahalaxmi college for women, Thoothukudi	Chemistry	1999

**Seminars/Workshops organized**

- Organized and acted as Co-ordinator for the District level Inter School Competitions and Science Expo, in connection with “MAHAFEST” on 10<sup>th</sup> January 2014.

- Organized and acted as Convener for the International Seminar on “Materials Science and Technology” at A.P.C Mahalaxmi College for Women, Thoothukudi on 28<sup>th</sup> December 2016.
- Organized and acted as Convener for the International Seminar on “Materials Science and Technology” at A.P.C Mahalaxmi College for Women, Thoothukudi on 23<sup>rd</sup> February 2018.
- Organized and acted as Convener for the International Conference on “Recent Trends in Multi-Disciplinary Research (ICRTMDR - 18)” at A.P.C Mahalaxmi College for Women, Thoothukudi on 20<sup>th</sup> and 21<sup>st</sup> December 2018.
- Organized and acted as Convener for the International Seminar on “Materials Science and Technology” at A.P.C Mahalaxmi College for Women, Thoothukudi on 23<sup>rd</sup> February 2018.
- Organized and acted as Convener for the State level Workshop on “Save Chemicals and save Environment” at A.P.C Mahalaxmi College for Women, Thoothukudi on 20<sup>th</sup> and 21<sup>st</sup> December 2018.

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

### **International Level**

- ❖ International Conference on “Drug design and development” organized by the Department of Chemistry, Nadar Saraswathi College of Arts and Science, Theni, on 21.01.11.
- ❖ Second International Conference of KAAS 2013 on September 20 – 21 2013. Sponsored by Kanniyakumari academy of arts and Sciences and Sree Ayyappa College for Women, Chunkankadaai, Kanniyakumari District, Tamilnadu.
- ❖ 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 Conference on “Recent Trends in Multi-Disciplinary Research (ICRTMDR - 18)” at V.O.Chidambaram College, Thoothukudi on 18<sup>th</sup> and 19<sup>th</sup> April 2018.

- International Conference on “Women Empowerment – Gender Justice” organized by the Department of Commerce in Collaboration with Rotary Club of Spic Nagar, A.P.C Mahalaxmi College for Women, Thoothukudi on 20 and 21<sup>st</sup> August 2019.

### **National Level**

- Participated in the one day National seminar on “Recent advances in chemical science and technologies” held at Women’s Christian College, Nagercoil on October 10, 2009.
- Participated in the National Symposium on “Standardisation of crude drugs” organized by the Department of Pharmaceutical Chemistry, M.S. University, Tirunelveli on 23<sup>rd</sup> Dec.2009.
- Participated in the one day National workshop on “Information Security” on 28<sup>th</sup> Sep.2010 at APC Mahalaxmi College, Thoothukudi.
- Participated in the one day National seminar on “Impact of Chemistry on Environment and Nanomaterials” at Sarah Tucker College, Tirunelveli on 15<sup>th</sup> Oct.2010.
- Participated in the one day National seminar on “Green Energy and Material Science” at St.Mary’s College, Thoothukudi on 11<sup>th</sup> Dec.2010.
- Participated in the National Seminar on “Emerging trends in Chemistry” at APC Mahalaxmi College, Thoothukudi on 19<sup>th</sup> Sep.2011.
- Participated in Eighth All India Conference of KAAS on October 6 – 2012. Jointly Organized by Kanniyakumari academy of arts of Sciences and Sree Ayyappa College for Women, Chunkankadai, Kanniyakumari District, Tamilnadu.
- Participated in the one day National Symposium on “Nanoscience” at St.Mary’s College, Thoothukudi on 29.11.2012.
- Participated in the one day National workshop on “Radiochemistry” on 21<sup>st</sup> Dec.2012 at APC Mahalaxmi College, Thoothukudi.
- Participated in the National Conference on “Emerging trends in Chemistry” at The M.D.T. Hindu College, Tirunelveli on 8<sup>th</sup> and 9<sup>th</sup> Mar.2013.
- Participated and Presented a Poster on “Vitamin – C in some selected simple ascidians” in the one day National Seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 7<sup>th</sup> August, 2013.

