

Dr. A. Adilakshmi
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Department of Chemistry
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Dr:A.Adilakshmi
Assistant Professor

➤ **Research Area:**

- (i) Computational chemistry

➤ **Educational Qualifications:**

Qualification	Department	Year (From -To)	Percentage	Class
Ph.D	Computaional Chemistry	Jan 2012- Feb 2020	----	Highly commented
SET	CHEMISTRY	Mar 2006	-	-
M.Phil	CHEMISTRY	April 2008	84.4	FWD
M.Sc	CHEMISTRY	June 2004 - April 2006	87.36	FWD
B.Sc	CHEMISTRY	June 2001 – April 2004	84.14	FWD

FWD – First Class With Distinction

Experience: (16-Years)

Name of Company / Institutions	Designation of Post	From	To	Relived on	Scale of Pay	Experience in Year
University College of Engg Ariyalur	Assistant Professor	17-09-09	Till date	-	15600 – 39100 + AGP 6000	12y 9M 3D
Anna university Tiruchirappalli – Ariyalur Campus	Lecturer	06-10-08	16.09.09	-	12000/- (Consolidated)	11M 11 D
A.D.M College for Women, Nagapattinam	Lecturer	14-06-06	30-09-08	01-10-08	8000/- (consolidated)	2Y 3M 18D
						16 years

➤ **Awards:**

University Rank Holder in B.Sc – 7th Rank

College 2nd rank in M.Sc Chemistry

➤ **Additional / Academic Responsibilities at University:**

- 1) Cultural Co-ordinator from 2013-till date
- 2) Head In-charge – Chemistry Department from august 2015-29.11.2019
- 3) YRC & RRC coordinator from august 2015-till date
- 4) Acted as class in charge for more than 7 times.
- 5) Acted as Deputy warden(Girls hostel) from Sep2008 to January 2010.

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

- a. Attended Orientation course organized by Academic Staff college Pondicherry University Pondicherry during December 19, 2012 to January 15,2013.

- b.** Attended two weeks TEQUIP II sponsored Faculty Development Programme Organized by Department of Physics Bharathidasan institute of Technology, Trichy During 17th to 30th July 2015.
- c.** Attended one day workshop on Research methodology organized by CFD, Anna university Chennai on September 12th 2015.
- d.** Attended one week foundation skills in integrated product development organized by Anna University Chennai during 27th September to October 1st 2015.
- e.** Attended two weeks TEQUIP II sponsored Faculty Development Programme Organized by Department of Physics Bharathidasan institute of Technology, Trichy During 11^h to 24th July 2016.
- f.** Attended two days seminar on Chess Green during 12nd 13th march 2016 organized by department of Chemistry Bharathidasan institute of Technology, Trichy.
- g.** Attended one day district level YRC students Study Camp Sponsored by IRCS-TNB at Ariyalur Government arts college on 17.02.2017
- h.** Attended two weeks Faculty Development Programme Organized by Department of Entrepreneurship development Anna University Chennai during 13th to 23th Feb 2018
- i.** Successfully completed College to Corporate programme conducted by IIT-Bombay Under the topics Effective use of IT for professional Activities, Soft Skills, Workplace communication from 06 Sep-2018 to 12th November 2018.(online mode)
- j.** Attended three weeks industrial training programme on Basic science and communication conducted by BSNL India from 08.06.2020 to 26.06.2020(online mode)
- k.** Attended a 2-Week Faculty Development Programme on "Managing online classes and co-creating moocs 3.0" from July 25 - August 10,2020 and obtained grade A+.
- l.** Participated in 40- hour FDP on Nano materials-Experimental Design & theoretical Modelling” Organized by E & ITC Academy, NIT-Warangal and Indian Institute of information Technology Design and Manufacturing-Kurnool from 13th -20th February-2021.(online mode)
- m.** Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Plastic Waste Management: Challenges & opportunities" from 23/08/2021 to 27/08/2021 at Central Institute of Petrochemicals Engineering & Technology.(online mode)

- n. Participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 28th February, 2022 to 4 th March, 2022.(online mode)

➤ **International Conferences Participated:**

- a. International Conference on Advances in Biological Chemical and Physical Sciences (ABCPS 2017) organized by Bharathidasan institute of technology trichy on 15.03.2017 presented a poster entitled “DYE STABILITY ON COLORED CLOTHS WITH DETERGENT BLEACHES -A CASE STUDY” .
- b. International Conference on Recent trends in engineering materials and renewable energy (ICEMRE 2018) at University college of engineering Villupuram during 4th and 5th of January 2018 presented a poster entitled “GLOBAL AND LOCAL DESCRIPTORS IN DFT STUDY OF 2-3DIMETHYL BUTADIENE WITH VARIOUS DIENOPHILES”
- c. 4th International conference on Chemical and Environmental Research (ICCER-2018) at Jamal Mohamed College –Trichy during December 19th 2018 and presented the paper entitled DFT study of influence of Hydrogen bonding over the reactivity of Disubstituted butadienes with bromocyclobutenone”.
- d. Participated
- e. in the International Conference on Mathematical Methods, Modeling and Simulation in Chemical Sciences (ICMMSC2018) Organized by Department of Mathematics, Department of Chemical Engineering & Society for the Advancement of Chemical Sciences and Education at SSN college of engineering Chennai during and December 06 - 08, 2018 and presented the paper under the topic“DFT study on mechanism of 2,3-dimethyl butadiene with cycloalkenones”.
- f. Participated in DST-SERB sponsored international conference on Recent Trends in Green Chemistry and Material Science(RTGCM9-2020)conducted by the department of applied science and Humanities and presented paper entitled A study on ability of copper and Bentonite in water purification during 23-24th january 2020
- g. Participated in international virtual conference on Frontiers in Chemical research(ICFCR'21) organized by Bishop Heber College Trichy and presented paper entitled ‘DFT study of influence of Hydrogen bonding over the reactivity of Disubstituted butadienes with bromocyclopentenone during 3-4th feb 2021

National Conferences:

- 1) A.Adilakshmi and V.Venkatesan (2013) “Low Sulphur Diesel: The Key to Lower Emissions” National Conference on “Green Chemistry and its Global Perspectives” GCGP 2013”(UGC Sponsored), Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam in association with Chemical Research Society of India, India, from 8 - 9 March 2013.

➤ **Publications :**

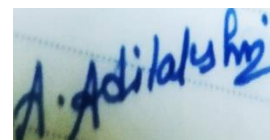
International Journals:

- 1) A.Adilakshmi, V.Venkatesan and V. Tamilmani (2014) “Blending Ratio of Low Sulphur Diesel A Key to Lower Emissions”, International Journal of Industrial Pollution Research” (EM International) Vol 30 (1), pp 139-145. (ISSN: 09702083; Scopus Journal Rating (SJR): 0.1, Scopus H Index : 9 and NAAS Rating : 4.60)
- 2) **Arumugam Adilakshmi**, Madhu Deepan Kumar, Madhavan Jaccob, & Venkatachalam Tamilmani 2019, ‘Theoretical Investigation of Steric Effect Influence on Reactivity of Substituted Butadienes with Bromocyclobutenone’, Journal of Chemical Information and Modelling, American Chemical Society Publications, vol. 59, no. 5, pp. 2231-2241. DOI: 10.1021/acs.jcim.9b00177. **Impact Factor: 4.904.**

DECLARATION:

I CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

DATE: 24.05.2022



Signature with date