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**Date of Joining** : 05.12.2018



**ACADEMIC QUALIFICATION**

Course	Subject	Name of the Institution	Month and Year of passing
Ph.D.,	Chemistry	V.O. Chidambaram College, Thoothukudi – 8.	March 2018
M. Phil.,	Chemistry	V.O. Chidambaram College, Thoothukudi – 8.	January 2012
M. Sc.,	Chemistry	V.O. Chidambaram College Thoothukudi – 8.	April 2010
B.Sc.,	Chemistry	A.P.C. Mahalaxmi College for women, Thoothukudi – 2.	April 2008
HSC	Science	St. Joseph's Girls Higher Secondary School, Cruzpuram, Thoothukudi – 1.	March 2005
SSLC	-	St. Antony's High School, Siluvaipatti, Thoothukudi – 2.	March 2003

**FELLOWSHIP**

**Fellowship - UGC Major Research Project** titled “Light induced green strategy for the bulk synthesis of metal and metal oxide nanoparticles using bioresources and applications” (F.No.43-201/2014)

## **RESEARCH LINKS**

Google scholar	<a href="https://scholar.google.co.in/citations?user=CiiNe4QAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=CiiNe4QAAAAJ&amp;hl=en</a>
ResearcherID	<a href="http://www.researcherid.com/rid/D-1604-2019">http://www.researcherid.com/rid/D-1604-2019</a>
ORCiD	<a href="https://orcid.org/0000-0002-4450-1347">https://orcid.org/0000-0002-4450-1347</a>
Research Gate	<a href="https://www.researchgate.net/profile/T_Akkini_Devi">https://www.researchgate.net/profile/T_Akkini_Devi</a>

## **ACADEMIC ACHIVEMENTS**

- Best poster presentation in the international workshop on “**Advanced Functional Materials and Devices**” held on 8-12<sup>th</sup> January 2017 at Manonmaniam Sundaranar University, Tirunelveli.
- Best poster presentation in the international seminar on “**Materials Science and Technology**” held on 28<sup>th</sup> December 2016 at A.P.C Mahalaxmi College for Women, Thoothukudi.

## **PUBLICATIONS**

### **International Journals/UGC Listed Journals**

1. **Akkini Devi, T**, Ananthi, N & Peter Amaladhas, T 2016, ‘Photobiological synthesis of noble metal nanoparticles using *Hydrocotyle asiatica* and application as catalyst for the photodegradation of cationic dyes’, Journal of Nanostructure in Chemistry, vol. 6, pp. 75–92. DOI 10.1007/s40097-015-0180-z. WOSUID: WOS:000377269300009.
2. Priya Velammal, S, **Akkini Devi, T** & Peter Amaladhas, T 2016, Antioxidant, antimicrobial and cytotoxic activities of silver and gold nanoparticles synthesized using *Plumbago zeylanica* bark, Journal of Nanostructure in Chemistry, vol. 6, pp. 247-260. DOI 10.1007/s40097-016-0198-x. WOSUID: [WOS:000380696600006](#).
3. Peter Amaladhas, T, Sivagami, S, **Akkini Devi, T**, Ananthi, N & Priya Velammal, S 2012, Biogenic synthesis of silver nanoparticles by leaf extract of *Cassia angustifolia*,

### Conference Paper

1. Peter Amaladhas, T and **Akkini Devi, T**, '*Cardiospermum halicacabum* derived plasmonic nanoparticles: Antimicrobial, DNA binding and photodegradation studies', Proceedings of the international workshop on "Advanced Functional Materials and Devices", pp. 103–104. ISBN No: 978-93-81402-38-2.

### PRESENTATION:

- Presented a paper titled "**Sunlight induced biosynthesis of noble metal Nanoparticles using *Caulerpa scapelliformis* and application as catalyst for the photodegradation of dyes**" in the international conference on "**Recent trends in multi-disciplinary Research**" held on 19<sup>th</sup>-20<sup>th</sup> April 2018 at V.O. Chidambaram College, Thoothukudi.
- Presented a paper titled "***Cardiospermum halicacabum* derived plasmonic nanoparticles: Antimicrobial, DNA binding and photodegradation studies**" in the international workshop on "**Advanced Functional Materials and Devices**" held on 8-12<sup>th</sup> January 2017 at Manonmaniam Sundaranar University, Tirunelveli.
- Presented a paper titled "**Bioinspired plasmonic photocatalysts: Synthesis, characterization and degradation studies**" in the international seminar on "**Materials Science and Technology**" held on 28<sup>th</sup> December 2016 at A.P.C Mahalaxmi College for Women, Thoothukudi.
- Presented a paper titled "**Biosynthesis of silver nanoparticles using *Cardiospermum halicacabum* – A medicinal plant of India**" in the national conference on "**Role of Chemists in Advanced Chemistry**" held on 25-26<sup>th</sup> July 2011 at Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi.

### WORKSHOP/SEMINAR ATTENDED:

- Participated in the international conference on "**Recent Trends in Chemistry and Biosciences (ICRTCB-2019)**" held on 16<sup>th</sup> and 17<sup>th</sup> May 2019 at Madurai Kamaraj University, Madurai.

- Participated in the lecture workshop on **“Recent Advances in Chemistry (RAC-2016)”** held on 26<sup>th</sup> and 27<sup>th</sup> February 2016 at V.O.Chidambaram College, Thoothukudi.
- Participated in the national conference on **“Advanced Materials and their Applications”** held on 21<sup>st</sup> and 22<sup>nd</sup> January 2016 at V.O.Chidambaram College, Thoothukudi.
- Participated in the national conference on **“Higher Education in India: Emerging Needs and Challenges”** held on 26<sup>th</sup> and 27<sup>th</sup> March 2015 at V.O.Chidambaram College, Thoothukudi.
- Participated in the workshop on **“Characterization Techniques in Chemical Sciences”** held on 9-11<sup>th</sup> July 2014 at National Institute of Technology, Tiruchirapalli.
- Participated in the workshop on **“Synthesis and Characterization of Nanomaterials-2014”** held on 25-26<sup>th</sup> February 2014 at V.O.Chidambaram College, Thoothukudi.
- Participated in the **State level seminar** on **“Recent Trends in Chemistry”** held on 21<sup>st</sup> August 2013 at V.O.Chidambaram College, Thoothukudi.
- Participated in the **State level two days lecture cum training programme** on **“Research Instruments”** held on 28-29<sup>th</sup> September 2012 at Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi.
- Participated one day seminar on **“Nanoscience and Applications”** held on 12<sup>th</sup> March 2012 at V.O.Chidambaram College, Thoothukudi.
- Participated in the one day workshop on **“Inflibnet User Awareness Concerning N-List”** held on 11<sup>th</sup> February 2011 at Manonmaniam Sundaranar University, Tirunelveli.
- Participated in the **State level seminar** on **“Computer Applications In Chemistry”** held on 1<sup>st</sup> September 2008 at Sri Kumara Gurupara Arts College, Srivaikuntam.

#### **TECHNICAL QUALIFICATION**

- Completed diploma course in computer - PGDCA