- Participated and Presented a Poster on “The Acid Sea” in National Seminar on “Marine Conservation” at A.P.C. Mahalaxmi College for Women, thoothukudi on 18<sup>th</sup> September 2013.
- Participated and Presented a paper on “Spectrophotometric studies of a simple ascidian Phallusia arabica Savigny” in a national seminar on “Green Chemistry: Perspectives and Challenges (GCPC)” at Popes College, Sawyerpuram on 25.2.2014.
- Participated in a national conference on “Demonitisation and Cashless Economy” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 2<sup>nd</sup> March, 2017.
- Participated in a national conference on “Mathematics and its Application Scenario in 21<sup>st</sup> Century” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 28<sup>th</sup> February, 2017.
- Participated in a national conference on “Marine Resources:Utilization ,Exploitation And Conservation” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 23<sup>rd</sup> August , 2017.
- Participated in a national seminar on “Discussions,Interactions And Literature On Gender Studies-Dialogs” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 6th July , 2017.
- Participated in a national seminar on “Resource Forum and Department of Library” at St.Marys’ College for Women, Thoothukudi on 9<sup>th</sup> December, 2017.
- National seminar on Women: empower to lead, Department of commerce, A.P.C Mahalaxmi College for women, thoothukudi on 07<sup>th</sup> February 2018.
- National symposium on Effect of climate change, habitat alteration and pollution on freshwater and coastal ecosystem, Department of Zoology, A.P.C Mahalaxmi College for women, thoothukudi on 1<sup>st</sup> & 2<sup>nd</sup> February 2018.

#### **State Level**

- Participated in the State level Seminar on “Modern trends in Chemistry” at APC Mahalaxmi College, Thoothukudi on 29<sup>th</sup> July.2005.
- Participated in the one day State level workshop on “Workshop on Microscale Experiments in Chemistry” Organized by the Department of Chemistry, M.S. University, Tirunelveli and the Department of Chemistry, V.O.C College on 13-15 July 2006.

- Participated in the State level workshop on “Nurturing the Spirit of Research among Undergraduate Students” Sponsored by TNSCST, Chennai, NCSTC, NewDelhi and the Management and Organized by the Department of Zoology, on 27<sup>th</sup> January, 2011 at A.P.C Mahalaxmi College, Thoothukudi.
- 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.
- Participated in the Workshop on “Scholarly writing and Publishing Research Papers” at V.O.C. College, Thoothukudi. on 2<sup>nd</sup> February 2019.

### **Regional Level**

- Participated in the one day regional seminar on “Environmental Studies” at A.P.C.Mahalaxmi College,Thoothukudi on 23<sup>rd</sup> July 2004
- Acted as Co-organiser in the Inservice Training Programme for High School Teachers on Effective Teaching of Science on 27&28 January 2005.
- Participated in the one day workshop on Safety, Health and Environment held on 19.02.2009 at Heavy water Plant, Thoothukudi.
- Participated in a two day skill-based training program on “e- LITERACY” conducted by ICT Academy of TamilNadu at APC Mahalaxmi College, Thoothukudi on 10<sup>th</sup> and 11<sup>th</sup> Sep. 2011.

### **Project:**

Completed UGC funded minor research project entitled “Studies on toxicity anti-inflammatory, analgesic, antipyretic, anaesthetic and wound healing activities of *Phallusia arabica*”

## **Thesis / Dissertations**

### **Ph.D**

**Title: “Studies on chemical and pharmacological potential of some selected ascidians”**  
under the guidance of Dr. R. Jothibai Margret, Associate Professor, Department of Chemistry, Pope’s College, Sawyerpuram, Thoothukudi and co-guide Dr. V. K. Meenakshi, Associate Professor, Department of Zoology, A.P. C. Mahalaxmi College for Women, Thoothukudi.

## **M.Phil**

**Title: “Synthesis and structure of some novel nickel II mixed ligand complexes with thiourea as primary ligand”** under the guidance of Dr. R. Francis Nicholas Ashok, Reader, Department of Chemistry, V.O.C College, Thoothukudi.

## **Academic positions:**

1. External Examiner for the University practical examinations both for Allied and Major Chemistry in various colleges affiliated to Manonmaniam Sundaranar University.
2. External Examiner for project viva voce examinations
3. Additional Examiner for paper valuation.

## **Orientation and Refresher Programmes Attended**

1. Orientation programme from 16.02.2010 to 15.03.2010 conducted by the UGC-academic staff college, Madurai Kamaraj University.
2. UGC Sponsored Refresher course in “Current Trends in Chemistry” conducted by the UGC-academic staff college, Madurai Kamaraj University from 12.07.2012 to 1.8.2012.
3. UGC Sponsored Refresher course in “Basic Sciences” conducted by the UGC-academic staff college, Madurai Kamaraj University from 2.11.2016 to 22.11.2016.
4. NSS Orientation programme from 05.09.2017 to 11.09.2017 conducted by the Avinasalingam University, Coimbatore.

