

JAMAL MOHAMED COLLEGE (Autonomous)
(College with Potential for Excellence)
Accredited at 'A' Grade by NAAC – CGPA 3.6 out of 4.0
Tiruchirappalli-620 020.



RESUME

DEPARTMENT OF CHEMISTRY (SF)

1. Name : **Mr. A. ASRAR AHAMED**

2. Designation : Assistant Professor

3. Qualification : M.Sc., M.Phil., PGDCA.,

4. Date of birth : 10.08.1987

5. Address:

Office : P.G & Research Department of Chemistry,
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6. Educational Qualifications:

S.No.	Examination Passed	University / College	Year of Passing
1.	B.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2007
2.	M.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2009

3.	M.Phil. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2010
4.	PGDCA	Bharathiar University, Coimbatore.	2012
5.	Ph.D (Chemistry)	Bharathidasan University, Trichy.	Pursuing

7. Experience : **Undergraduate:** 5 Years 5 Months
Postgraduate : 5 Years 5 Months

8. Areas of Specialization : Organic Chemistry

9. Languages known : Tamil, English & Urdu

10. Subjects Taught:

Under Graduate : 1. Inorganic Chemistry
2. Organic Chemistry
3. Applied Chemistry
4. Computer applications in chemistry

Postgraduate : 1. Pharmaceutical Chemistry
2. Instrumentation techniques

11. Details of Publications:

1.	Synthesis and Characterization of N-Mannich Bases of Carbazoles	Coromandal Journal of Science	1(1), 52-54, December 2012.
2.	Synthesis, Characterization and antimicrobial activity of New Mannich base	Der Chemica Sinica, Pelagia research library	5(1), 18-21, 2014
3.	Synthesis, Characterization and antimicrobial activity of Novel Mannich base	Asian Journal of Biochemical and Pharmaceutical Research	4(4), 218-223, 2014 Impact Factor: 0.456
4.	One-pot Synthesis of 3, 4-Tetrahydropyrimidine-5- Carboxylate using Lanthanum (III) Chloride (LaCl ₃ .7H ₂ O) as a catalyst	World Journal of Pharmaceutical Research	4(7), 1115-1125, 2015 Impact Factor: 5.990.
5.	Physico Chemical Characteriscits of Groundwater of Cuddalore District, Tamilnadu, South India	Journal of Chemistry and Chemical Sciences	Vol.5(10), 542-549, October 2015
6.	Impact of Heavy Metals on Groundwater of Cuddalore District, Tamil Nadu	International Journal of Nano Corrosion Science and Engineering (IJNCSE)	2(5), 236-244, 2015

7.	One-pot three component (LaCl ₃ ·7H ₂ O) catalysed biginelli reaction for the synthesis of 1,2,3,4-tetrahydropyrimidine	World Scientific News (WSN)	35 , 87-99, 2016
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12. Details of Papers Presented:

1. Presented a paper in National seminar on “Recent advances in chemistry(NSRAC)” held at A.V.C.College (Autonomous) Mannampandal, Mayiladuthurai, on 27th & 28th February,2009

. **Title of the Paper:** Synthesis and biological application of imidazole derivatives

2. Presented a paper in State level seminar on “recent advances in chemistry” held at Periyar E.v.r college (Autonomous), Tiruchirappalli-20 on 16th &17th March, 2009.

Title of the Paper: Environmental toxicity studies of bioactive heterocyclic compounds and its characterization

3. Presented a Paper in National seminar on pioneering areas in chemistry organized by Devanga Arts College Aruppukottai, Virudhunagar (Dt.), during 20th & 21th January 2010.

4. Presented a Paper in the National Conference on “Current Trend in Chemistry Research” (**NCTCR-2013**), Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli during February 27th & 28th 2013.

Title of the Paper: “Synthesis and biological study of mannich base derivatives from carbozole”.

5. Presented a Paper in the National Conference on “Current Trend in Chemistry Research” (**NCTCR-2013**), Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli during February 27th & 28th 2013.

