

Curriculum Vitae

1. Name : **Dr. K. RIAZ AHAMED**

2. Sex : MALE

3. Date of birth : 27.12 1964

4. Address:

Residential : No: 8, Sayed sahib street,
Kaja nagar,
Trichy-620020

Phone: 0431-4345218

Mobile. No: 9487192642

Email: profriaz@yahoo.co.in



5. Educational Qualifications:

S.No.	Examination Passed	University / College	Year of Passing
1.	Certificate in Arabic	Bharathidasan University	1984
2.	Diploma in Arabic	Bharathidasan University	1985
3.	B.Sc.(Chemistry)	Bharathidasan University	1986
4.	M.Sc.(General Chemistry)	Bharathidasan University	1990
5.	M.Phil.(General Chemistry)	Bharathidasan University	2009
6.	Ph.D.	Bharathidasan University	2010

6. Experience

Undergraduate : 30 Years

Postgraduate : 30 Years

7. Areas of Specializations : Environmental Chemistry and Analytical Chemistry.

8. Languages known : Tamil & English

9. Subjects Taught:**Under Graduate/ Postgraduate :** 1.Organic Chemistry

2. Industrial Chemistry

3. Analytical Chemistry

M.Phil : Physical Methods in Chemistry.**10. Research Supervision****M.Phil. Degree – Completed:** 20**Pursuing :** 01**Ph.D. Degree - Completed:** 06**11. Orientation/ Refresher Course**

S. No.	Name of the Training	Name of the sponsoring agency	Place and Date
1.	83rd Orientation Programme	UGC-Academic Staff College	Bharathidasan University, Trichirappalli, 20/05/2014 to 16/06/2014 obtained “ A” Grade.
2.	Refresher Course in Chemistry	UGC- Human Resource Development Centre	Devi Ahilya vishwavidyalaya, Indore , Madhyapradesh 09.11.2017 to 29.11.2017 obtained “ A” Grade.
3.	Refresher Course in Chemistry	UGC-Academic Staff College	Bharathidasan University, Tiruchirappalli-620 023 20.09.2019 To 03.10.2019 obtained “ A” Grade .
4.	Refresher Course in Chemistry	UGC-Academic Staff College	Madurai Kamaraj University, Madurai – 625 021 10.11.2021 To 23.11.2021 obtained “ A” Grade.

12. Details of Publications :

1. Physico - chemical analysis of Bore water of Khaja nagar Trichy, Tamil Nadu, **JARJ**: Int. 3(2), 20-21, 2006.
2. Preparation and characterization of Activated Carbon from the plant *Prosopis juliflora*, **Asian Journal of Chemistry**, 2008.
3. K. Riaz Ahamed, T. Chandrasekaran, A. Arun Kumar “Characterization of Activated Carbon prepared from Albizia lebbeck by Physical Activation” **IJIRI**, vol.1, Issue 1, pp: (26-31), Month: October-December **2013**.
4. T. Chandrasekaran, A. Arunkumar, K. Riaz Ahamed “Preparation and Characterization of a Chemically Activated derived from the Natural Plant GMC”**WJPPS**, Vol 3, Issue 7, pp(1644-1654), **2014**.
5. A. Arunkumar, T. Chandrasekaran, K. Riaz Ahamed “Preparation of Activated Carbon from the stem of the natural plant *Vitex Negundo* and evaluation of their physical and chemical properties” **IJITEE**, vol 4, issue 2, pp(1-6), **2014**.
6. G. Velmurugan, K. Riaz Ahamed, Raja S. Azarudeen “Novel comparative studies: synthesis, characterization and thermal degradation kinetics of a terpolymer and its composite for the removal of heavy metals” **Iranian Journal of Polymer**, **2014**.
7. T.Chandrasekaran, A.Arunkumar, K.Riaz Ahamed “Preparation and Catalytic Activity of TiO₂-AC Material for Photodegradation of Malachite Green under Direct Solar Radiation” **IJIRST**, vol 1, issue 12, pp (7-12) may **2015**.
8. K.Riaz Ahamed, G.Velmurugan, and Kanagaraj “Sorption behavior of heavy metal ions using a terpolymeric resin and its composite: synthesis, characterization and ion-exchange studies” **JOCPR**, vol 7 (8), pp(897-906), 2015.
9. A.Arunkumar, T. Chandrasekaran, K. Riaz ahamed* “ZnO doped with activated carbon for Photocatalytic degradation of Methylene Blue and Malachite Green on UV–visible light” **IJNCSE**, vol 2(5), pp(300-307), 2015.
10. K. Riaz ahamed and S. Manikandan “Assessment of Groundwater quality in some towns of vellore district, Tamilnadu, India” **WJPPS**, vol 4, issue10, pp(1209-1225), 2015.

