

## FACULTY PROFILE

1. **Name** : Mrs. A. Rakini
2. **Designation** : Assistant Professor of Chemistry
3. **Department** : Chemistry
4. **Age & DOB** : 31 & 15.05.1990
5. **Date of first appointment** : 19.01.2015
6. **Educational Qualification**



Degree / Diploma / Certificate	Subject	Name Of The Institution	Year Of Passing	Remarks
B.Sc	Chemistry	A.D.M.College for women(A), Nagapattinam	April 2010	First Class with D
B.Ed	Science	Andavar College of Education, Nagapattina,m	May 2011	First Class with D
M.Sc	Chemistry	Rajah Serfoji Govt. college, Thanjavur.	April 2013	First Class with D
M.Phil	Chemistry	T.B.M.L college, Poraiyar	May 2017	First Class with D
Ph.D	Chemistry	Rajah Serfoji Govt. college, Thanjavur.	-	Doing

### 7. Academic/Teaching Experience

S. No.	Institution	From – To
1.	A.D.M.College for Women (Autonomous), Nagapattinam	19.01.2015 to till date

8. **Area of specialization** : Inorganic Chemistry
9. **Area of Research Interest** : Crystal Growth
10. **Seminars/Conferences/Workshops Organized**

(Chairperson/Resource Person/Member of Organizing Committee)

S. No.	PROGRAMMES	ORGANIZED BY	DATE
1.	Tamilnadu state council for science and technology sponsored Programme on Application of Science and Technology in Rural Areas	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam	05.02.19& 08.02.19
2.	“One day Workshop on Radioactivity “ in collaboration with Indira Gandhi Centre for Atomic Research , Kalpakkam	PG & Research Department of Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam.	14.12.2019
3.	Special lecture on the topic “ A	PG & Research Department of	24.02.2021

	Simple perspectives of Sweet Chemistry	Chemistry, A.D.M.College for Women (Autonomous), Nagapattinam.	
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

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

- 12. Campus Leadership:** 1. Sub Co-ordinator – Quiz club for the year 2017  
2. Sub Co-ordinator – NAAC Criterion- I

**13. Seminars/Conferences/Workshops attended**

S.No	PROGRAMMES	ORGANIZED BY	PLACE AND DATE
1.	National seminar on Recent Trends in polymer and Green chemistry	UGC Sponsored	PG and Research Department of Chemistry, Rajah Serfoji Government College(A), Thanjavur-5 <sup>2nd</sup> – 3 <sup>rd</sup> Feb 2012
2.	Seventh Indo – US Workshop on Mathematical Chemistry	Prist University	Ponnaiyah Ramajayam Institute Of Science and Technology PRIST UNIVERSITY -Thanjavur and University of Minnesota Duluth-Duluth, Minnesota (USA) Dec 4-6, 2012
3.	One day Work Shop	Central University	Dept of Chemistry, Central University of Tamil nadu, January-24 <sup>th</sup> -2014
4.	International seminar on Green chemistry and Recent Trends	UGC Sponsored	Jamal Mohamed College (A) Trichy-2015 Dec-17 <sup>th</sup> -2015
5.	Workshop on Recent development in chemistry	Central University	Dept of Chemistry, Central University of Tamilnadu. 2-3 March 2016
6.	State level intercollegiate extracaganza Symphoria	JMC	Jamal Mohamed College (A), Trichy 31. 01. 2017
7.	Two days workshop on New Vistas in chemistry research	Central University	Dept of Chemistry, Central University of Tamil nadu. 2-3 17 <sup>th</sup> & 18 <sup>th</sup> Feb- 2017

8.	National science day - 2018	Fisheries University	Department of basic sciences, Fisheries Engineering , Tamil Nadu. Dr. J. Jayalalitha fisheries university, Nagapattinam 26.02.2018
9.	Oneyday programme on Application of Science and technology in rural areas” catalysed and supported on Edible mushroom cultivation.	TNSCF SAT - Tamilnadu State council for science and technology	A.D.M College for Women(A), Nagapattinam. 04.02.2019
10.	Oneyday programme on Application of Science and technology in rural areas” catalysed and supported on Preservation of vegetables and fruits.	TNSCF SAT - Tamilnadu State council for science and technology	A.D.M College for Women(A), Nagapattinam. 05.02.2019
11.	Oneyday programme on Application of Science and technology in rural areas” catalysed and supported on Solar energy and demonstration.	TNSCF SAT - Tamilnadu State council for science and technology	A.D.M College for Women(A), Nagapattinam 06.02.2019
12.	Oneyday programme on Application of Science and technology in rural areas” catalysed and supported on Organic farming techniques.	TNSCF SAT - Tamilnadu State council for science and technology	A.D.M College for Women(A), Nagapattinam. 07.02.2019
13.	Oneyday programme on Application of Science and technology in rural areas” catalysed and supported on Identification of Food adulteration.	TNSCF SAT - Tamilnadu State council for science and technology	A.D.M College for Women(A), Nagapattinam. 08.02.2019
14.	English communication and classroom management Jade training resources, Bangalore	-	A.D.M College for Women(A), Nagapattinam. 13 & 14 Aug 2019
15.	Oneyday Workshop on Radioactivity conducted in SRC, Indira Gandhi Centre	IANCAS	Department of Chemistry, A.D.M College for Women(A), Nagapattinam.

