



Since 1951

## PG AND RESEARCH DEPARTMENT OF CHEMISTRY

### JAMAL MOHAMED COLLEGE (Autonomous)

College with Potential for Excellence  
Accredited (3<sup>rd</sup> Cycle) with 'A' Grade by NAAC  
DBT Star College Scheme & DST-FIST Funded  
(Affiliated to Bharathidasan University)  
Tiruchirappalli – 620 020



### RESUME

1. Name : **Dr. J. MUNEER AHAMATH**
2. Qualification : M.Sc., M.Phil., Ph.D.,
3. Designation : Assistant Professor of Chemistry
4. Date of Birth : 15.05.1984
5. Address:

RESIDENTIAL	OFFICIAL
17 / 72, Sulaimaan Hazarath Street Samad School Opposite Khaja Nagar, Tiruchirappalli-620 020. Mobile: 097513 83954. E-mail: muneerahamath7@gmil.com	PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli – 620 020. Ph.: 0431- 2331235*315 E-mail: <a href="mailto:jm@jmc.edu">jm@jmc.edu</a>

### 6. Educational Qualification

S.No.	Examination Passed	University / College	Year of Passing
1.	B.Sc. (Chemistry)	Bharathidasan University, Trichy.	2004
2.	M.Sc. (Chemistry)	Jamal Mohamed College (Autonomous)	2007
3.	M.Phil. (Chemistry)		2008
4.	Ph.D (Chemistry)		2015

7. Experience : Under Graduate 14 Years  
Post Graduate : 14 Years  
M.Phil : 10 Years
8. Languages Known : Tamil, English
9. Subjects Taught : UG : General Chemistry  
PG: Organic Chemistry
10. Areas of Specialization : Phytochemistry and  
Environmental Chemistry

**Patent received: Phytochemistry**

**Research Experience and Guidance:**

- ❖ Extensive researcher having fourteen years of research experience since 2008.
- ❖ Acted as a project guide for M.Sc., and M.Phil.,

**Technical Skills to Operate Instruments**

- Thin Layer Chromatography
- Column Chromatography
- Ultra violet-Visible Spectrometer
- Infra-Red Spectrometer
- Soxhlet Extraction method, etc

**Computer Skills**

- Well-versed in administrative packages such as Ms Word, excel and power point etc.

**Extra-Curricular Activities**

- Acting as staff In-charge of Deeniyath Essay competition for the academic year 2015- 2016.

**Administrative position held in the  
Department**

- Department CIA-Test Incharge (2016-2019)
- Class Tutor (2016 to 2018 & 2022 till date)
- M.Phil., Admission Committee Member
- Department Member- Board of Studies
- Department ERP Incharge from 2020 to till date
- Association Vice-President from 2020 to till date

## College:

- Time Table and Calendar incharge from 2018 to till date
- Member of JMC Alumni Association
- Faculty Member in Deeniyath Education (2009 onwards)

## Publications

1. Structural Identification of the Phytoconstituents of the Chloroform Extract of *Catharanthus roseus*. L using GC-MS, proceeding of the “National Conference on Current Trend in Chemistry Research” (NCTCR-2013), 27<sup>th</sup> and 28<sup>th</sup> February 2013. Jamal Mohamed college , Tiruchirappalli,
2. Evaluation of Antibacterial and Antifungal activity of medicinal plant *Solanum erianthum* D. Don, *International Journal of Drug Discovery*, 9(22), 35-39, 2014.
3. Evaluation of Pharmacognostic, Physicochemical Studies and Heavy Metal Analysis of Medicinal Plant *Solanum Erianthum* D .Don, *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(5), 1601-1606, 2014.
4. Phytochemical, *in vitro* antibacterial and antifungal analysis of leaf extracts of *Solanum Erianthum* D. Don, *World Journal of Pharmaceutical research*, 4(5), 1805-1811, 2014.
5. Phytochemical studies and antibacterial activities of *Amaranthus spinosous*.L. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(12), 1692-1697, 2014.
6. Phytochemical screening and Anti-microbial activity of *Phyllanthus niruri*, *Journal of Advanced Applied Scientific Research*, 2017, Volume 1, No. 7.
7. In vitro anti-diabetic activity of *Solanum Erianthum*. journal for Infokara research 2019, Volume 8, Issue 12.
8. GCMS analysis from hydroalcoholic extract of *Solanum Erianthum*. Adalya journal, 2019, Volume 8, Issue 11, 682-689.

### **Seminars / Conferences /Workshops Attended**

1. Attended UGC sponsored State Level Seminar on “Emerging trends in Chemistry” held on March 9<sup>th</sup>, 2006, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
2. Attended a seminar on “Advanced Topics in chemistry” held on March 13<sup>th</sup> & 14<sup>th</sup>, 2007, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
3. Attended a seminar on “Modern Techniques in Chemistry” held on March 5<sup>th</sup> & 6<sup>th</sup>, 2008, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
4. Attended UGC sponsored State Level Seminar on “Frontier Studies in chemistry” held on February 9<sup>th</sup> and 10<sup>th</sup>, 2010, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
5. Attended 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 October 5<sup>th</sup> and 6<sup>th</sup>, 2010.
6. Attended 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 15<sup>th</sup> & 16<sup>th</sup> April- 2010.
7. Attended the Seminar on “Creating Competitiveness to excel in higher education – TQM approach” organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli -20, on 8<sup>th</sup> December -2010.
8. Attended UGC sponsored State Level Seminar on “New Vistas in Chemistry” held on February 5 and 6, 2011, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
9. Attended 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 -20, during 7<sup>th</sup> March 2012.

