

Jamal Mohamed College (Autonomous), Tiruchirappalli-20

RESUME

Department of Chemistry (Aided)



1. Name : **Dr. M. MOHAMED SIHABUDEEN**
2. Sex : Male
3. Designation : Additional Vice Principal & Head
4. Date of birth : 21.05.1963
5. Address:

Residential:

17, Khajamalai main Road,
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S.No.	Examination Passed	University / College	Year of Passing
1.	M.Sc.	Bharathidasan University	1985
2.	M.Phil.	Bharathidasan University	1988
3.	Post-Graduate Diploma in Computer Applications	Bharathidasan University	1991
4.	B.Ed.	Annamalai University	1992
5.	Ph.D.	Bharathidasan University	2008

7. Experience:

Undergraduate : 30 years
Postgraduate : 30 years
M.Phil. : 14 Years

8. Languages known : Tamil and English

9. Areas of Specialization : Synthetic Organic Chemistry, Industrial Chemistry and Electro Chemistry

10. Subjects Taught:

Under Graduate:

1. Organic Chemistry
2. Applied Chemistry

Post Graduate:

1. Pharmaceutical Chemistry
2. Organic Chemistry

M. Phil:

Instrumentation Techniques

11. Research Supervision :

M.Phil Degree – Thesis Completed – 28
Thesis Pursuing – 5
Ph.D. Degree – Thesis Pursuing – 8

12. 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 ($\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$) 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.	Study on ground water pollution at Tiruchirappalli town, Tamil Nadu	Advances in Applied Science Research, Pelagia research library	6(5),1-5,2015
7.	Studies on heavy metal pollution of ground water in and around Trichy town, Tamilnadu, India	Advances in Applied Science Research, Pelagia research library	6(8),155-160,2015
8.	Monitoring the quality of ground water pollution in and around Trichy town, Tamil Nadu	Der Chemica Sinica	6(4), 39-42, 2015
9.	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
10.	One-pot three component ($\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$) catalysed biginelli reaction for the synthesis of 1,2,3,4-tetrahydropyrimidine	World Scientific News (WSN)	35 , 87-99, 2016

13. Details of Papers Presented:

1. Presented a paper in the CSIR sponsored "**National Seminar on corrosion and its control**" Conducted by National corrosion council of India and PG and Research Department of Chemistry, Holy cross College(Autonomous), Tiruchippalli-2 during 31st November and 1st December 2007.

Title of the Paper: "A study on corrosion inhibition of mild steel by Phosphonium compounds".

2. Presented a paper in the CSIR sponsored "**National Seminar on corrosion and its control**" Conducted by National corrosion council of India and PG and Research Department of Chemistry, Holy cross College (Autonomous), Tiruchippalli-2 during 31st November and 1st December 2007.

Title of the Paper: "A study on corrosion inhibition of mild steel by Phosphonium compounds in acid medium".

3. Presented a Paper in the National Conference on "Emerging Trends in Chemical Sciences" (**NCETCS'12**) organized by the Department of Chemistry, Gnanamani College of Technology & Gnanamani College of Engenering, Namakkal on April 18, 2012.

Title of the Paper: "Synthesis and Characterization of N- Mannich Bases of Carbazole".

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-20, Tamilnadu, 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-20, Tamilnadu, February 27th & 28th 2013.

Title of the Paper: Synthesis, Characterisation and antimicrobial activity of 1-[(3-nitrophenyl)(2-phenyl hydrazinyl)methyl]-1H-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 -20 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 -20 during 11th and 12th March 2014.

Title of the Paper: Synthesis, Characterization and biological study of n-[(4-(1,2,4-triazole-4-yl)amino)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 physico-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.

14. Details of Seminars / Conferences / Workshops Attended:

1. Participated in the UGC Sponsored "**National Symposium on Recent Trends in Heterocyclic Chemistry**" (**NSRTHC-2004**) Conducted by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchippalli-20 during 24 & 25 September 2004.
2. Participated in the UGC sponsored State Level Seminar on "**Emerging Trends in Chemistry**" Conducted by PG & Research Department of Chemistry Jamal Mohamed College (Autonomous), Tiruchirappalli 9th March 2006.
3. Participate a seminar on "**Advanced Topics in chemistry**" Conducted by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy on 13th & 14th March 2007.
4. Participated in the National seminar on **Recent advances in Textile and Electrochemical Sciences** (RATES-2007) organized by Department of Industrial Chemistry, Alagappa University, Karaikudi on June 1st and 2nd 2007.

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 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.
7. 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.

15. Details of Seminars / Conferences / Workshops Organized ----

1. Convener – UGC sponsored two days state level seminar on the topic **“Frontier Studies in Chemistry”** at PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 9th and 10th February 2010.
2. Coordinator - UGC sponsored two days **“International Conference on Chemical and Environmental Research (ICCER-2014)”**, Organized by PG & Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli -20 during 11th and 12th March 2014.
3. Coordinator - UGC sponsored National Conference of **“Current Scenario In Material Chemistry (CSIMC2015)”** at PG & Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli during 09th and 10th February 2015.
4. Coordinator - UGC sponsored two days **“International Conference on Chemical and Environmental Research (ICCER-2015)”**, Organized by PG & Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli -20 on 17th March 2015.

16. Administrative Positions held in the College:

- Acting as Registrar of Attendance, From 2008 - Till date
- Head of the Department of Chemistry, From June 2013 – Till date

17. Details of In charge / Membership in Committees for Autonomous Programme Implementation:

- ✓ Acted as vice-president, chemistry Association during 1996-97
- ✓ Acted as Vice-President, Chemistry Association for the Academic year 2007- 2008.
- ✓ Acting as Member, Internal Quality Assurance Cell for the year 2009 - Till date.
- ✓ Member – Board of Studies, Department of Chemistry, Rajah Serfoji Govt. Arts College, Thanjavur for 3 yrs.
- ✓ Member in-charge of Value education, Jamal Mohamed College (Autonomous), Tiruchirappalli-20
- ✓ Member in-charge of Gender Studies, Jamal Mohamed College (Autonomous), Tiruchirappalli-20
- ✓ Chairman - Board of studies, PG & Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-20