

**JAMAL MOHAMED COLLEGE (Autonomous)
PG & RESEARCH DEPARTMENT OF CHEMISTRY**

RESUME (as on 25.01. 2016)



1. Name : Dr. M. ANWAR SATHIQ
2. Sex : MALE
3. Designation : Assistant Professor of Chemistry
4. Date of birth : 15-06-1980
5. Address:
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Jamal Mohamed College
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6. Educational Qualification :

S.No	Examination Passed	College/University	Month & Year of Passing
1	B.Sc. Chemistry	Jamal Mohamed College	April -2001
2	M.Sc. Chemistry	Jamal Mohamed College	April -2003
3	M.Phil. Chemistry	St. Joseph's College	March - 2005
4	PGDCA	Alagappa University	April-2011
5	Ph.D., Chemistry	Jamal Mohamed College	September- 2012

7. Experience :
- UG : 11 Years 7 months
PG : 11 Years 7 months
M.Phil : 08 Years
8. Language Known : Tamil, English.
9. Areas of Specialization: Physical Chemistry- Corrosion inhibitors.

10. Subjects Taught :
- | | | |
|---------|---|--|
| UG | : | Inorganic, Organic and Physical Chemistry, Computers in Chemistry, Value Education |
| PG | : | Spectroscopy, Inorganic Chemistry, and Physical Chemistry |
| M. Phil | : | Computer Applications in Chemistry and Spectroscopy. |

11. Research Supervision:

M.Phil. Degree : 11
Ph.D. Degree : Nil

12. Seminars / Conferences / Workshops Attended:

Conference / Seminar attended without presenting paper -

1. Attended a UGC Sponsored “**National Symposium on Recent Trends in Heterocyclic Chemistry** (NSRTHC-2004)” Conducted by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchippalli-20 during 24 & 25th September 2004.
2. UGC sponsored State Level Seminar on “**Emerging Trends in Chemistry**” Jamal Mohamed College, Tiruchirappalli 9th March 2006.
3. Attended a TANSICHE and UGC Sponsored Three day Workshop on “**Curriculum Development and Evaluation**” Organized by UGC-Academic Staff College, Bharathidasan University, on 2-4th March 2006.
4. Attended a seminar on “**Advanced Topics in chemistry**” Jamal Mohamed College, Trichy on 13th & 14th March 2007.
5. Attended a seminar on “**Modern Techniques in Chemistry**” held on March 5 & 6, 2008, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
6. Attended UGC sponsored State Level Seminar on “**Frontier Studies in Chemistry**” held on February 9 and 10, 2010, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
7. Participated NAAC sponsored National Seminar on “**Quality Enhancement in Teaching, Research and Extension in Higher Education Institutions-Prospects and Problems**” organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli -20, during 15th & 16th April 2010.
8. 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, Tiruchirappalli -20 during 5th and 6th October 2010.
9. 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 -20, on 8th December 2010.

10. Attended the seminar on “Recent Developments in Chemistry” held on 29th August 2011 at School of Chemistry, Bharathidasan University, Tiruchirappalli-24.
11. Participated a one day inter-collegiate workshop on “ **E-Content Development for Teaching-Learning**” organized by Internal Quality Assurance Cell & JMC Alumni Association, Jamal Mohamed College (Autonomous), Tiruchirappalli -20, on 22nd December 2015.

13. Papers Presented :

01. Presented a Paper entitled “Study of the Effect of 3-isopropyl-2,6-diphenyl piperidin-4-one act as inhibitor for the corrosion of mild steel in acidic medium.”, at the DST-FIST sponsored National Conference on recent trends in chemistry (NCRTC-2007) organized by Bishop Heber College (Autonomous), Tiruchirappalli-17
02. Presented a Paper in the “National symposium on Frontier areas in Chemistry” Sponsored by UGC, DST, DRDO & CSIR, organized by The American College, Madurai on January 10 and 11, 2008.
Title: “A Study of inhibitive influence of N-Nitroso-3-methyl-2,6-diphenylpiperidin-4-one on the corrosion of mild steel in 1M HCl medium”.
03. Attended and presented a paper entitled “ Study on the effect of 2,6-bis(4-methoxyphenyl)-3- methylpiperdin-4-one act as corrosion inhibitor for the corrosion of mild steel in 1 M H₂SO₄ medium” on 18th September 2009 in the National Conference on Recent Advances in Chemistry organized by the Chemistry Dept., Bishop Heber College, Trichy – 17.
04. Participated and presented a paper entitled “Study on the effect of N-(1-morpholinobenzyl)urea acting as corrosion inhibitor for the corrosion of mild steel in 1M H₂SO₄ medium“ in the national conference on Recent Advances in Textile and Electrochemical Sciences held at Alagappa University, Karaikudi during December 4th -5th of 2009.
05. Presented a paper entitled “ Adsorption and Corrosion inhibition effect of N-(1-Morpholinobenzyl)acetamide on mild steel in 1M H₂SO₄ medium in the state level Two days Seminar on “Recent Trends in Chemical Research (RTCR-2010)” Conducted by PG and Research Department of Chemistry, Jamal Mohamed College, on 5-6th October 2010.
06. Presented a paper entitled “Adsorption and corrosion inhibition effect of 4-[(3-nitrophenyl)(2-phenylhydrazinyl)methyl]morpholine on mild steel in sulphuric acid medium” in the International Conference on Chemical and Environmental Research (ICCER-2014), Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), during 11-12, March 2014.
07. Presented a paper entitled “Adsorption and corrosion inhibition effect of 4-[(3-nitrophenyl)(2-phenylhydrazinyl)methyl]morpholine on mild steel in sulphuric acid medium” in the International Conference on Chemical and Environmental Research (ICCER-2014), Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), during 11-12, March 2014.
08. Presented a paper entitled “Adsorption and Corrosion inhibition efficiency of 4-[3-nitrophenyl)(2-phenylhydrazinyl)methyl]morpholine on mild steel in 2.0 M HCl medium” in