## **Resource Person**

- Acted as the Co-organiser in the inservice training programme for high school teachers on Effective teaching of Science at A.P.C.Mahalaxmi College on 27.01.2005 and 28.01.2005.
- Acted as Judge for State level Science exhibition on 30<sup>th</sup> December, 2016 organized by V.O.Chidambaram College, Thoothukudi.
- Acted as Chair person for National Symposium organized by Department of Zoology, A.P.C Mahalaxmi College for Women, Thoothukudi on 01.02.2018 & 02.02.2018.

- Acted as Judge for a District level Youth Parliament Competition on 24<sup>th</sup> January, 2019 organized by Manonmaniam Sundaranar University at Kamaraj College Thoothukudi.
- Acted as the resource person in the motivational Programme “Today’s Youth Tomorrow’s Transformers” on 3<sup>rd</sup> September 2019 at Home Science Holy Cross College, Thoothukudi and delivered a talk on “Chase your Dream”.

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

### **International /National Level**

- Poster for “Vitamin – C in some selected simple ascidians” in a National Seminar on “Current trends in Chemistry” at A.P.C.Mahalaxmi College, Thoothukudi on 7<sup>th</sup> August, 2013.
- 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.
- Presented a paper on “Spectrophotometric studies of a simple ascidian *Phallusia arabica* Savigny” in a national seminar on “Green Chemistry: Perspectives and Challenges (GCPC)” at Popes College, Sawyerpuram on 25.2.2014.
- Presented a paper on “Physico-chemical and Fluorescence Analysis of *Phallusia arabica*” in a national seminar on “Recent Developments in Chemistry (RDC’ 14)” at Sadakathullah appa college, Tirunelveli on 20.8.2014.
- Presented a paper on “Wound healing activity of ethanolic extract of *Phallusia Arabica*” in a national seminar on “Emerging Trends in Chemistry” at Sri Sarada College, Tirunelveli on 16.12.2014.
- Presented a paper on “Biosynthesis of iron oxide nanoparticles from simple ascidian *Phallusia arabica* “ in an international Conference on “Recent Trends in Multi-Disciplinary Research (ICRTMDR - 18)” at V.O.Chidambaram College, Thoothukudi on 18<sup>th</sup> and 19<sup>th</sup> April 2018.
- Presented a paper on “ A Review on Women’s Education in Thoothukudi District” in an International Conference on “Women Empowerment – Gender Justice” organized by the Department of Commerce in Collaboration with Rotary

Club of Spic Nagar, A.P.C Mahalaxmi College for Women, Thoothukudi on 20 and 21<sup>st</sup> August 2019.

## Proceedings

- Proceedings on “Spectrophotometric studies of a simple ascidian *Phallusia arabica* Savigny” in a national seminar on “Green Chemistry: Perspectives and Challenges (GCPC)” at Popes College, Sawyerpuram on 25.2.2014.
- Proceedings on “Studies on Toxicity of Ethanolic extract of simple ascidian *Phallusia arabica* Savigny” in National Conference on “Modern trends in Science & Communication” Dr. Sivanthi Aditanar College of Engineering, Tiruchendur on 7<sup>th</sup> May 2014. .
- Proceedings on “Physico-chemical and Fluorescence Analysis of *Phallusia arabica*” in a national seminar on “Recent Developments in Chemistry (RDC’ 14)” at Sadakathullah appa college, Tirunelveli on 20.8.2014
- Proceedings on “Wound healing activity of ethanolic extract of *Phallusia Arabica*” in a UGC sponsored Two day national seminar on “Current trends in Chemistry” at A.P.C. Mahalaxmi College for Women, Thoothukudi on 4<sup>th</sup> and 5<sup>th</sup> February, 2015.
- Article in an Edited book on “ A Review on Women’s Education in Thoothukudi District” in an International Conference on “Women Empowerment – Gender Justice” organized by the Department of Commerce with ISBN No. 13: 978-93-89051 -64-3 in Collaboration with Rotary Club of Spic Nagar, A.P.C Mahalaxmi College for Women, Thoothukudi on 20 and 21<sup>st</sup> August 2019.