11. Dr. K. Riaz Ahamed, Removal of lead (II) ion from aqueous solution using activated carbon prepared from plant *Glycosmis mauritiana*, Journal for Chemical and Pharmaceutical Research, 8(1), 704-711, 2016.
12. Dr. K. Riaz Ahamed, *Gomphrena globosa* leaves extract as an effective green corrosion inhibitor for mild steel in 1.0 N HCl, European Journal of Biomedical and Pharmaceutical Sciences, 5(2), 938-945, 2018.
13. Dr. K. Riaz Ahamed, Adsorption of Cd(II) from Aqueous solution by activated carbon Prepared from "Vitex negundo stem" Journal of Chemical and Pharmaceutical Research, 9(3) 95-102, 2017
14. Dr. K. Riaz Ahamed, Natural products as corrosion inhibitors-A Review, World Journal of Pharmaceutical Research, 6(17), 410-418, 2017.
15. Dr. K. Riaz Ahamed, Corrosion mitigation of mild steel in acid media by *wattakaka volubilis* leaves extract, International journal of recent scientific research, 8(12), 22417-22422, 2017
16. Dr. K. Riaz Ahamed, Plant extracts as corrosion inhibitors-A Review, European Journal of Biomedical and Pharmaceutical Sciences, 5(3), 192-198, 2018
17. Dr. K. Riaz Ahamed, Potential of Croton bonplandianum as a green corrosion inhibitor against mild steel in acid medium, Journal for Advanced Research in Applied Sciences, 5(1), 391-403, 2018.
18. Dr. K. Riaz Ahamed, Green Approach to Corrosion Inhibition of Mild Steel in Acid Medium by Aqueous Extract of *Pedaliu murex* L. Leaves, Der Pharma Chemica, 10(S1), 21-28, 2018.
19. Dr. K. Riaz Ahamed, Electro-chemical studies of *Gomphrena globosa* leaves extract as a green corrosion inhibitor for mild steel in acid medium", Ijarsd Journal for Advanced Research in Applied Sciences, 5(3), 153-158, 2018.
20. Dr. K. Riaz Ahamed, Investigation Of The Corrosion Inhibition Of Mild Steel In Sulphuric Acid Solution By Using *Turnera Ulmifolia* Aqueous Leaves Extract" International Journal of Research and Analytical Reviews, 6(1), 238-244, 2019.
21. Dr. K. Riaz Ahamed, "Exploring *Nelumbo Nucifera* Aqueous Leaves Extract As A Green Corrosion Inhibitor For Mild Steel In Acid Medium" International Journal of Basic and Applied Research, 9(3), 555-565, 2019.

22. Dr. K. Riaz Ahamed, "Evaluation of Barleria prionitis Leaves Extract as A Green Corrosion Inhibitor for Mild Steel in Acid Medium" International Journal of Pharmacy and Biological Sciences, 9(2), 38-44, 2019.
23. Dr. K. Riaz Ahamed, "Evaluation Of Inhibitive Performance Of Allamanda cathartica Leaves Extract As Green Corrosion Inhibitor On Mild Steel In Acid Medium" Materials Today: Proceedings, 47(9), 2036 – 2047, 2021.

