

T. AKKINI DEVI,

Assistant Professor,

Department of Chemistry,

A.P.C. Mahalaxmi College for Women, Thoothukudi – 628 002.

Mobile : +91-96266 08882

Email : t.deviagni@gmail.com

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

ACADEMIC ACHIVEMENTS

- Best poster presentation in the international workshop on “**Advanced Functional Materials and Devices**” held on 8-12th January 2017 at Manonmaniam Sundaranar University, Tirunelveli.
- Best poster presentation in the international seminar on “**Materials Science and Technology**” held on 28th 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*,

Advances in Natural Sciences: Nanoscience and Nanotechnology, vol. 3, pp. 1-7.
doi:10.1088/2043-6262/3/4/045006. SOURCE-WORK-ID: 0306191428499-10.

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 19th-20th 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 8-12th 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 28th 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 25-26th 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 16th and 17th May 2019 at Madurai Kamaraj University, Madurai.

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

TECHNICAL QUALIFICATION

- Completed diploma course in computer - PGDCA