## Paper Publications

1. Kohila Subathra Christy, H 2011, ‘Agro wastes as adsorbents for Chromium (VI) removal’, Enrich, 2(2): 42-50.
2. Kohila Subathra Christy, H 2012, ‘Contents Responsible for Colour, Taste and Flavour in Different Brands of Coffee’, Enrich, 3(1): 11-16.



3. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2013, 'Infrared and gas chromatogram-mass spectral studies of the ethanolic extract of *Phallusia arabica* Savigny, 1816', Archives of Applied Science and Research, vol. 5, no. 4, pp. 17-23.
4. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2014, 'Antipyretic and Analgesic activity of *Phallusia arabica* Savigny, 1816', International Journal of Medicinal Chemistry and Analysis, vol. 4, no. 3, pp. 162-165. Impact Factor: 1.34
5. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2014, 'Chemical screening and Anaesthetic Activity of *Phallusia arabica* Savigny, 1816', International Research Journal of Pharmaceutical and Applied Sciences, vol. 4, no. 2, pp. 24-28.
6. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2014, 'Anti-inflammatory activity of the simple ascidian, *Phallusia arabica* Savigny', International Journal of Biological & Pharmaceutical Research, vol. 5, no. 7, pp. 553-558. Impact Factor: 0.34
7. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2014, 'Studies on the oral acute and subchronic toxicity of *Phallusia arabica* Savigny, 1816', International Journal of Biopharmaceutics, vol. 5, no. 5, pp. 353-357.
8. Kohila Subathra Christy, H 2014, 'Determination of Carbohydrate, Protein and Lipid in various Milk Samples', Enrich, V(II): 77-82.
9. Kohila Subathra Christy, H 2014, 'Spectrophotometric Analysis of a simple ascidian *Phallusia arabica* Savigny, 1816', Enrich, VI(I): 70-75.
10. Kohila Subathra Christy, H 2014, 'A Review of research on the simple ascidian *Phallusia arabica*', Enrich, VI(II): 72-76.

11. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2015, 'Evaluation of Wound healing activity of *Phallusia arabica* Savigny', World Journal of Pharmaceutical Research, vol. 4, no. 7, pp. 1202-1213. SJIF Impact Factor: 5.990
12. Shanmugapriya D, **Kohila Subathra Christy H**, and Sankaravadivu, S 2015, Antimicrobial activity of simple ascidian *Phallusia nigra* World Journal of Pharmaceutical research, 4(9): 822-827. ISSN: 2277-7103, SJIF Impact Factor: 5.990
13. Shanmugapriya D, **Kohila Subathra Christy H**, Sankaravadivu, S and Stella Packiam C 2015, Antidiabetic activity of the ethanolic extract of a simple ascidism *Phallusia nigra* World Journal of Pharmaceutical research, 4(11):1557-1563. ISSN: 2277-7103, SJIF Impact Factor: 5.990

14. Shanmugapriya D, Sankaravadivu, **S** and **Kohila Subathra Christy H** 2016, Determination of Heavy metal in a simple ascidian *Phallusia nigra* by Atomic Absorption Spectroscopy. European Journal of Pharmaceutical and Medical Research, 2016: 3(4):189-190. ISSN: 2294-3211, SJIF Impact Factor: 3.628.
15. Kohila Subathra Christy, H, Jothibai Margret, R and Meenakshi, VK 2018, 'Biosynthesis of iron oxide nanoparticles from simple ascidian *Phallusia arabica* and their total antioxidant and antibacterial activity, Journal of Emerging Technologies and Innovative Research, vol. 5, no. 10, pp. 123-133. Impact Factor: 5.87; UGC Approval No. 63975.

16. Shanmugapriya D, **Kohila Subathra Christy H**, and Sankaravadivu, S 2015, Hepatoprotective activity of ethanol extracts of *Phallusia nigra* against CCl<sub>4</sub> induced hepatotoxicity in rats. World Journal of Pharmaceutical research, 5(1):648-655. ISSN: 2277-7103, SJIF Impact Factor: 5.990.

## **Other Activities**

- Coordinator, Fine Arts Committee from June 2008 to May 2016
- Member, IQAC from June 2015 to May 2019
- Member, NIRF Team, 2019- 2020
- NSS Programme Officer from June 2016
- Research Forum Coordinator from June 2015 to till date
- Editorial board Member - Enrich (College Journal) from June 2015 – May 2018
- Chief Editor – Chem Talk ( Department Magazine) from 2018 to till date
- Legal literacy Club Coordinator from September 2019 to till date