

## Faculty Profile



1. **Name** : *Dr.J.Bhuvana*
2. **Designation** : *Assistant Professor*
3. **Department** : *Chemistry*
4. **Age & DOB** : *39 & 17.09.1982*
5. **Date of first appointment** : *02.02.2005*
6. **Date of joining in govt. service** : *25.06.2018*
7. **Educational Qualification**

Degree / Diploma / Certificate	Subject	Name Of The Institution	Year Of Passing	Remarks
B.Sc	Chemistry	A.D.M.College, Nagapattinam	April 2002	
M.Sc	Chemistry	Annamalai University, Chidambaram	April 2004	
M.Phil (DDE)	Chemistry	Bharathidasan University, Tiruchirappalli.	December 2007	
Ph.D	Chemistry	A.D.M.College for Women (Autonomous), Nagapattinam	August 2017	

### 8. Academic/Teaching Experience

S. No.	Institution	From – To
1.	A.D.M.College for Women (Autonomous), Nagapattinam	02.02.2005 to till date

9. **Area of specialization** : *Crystal Growth*

10. **Area of Research Interest** : *Crystal Growth*

### 11. Seminars/Conferences/Workshops Organized

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	UGC sponsored National Seminar on Instrumentation Techniques applied to Chemical Sciences	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam	02.04.2009 & 03.04.2009
2.	UGC sponsored National Conference on Green Chemistry and its Global Perspectives	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam.	08.03.2013 & 09.03.2013
3.	Workshop on Radioactivity	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam.	14.12.2019

4.	National Webinar on Advanced CSIR & NET Preparation tools and techniques	PG & Research Department of Chemistry, A. D. M College for Women, Nagapattinam	19.03.2021
5.	National Webinar on Research Methodology : Methods & Techniques	PG & Research Department of Chemistry, A. D. M College for Women, Nagapattinam	07.05.2021

**12. Membership in Academic/Professional Bodies: Member – Board of Studies of Chemistry**

- 13. Campus Leadership:** 1. Co-ordinator – Competitive Examination Coaching Centre for the year 2018-2019.  
2. Co-ordinator – Extension of Autonomous Status

**14. Seminars/Conferences/Workshops attended**

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	UGC and TamilNadu State Council for Higher Education Sponsored Workshop on “Curriculum Development and Evaluation Techniques”	A.D.M.College for Women, (Autonomous), Nagapattinam.	16.3.2006 to 18.3.2006
2.	Two-day Workshop on “Educational Technology and E-content Development”	A.D.M College for Women (Autonomous), Nagapattinam.	20.12.2006 & 21.12.2006
3.	Two-day Workshop on “Recent Developments in Chemistry”	Department of Chemistry, Central University of Tamil Nadu, Thiruvarur sponsored by IASc, INSA, NASI	02.03.2016 & 03.03.2016
4.	State Level Intercollegiate Extravaganza “Symphoria 17”	Jamal Mohamed College (Autonomous), Tiruchirappalli	31.01.2017
5.	Two-day Workshop on “New Vistas in Chemistry Research”	Department of Chemistry, Central University of Tamil Nadu, Tiruvarur	17.02.2017 & 18.02.2017
6.	National Seminar on “Modern Trends in Chemistry”	Department of Chemistry, S.T.E.T Women’s College, Mannargudi,	20.12.2017
7.	State Level Intercollegiate Extravaganza “Symphoria 18”	Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	20.02.2018
8.	International Colloquium on Biovision	Department of Life Sciences, Sir Issac Newton College of Arts and Science, Nagapattinam.	28.02.2018
9.	Application of Science & Technology in Rural areas - Preservation of Vegetables and Fruits	A.D.M.College for Women (Autonomous), Nagapattinam.	05.02.2019

10.	Application of Science & Technology in Rural areas – Identification of Food adulteration	A.D.M.College for Women (Autonomous), Nagapattinam.	08.02.2019
11.	One day “National Conference on Advances in Chemical Sciences”	Department of Chemistry, Poompuhar College (Autonomous), Melaiyur	06.04.2019
12.	Two Day Workshop on “English Communication and classroom management”	A.D.M.College for Women (Autonomous), Nagapattinam	26.07.2019 & 27.07.2019
13.	International Conference on “Emerging Trends and Innovations in Chemistry”	Department of Chemistry, S.T.E.T Women’s College, Mannargudi	20.08.2019
14.	State Level Seminar on “Recent Confrontation in Chemical Research”	Department of Chemistry, A.V.V.M.Sri Pushpam College, Poondi, Thanjavur	27.08.2019
15.	Symposium on “Emerging Trends in Chemistry”	Department of Chemistry, Thiru.Vi.Ka.Govt Arts College, Thiruvarur	23.09.2019
16.	UGC Paramarsh Seminar on “NAAC-Overview and functioning of IQAC	A.D.M.College for Women (Autonomous), Nagapattinam	15.02.2020
17.	UGC Paramarsh Seminar on “Research, Innovations and Extension & Student Support and Progression”	Thiru.Vi.Ka.Govt Arts College, Thiruvaur	09.03.2020