	for Atomic Research, Kalpakkam.		14. 12. 2019
16.	Oneday Seminar on NAAC- Overview and Functioning of IQAC	A.D.M College	A.D.M College for Women(A), Nagapattinam. 15.02.2020
17.	International conference on recent advances in materials science	Central University	Dept of Chemistry, Central University of Tamil nadu. 25. 02.2020
18.	Oneday Workshop on Training of Mentors Jade training resources, Bangalore	-	A.D.M College for Women(A), Nagapattinam. 23.01.2021

#### 14. Papers Presentation

##### International Conference -Papers Presented

S. No	Name of the Seminar/Conference / Symposia workshop, etc.,	Title of the Paper	Place and Date
1.	International conference on chemical and environmental research ( ICCER-2015)	“Experimental investigation of spectral, thermal properties of Acetophenone – phenyl hydrazone crystal”	Jamal Mohamed college, Trichy. 17.12.2015
2.	International conference on chemical and environmental research ( ICCER-2017)	Determination of induction period, interfacial energy, microhardness, thermal studies and SHG efficiency of Carbamimidothionic acid	Jamal Mohamed college, Trichy. 07.01.2017
3.	International conference on Emerging trends & innovations in chemistry	Synthesis and spectral characterization of $\beta$ - amino ketone from chalcone.	Sengamalacthayar education Trust., Mannargudi on 20.08.2019
4.	International conference on cutting edge research in chemical sciences	An Engrossing studies an qualitative analysis and identification of dye compound from Indigofera tinctoria	Poompuhar college, Melaiyur on 19.09.2019
5.	International conference on chemical and environmental research ( ICCER-2020)	Phytochemical studies on dye compounds of Allium cepa by thin layer chromatography	Jamal Mohamed college, Trichy. 08.01.2020
6.	International conference on Recent advances in materials science (ICRAMS- 2020)	Synthesis and characterization of Zinc nano particles	Central University of Tamil nadu, 25.02.2020
7.	International webinar Chemical and	Synthesis and spectral characteristics of Ni doped Thiourea bismuth chloride	Department of chemistry, JMC college Trichy,

	environmental research	single crystals	12.11.20
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#### National Conference- Papers Presented

S. No	Name of the Seminar/Conference / Symposia workshop, etc.,	Title of the Paper	Place and Date
1.	National conference on Modern Trends in chemistry	Preparation , spectral characterization and bond gap energy of phenylhydrazone of acetophenone ( <b>Received first prize for best paper award</b> )	Sengamalacthayar education Trust., Mannargudi on 20.12.2017
2.	National conference on Recent development in chemistry	Preparation, Spectral characterization band gap energy 2- Nitrobenzylidene of toluidine	Jamal Mohamed college, Trichy. 20.01.2018
3.	National conference on Advances in chemical sciences	Cobalt Schiff base complex – synthesis characterization by spectral and thermal studies	Poompuhar college, Melaiyur on 06..04.2019
4.	National conference on Emerging trends in basic and applied sciences (ETBAS- 2020)	Synthesis and optical characterization of copper nanoparticles and their antibacterial activity study	T.B.M.L. College, Porayar on 06.02.2020.
5.	National conference on Recent trends in Material science	Engrossing studies on qualitative analysis and identification of dye compound from Clitoria ternatea	Thiru.Vi.Ka College, Thiruvarur. 14.2.2020
6.	Twoday seminar current needs of marine food processing and preservation technology	Preservation and fermentation of food products.	Department of Zoology, A.D.M College for Women(A),Nagapattinam.13-14 Mar 2020

#### 15. Papers Publications

S.NO	ARTICLE	NAME OF THE JOURNAL	PAGE NO & IMPACT FACTOR
1.	European journal of Biomedical and Pharmaceutical	Studies on Synthesis and Characterization of Metal Complexes.	ISSN – 2349-8870, Vol – 5 Page No : 831-833 Impact Factor – 4.9 Date of Accepted 17.01.2018
2.	European journal of Biomedical and Pharmaceutical	Preparation, Spectral characterization band gap energy 2- Nitrobenzylidene of Toluidine	ISSN – 2349-8870, Vol – 5 Page No : 826-830 Impact Factor – 4.9 Date of Accepted 17.01.2018

**ONLINE FACULTY DEVELOPMENT PROGRAM**

<b>TOPIC</b>	<b>FDP</b>	<b>ORGANIZED INSTITUTION</b>	<b>DATE</b>
Online faculty development program on "Role of chemistry in COVID-19"	Online faculty development program	Vels institute of science., Pallavaram.	13.5.20
Five days online faculty development program topic" evolution from offline to online teaching "	Faculty development program	Sathish prashan dnyanasadhana college., thane.	30 <sup>th</sup> May 2020 to 3 <sup>rd</sup> June
International faculty development programme on "the role of edutech"	Faculty development programme	Annamali university,	5.6.20 to 11.6.20
Plagiarism research and steps to prevent	Oneday faculty development programme	Department of BBA, queen college of arts&science, punalkulam,	8.7.20
Recent advanced research in chemistry	5 days International online faculty development program	Department of science and humanities, C. Abdul Hakeem college, Melvisharam	15 to 19 July 20
Recent advances in inorganic chemistry	Five days training for college teachers	Central university of Kerala	05.03.21-09.03.21