the UGC Sponsored National Seminar on “ New Opportunities and Challenges in Chemical Research” organized by PG and Research Department of Chemistry A. V. V. M. Sri Pushpam College, Poondi, Thanjavur, in collaboration with Association of Chemistry Teachers Mumbai, held on 29-30th December, 2014.

09. Presented a paper entitled “N-((4-chlorophenyl)(morpholino)methyl)acetamide as corrosion inhibitor for mild steel in hydrochloric acid medium” in the National Conference on Current Scenario in Material Chemistry (CSIMC-2015), Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), during 09-10th, February 2015.

10. Presented a paper entitled “N-((4-chlorophenyl)(morpholino)methyl)urea as corrosion inhibitor for mild steel in hydrochloric acid medium” in the International Conference on Chemical and Environmental Research (ICCER-2015), Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on December 2015.

14. Publications:--

S.No	Title of the Article	Name of the Journal	Vol. No, Page No. & Year	Impact Factor
1	Dialkyl sulphides as inhibitors for the corrosion of Zinc in acidic solutions	JARJ	3(2), 22-26 (2006)	-
2	Effect of 2,6 - diphenylpiperidin-4-one derivatives as inhibitors for the corrosion of mild steel in sulphuric acid medium	Bulletin of Electrochemistry	23, 237, (2007).	0.6
3	Adsorption and corrosion inhibition of mild steel in hydrochloric acid medium by N-[morpholin-4-yl(phenyl)methyl]benzamide	International Journal of Engineering Science and Technology	2(11), 6417 – 6426 (2010).	1.2
4	Adsorption and corrosion inhibition effect of N-(1-morpholinobenzyl)urea on mild steel in acidic medium	E-Journal of Chemistry	8(2), 621-628, 2011	0.484
5	Adsorption and corrosion inhibition of mild steel in sulphuric acid solution by N-[morpholin-4-yl (phenyl) methyl] benzamide	Instasci Journal of Chemistry	1(1), 18-33 2011	-
6	N-(morpholine-4-yl(phenyl)methyl)acetamide as corrosion inhibitor for mild steel in hydrochloric acid solution	Arabian Journal of Chemistry	doi:10.1016/j.arabjc.2011.07.024, 2011	3.266
7	Comparative study of N-[(4-methoxyphenyl)(morpholin-4-yl)methyl]acetamide (MMPA) and N-[morpholin-4-yl(phenyl)methyl]acetamide (MPA) as corrosion inhibitors for mild steel in sulfuric acid solution	Arabian Journal of Chemistry	doi: 10.1016/j.arabjc.2012.07.032, 2012	3.266

8	N-((4-chlorophenyl)morpholin-4-yl)methyl)acetamide as corrosion inhibitor for mild steel in hydrochloric acid medium	<i>Der Chemica Sinica</i>	6(5), 96-103, 2015.	-
9.	Study on the inhibition of mild steel corrosion by N-((4-chlorophenyl)(morpholino)methyl)urea in hydrochloric acid medium	<i>Advances in Applied Science Research</i>	6(11):165-172, 2015.	-

15. Participation in Extracurricular Activities

Acted as a vice president of Chemistry Association from 2013-2015 (2 Years)

16. Orientation /Refresher Courses Attended

1. Participated in the UGC sponsored orientation course organized by academic staff college, Bharathidasan University, Tiruchirappalli-23, from 20.05.10 to 16.06.10.
2. Participated in the UGC sponsored Refresher course organized by academic staff college, Bharathidasan University, Tiruchirappalli-23, from 20.11.2012 to 10.12.2012.
3. Participated in the UGC sponsored Refresher course organized by UGC-HRDC, Madras University, Chennai, from 11.08.2015 to 31.08.2015.

Signature of the Staff