Title of the Paper: Synthesis, Characterisation and antimicrobial activity of 1-[(3-nitrophenyl)(2-phenyl hydra zinyl)methyl]-1-h-benzimidazole.

6. Presented a Paper in International Conference conducted by Bishop Heber College (Autonomous) , Tiruchirappalli during 9th &10th January 2014.

Title of the Paper: Physico-chemical characteristics of ground water around Cuddalore district, Tamilnadu.

7. Presented a Paper in International Conference on Chemical and Environmental Research (**ICCER-2014**), Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli during 11th and 12th March 2014.

Title of the Paper: Synthesis and antimicrobial activity of some new mannich base derivatives

8. Presented a Paper in International Conference on Chemical and Environmental Research (**ICCER-2014**), Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli during 11th and 12th March 2014.

Title of the Paper: Synthesis, Characterization and biological study of n-(((4h-1,2,4-triazole-4yl)amino)4-(dimethylamino)phenyl] benzamide.

9. Presented a Paper in International Conference on **“Chemical and Materials”** organized by Department of Chemistry, Bharathidasan institute of technology BIT campus, Anna University, Tiruchirappalli during 14th & 15th November 2014.
Title of the Paper: Variation in physio chemical characters of ground water quality among taluk of Cuddalore, Tamil Nadu.

10. Presented a Paper in National Conference of **“Current Scenario In Material Chemistry (CSIMC2015)”** Organized by PG & Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli during 09th and 10th February 2015.

Title of the Paper: Synthesis, Characterisation and Antimicrobial activity of noval Mannich bases

11. Presented a Paper in International Conference on Chemical and Environmental Research (**ICCER-2015**), Organized by PG & Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 17th March 2015.

Title of the Paper: A fast one-pot multi-component synthesis of Tetrahydroquinazoline in the presence of Lanthanide(III) Chloride using as a catalyst.

13. Details of Seminars / Conferences / Workshops Participated:

1. Participated a seminar on **“renewable energy-energy of the future”** held at National College of Engineering, Tirunelveli on 20th August 2005.
2. Participated a seminar on **“Modern Techniques in Chemistry”** held on March 5th & 6th, 2008, at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu.
3. Participated UGC sponsored State Level Seminar on **“Frontier Studies in Chemistry”** held on February 9th & 10th, 2010, organized by the PG & Research Department of Chemistry at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu.
4. Participated UGC sponsored State Level Seminar on **“Recent Trends in Chemical Research (RTCR-2010)”** conducted by the PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli during 5th & 6th October 2010.
5. Attended the Seminar on **“Creating Competitiveness to excel in higher education – a TQM approach”** organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th December 2010.
6. Participated in the State Level Seminar on **“New Vistas in Chemistry” (NVS-2012)** organized by the PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on the 4th & 5th January 2012.
7. Participated in the one day seminar on **“Teaching, Learning and Research in Higher Education – Excellence and Beyond Excellence”** organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli during 7th March 2012.

8. Participated in the **“National Chemistry Day Celebrations – 2013”**, on 10th December 2013. organized by Department of Chemistry, AVVM Sri Pushpam College (Autonomous), Poondi, Sponsored by Association of chemistry Teachers Mumbai.
9. Participated in the two day National Conference of **“Indian National conference on development in Inorganic Applications (INDIA-2015)”** , organized by Department of Chemistry, School of Physical Sciences, Periyar University, Periyar Palkali Nagar, Salem during 15th & 16th October 2015.
10. Participated in a one day Inter-Collegiate workshop on **“E- content development for teaching – learning”** jointly organized by the internal quality assurance cell and JMC alumni association Singapore chapter at Jamal Mohamed College, Tiruchirappalli on 22nd December 2015.

14. Administrative position held in the College:

Served as Sub- Warden in Khajamian Hostel, Jamal Mohamed College, from 2010 - 2014.