### 15. Orientation/Refreshment Courses

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1.	Orientation Programme	4 <sup>th</sup> Online Faculty Induction Programme	Pondicherry University, Puducherry	2021-2022 (04.08.2021 to 02.09.2021)

### 16. Papers Presentation

S. NO.	NAME OF THE PAPER	ORGANIZED BY	DATE
1.	Preparation and Quality Assessment of Bio Diesel from Pongamia Glabra Oil	UGC sponsored “National Seminar on Renewable Energy – An Amazing Resource” held at Department of Physics, A.D.M.College for Women (Autonomous), Nagapattinam	20.01.2011 & 21.01.2011
2.	Growth and Characterization of KAP with Lead Chloride in different proportions	International Conference on Advances in Engineering, Science and Management” held at E.G.S.Pillay Engineering College, Nagapattinam	30.03.2012 & 31.03.2012

3.	Microfinance in India-Sectoral Issues and Challenges	UGC sponsored Two Day National Seminar on “Micro Finance – A Performance Appraisal” held at Department of Economics, A.D.M.College for Women (Autonomous), Nagapattinam	30.03.2012 & 31.03.2012
4.	Hydrothermal Heck reaction of Bromobenzene with different esters catalysed by Nickel Nano Particle	State Level Seminar on Current Research in Chemistry and Bio-Chemistry held at Department of Chemistry, A.V.V.M.Sri Pushpam College, Poondi, Thanjavur	28.08.2012
5.	Preparation and quality assessment of Bio-diesel from Pongamia Glabra Oil	UGC and CRSI Sponsored National Conference on Green Chemistry and its Global Perspectives organized by Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam	08.03.2013 & 09.03.2013
6.	Growth and Characterisation studies of succinic tartarte doped with Ferrous Sulphate	UGC sponsored National Conference on Ultimate Strategies for Sustainable Environment held at Department of Chemistry, T.B.M.L College, Porayar	16.04.2013 & 17.04.2013
7.	Collection of Manuscripts from the Archaeological Archives	UGC sponsored “National Seminar on Archaeological Perspectives and Endeavors towards the Re-orientation of the History and Culture of Tamil Nadu” held at Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam .	12.07.2013 & 13.07.2013
8.	Effect of Tryptophan as dopant on Potassium Acid Phthalate Single Crystals	National Conference on Emerging Trends in Basic and Applied Sciences” held at Department of Chemistry, T.B.M.L College, Porayar	06.02.2020
9.	Investigations on the growth, optical, spectral, thermal and dielectric properties of EDTA doped Potassium Acid Phthalate Crystals	National Conference on Recent Trends in Material Science” held at Department of Chemistry, Thiru.Vi.Ka.Govt. Arts College, Thiruvarur.	14.02.2020

### 17. Papers Publications

S.No	Article	Name of the Journal	Year
1.	Growth and characterization of KAP with lead chloride in different proportions	International Conference on Advances in Engineering, Science and Management “– Vol 1. 152-156, ISBN : 978-81-909042.	March 2012
2.	Growth and characterization of potassium acid phthalate with glycine as dopant	International Journal of Chemistry, Environment and Technology”– Vol 1, Issue1, 49-56.	January 2013

3.	Metal organic framework based on 2,2'-bipyridyl and 2-hydroxy butanedioic acid ligand: Synthesis, structure and characterization	International Journal of Chemistry, Environment and Technology” – Vol 2, Issue 1,11-17	January 2014
4.	Effect of tryptophan as dopant on potassium acid phthalate single crystals	Chemistry International- International Scientific Organization , 87-91	2015
5.	An alternative approach of choosing active ingredients in the pesticides by using fuzzy soft sets	Asia Pacific Journal of Research– Vol 1, Issue LXXXVI, 303-307, ISSN : 2320-5504.	2018
6.	An analysis of suitable crystal for electro optic applications by using fuzzy soft set	IOSR Journal of Engineering” – Vol 8, Issue 6, 54-57, ISSN:2278-8719.	June 2018