10. Attended “National Conference on Current Trend in Chemistry Research” (NCTCR- 2013) in Jamal Mohamed College, on 27th & 28th February 2013, Tiruchirappalli – 20.
11. Attended International Conference on Chemical and Environmental Research (ICCER-2014), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 11<sup>th</sup> and 12<sup>th</sup> March 2014.
12. Attended Current Scenario in material Chemistry (CSIMC-2015), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 9<sup>th</sup> and 10<sup>th</sup> February 2015.
13. Participated a One Day Workshop on ‘The Role of a Teacher in the present Scenario’ Organized by the Internal Quality Assurance cell of Jamal Mohamed College (Autonomous), Tiruchirappalli on 10<sup>th</sup> December 2016.
14. Participated a One Day State level Symphoria-17 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 07<sup>th</sup> January 2017.
15. Participated a One Day State level Symphoria-18 Organized by PG and Research Department of Chemistry Jamal Mohamed College (Autonomous), Tiruchirappalli on 20<sup>th</sup> February 2018.
16. Participated a One Day Workshop on Soft Skills Training Organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22<sup>n</sup> June 2018.
17. Participated a One Day Workshop on ‘Writing Winnable Project Proposal’ Organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 23<sup>rd</sup> June 2018.
18. Participated a one-day seminar on the “The MHRD Draft proposal for Higher Education Commission of India (Repeal of UGC Act, 1956) Act 2018, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 14<sup>th</sup> July 2018.

19. Participated in the UGC CPE Sponsored Two-Day Workshop on Professional Development for Academic Leadership in Curriculum Design organized by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 18<sup>th</sup> and 19<sup>th</sup> January 2019.
20. Participated in the National level seminar on “Advance Topics in Physics (NSATP-19) ” organized by PG and Research Department of Physics, Jamal Mohamed college (Autonomous), Tiruchirappalli held on 06<sup>th</sup> March, 2019.
21. Participated in the “Staff Enrichment Programme on Ownership Culture” organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed College (Autonomous), Tiruchirappalli held on 14<sup>th</sup> June 2019.
22. Participated in the workshop on “Quality enhancement of Research: New Paradigm in Trans- disciplinary approaches and IPR” organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed College (Autonomous), Tiruchirappalli held on 6<sup>th</sup> September 2019.
23. Participated a One Day State level Symphoria ‘19 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13<sup>th</sup> February 2019.
24. Participated in the “Orientation Programme on MOOC’s and e-Learning” organized by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli on 29<sup>th</sup> January 2020.
25. Participated a One Day State level Jam Chem Fest‘20 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27<sup>th</sup> February 2020.
26. Participated in the FDP on “E-Content Development” organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed College (Autonomous), Tiruchirappalli from 30.06.2020 to 04.07.2020.
27. Participated in the webinar on “Patent Filing Process and Challenges” organized by the Intellectual Property Rights Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 30.09.2021.

28. Participated in the Short Term FDP on “Digital Teaching and Learning” Organized by PG and Research Department of Chemistry, under the DBT star College scheme, Jamal Mohamed College (Autonomous), Tiruchirappalli from 24.01.2022 to 29.01.2022.

### Paper presented

1. Presented a Paper entitled “Phytochemical and Anti – Microbial studies of *Aerva lanata. L*” International Conference on Industrialization of Institutional Research on phytomedicine sponsored by Tamilnadu state council for higher education. Organized by P.S.G.R.Krishanamal College For Women, Coimbatore 8<sup>th</sup> and 9<sup>th</sup> January, 2009.
2. Paper presented in the National conference on “Exploration of the National Bio-active Compounds from there Marine resources” Bharathidasan University, Tiruchirappalli entitled “Phytochemical analysis of *Catharanthus Roseus. L*” on 10<sup>th</sup> and 11<sup>th</sup> August 2011.
3. A paper presented in the National conference on Current trend in chemistry Research at Jamal Mohamed College, Tiruchirappalli entitled “Antimicrobial and Phytochemical analysis of a medicinal plant” on 27<sup>th</sup> and 28<sup>th</sup> February 2013.

### Orientation / Refresher Courses attended:

Orientation / Refresher Course	Institution where attended and Place	Date(s) DD-MM-YYYY
Orientation Programme	Bharathidasan University, Trichy	18.05.2018 to 14.06.2018
Refresher Course in Chemistry	Bharathidasan University, Trichy	20-09-2019 to 03-10-2019
Orientation Programme on MOOC's and e-Learning	Department of Library, Jamal Mohamed College,	29-01-2020

Refresher Course in Chemistry	HRDC – Gujarat University, Ahamadabad	16-08-2021 to 29-08-2021
Faculty Enrichment Programme	Internal Quality Assurance Cell, Jamal Mohamed College(Autonomous) Tiruchirappalli	21-06-2021 to 25-06-2021
Online Faculty Enrichment Programme	PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous) Tiruchirappalli	21-06-2021 to 25-06-2021
Online Faculty Enrichment Programme	Department of Library in association with IQAC , Jamal Mohamed College(Autonomous) Tiruchirappalli	28-07-2021

**Certificate of Participation:**

- Received a certificate for securing first class in the Deeniyath Competitive Examination conducted by Jamal Mohamed College, during the year 2002-2003.
- Received a third prize in the Deeniyath Competitive Examination conducted by Jamal Mohamed College, during the year 2003-2004.