13. Details of Seminars / Conferences / Workshops Attended:

1. Participated in "Symposium On Recent Advance In Boiler House And Power Station Chemistry (HORIZON-96)" organized by the department of chemistry Regional Engineering College, Trichirappalli, on 26th October, 1996.
2. Participated in State level conference on "Water Management: Resources, Pollution and Effect on Health" Sponsored by UGC New Delhi at St. John's College, Palayamkottai on 8th and 9th August 2002.
3. 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, Tiruchirappalli- 20 during 24 & 25 September 2004.
4. UGC sponsored State Level Seminar on "Emerging Trends in Chemistry" Jamal Mohamed College, Tiruchirappalli 9th March 2006.
5. Participated In Workshop on "Curriculum Development and Evaluation" Organized by UGC- Academic Staff College, Bharathidasan University. 2nd, 3rd and 4th March 2006, at J.M.C Trichy.
6. Participated in National Conference on "Water and waste Water Management" (NACOWWAM -2006) Sponsored by All India Council of Technical education New Delhi. Ministry of environment and Forest Govt. of India New Delhi, Tamil Nadu State Council of Science and Technology Chennai, Board of Research in Nuclear Science – Department of Atomic Energy, Mumbai. At J. J. College of Engineering and Technology, Tiruchirappalli. On 24th and 25th August. 2006.
7. Attended a seminar on "Advanced Topics in chemistry" Jamal Mohamed College, Trichy on 13th & 14th March 2007.

8. Participated in seminar in **“Modern Techniques in Chemistry”** organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchy- 20, on 5th and 6th march 2008.
9. Attended UGC sponsored State Level Seminar on **“Frontier Studies in Chemistry”** held on February 9 and 10, 2010, at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu.
10. Participated in NAAC sponsored National level seminar on **“Quality Enhancements in Teaching, Research and Extension in Higher Education Institutions - Prospects and Problems”** Organised by Internal Quality Assurance, Jamal Mohamed College, Tiruchirappalli- 20. During April 15 and 16, 2010.
11. Participated in seminar on **“Creating Competitiveness to Excel in Higher Education - TQM”** Organised by Internal Quality Assurance, Jamal Mohamed College (Autonomous), Tiruchirappalli- 20. On 8th December, 2010.
12. Participated in one-day seminar on **“Teaching Learning and Research in Higher Education - Excellence and Beyond Excellence”** Organised by Internal Quality Assurance, Jamal Mohamed College (Autonomous), Tiruchirappalli - 20, on 7th march 2012.
13. State level seminar of **“New Vistas in Chemistry” (NVC-2012)** on 4 and 5th January 2012 conducted by PG and Research Department of Chemistry Jamal Mohamed College (Autonomous), Trichy-20.
14. National level conference on **“Current Trend in Chemistry Research (NCTCR-2013)”** on 27 and 28th Feb2013, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy-20.
15. Participated “international conference on chemical & environmental research (ICCER-2015) conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 on17th March 2015.
16. Participated “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 -20 on22nd December 2015.
17. Participated in the International conference on chemical and Environmental Research (ICCER -2017) , Jamal Mohamed College, Tiruchirappalli,07th January 2017.

18. Participated in the National Conference on Recent Developments in Chemistry (NCRDC – 2018), Jamal Mohamed College, Tiruchirappalli , 20th January 2018.
19. Attended the Seminar on The MHRD Draft proposal for Higher Education Commission of India (Repeal of UGC Act ,1956) Act 2018, Jamal Mohamed College, Tiruchirappalli , 14th July 2018.
20. Participated in the International conference on chemical and Environmental Research (ICCER -2018) , Jamal Mohamed College, Tiruchirappalli,19th December-2018.
21. Participated in the International conference on chemical and Environmental Research (ICCER -2020), Jamal Mohamed College, Tiruchirappalli, 8th January-2020.
22. Participated Swachhta Pakhwada – 2020 and acted as Judge in Competition on Water & Forest Conservation Organized by the UGC Nodal Office, Jamal Mohamed College, on 16-31 January 2020
23. Attended the Orientation Programme on Mooc's and e- learning Jamal Mohamed College, Tiruchirappalli on 29th January-2020.
24. Participated in 14 days online FDP on “Materials Science & Nanotechnology” Organized by Dept. of Chemistry, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai on 03-08-2020 to 17-08-2020
25. Participated in the FDP on “Digital Teaching and Learning” organized by Jamal Mohamed College, on 24 to 29 January 2022
26. Participated in the 7th International Conference on Innovations in chemical and Environmental Research (ICICER- 2022), Jamal Mohamed College, Tiruchirappalli, held on 25th May 2022.
27. Participated One Day FDP on “Prevalence of Fluoride and its Optical Detection” held on 24-01-2023 organized by PG and Research Department of Chemistry, Jamal Mohamed College, Trichy-20

14. Paper(s) presented :

1. Presented a paper entitled **“Physio-chemical Analysis of Waste water from chemical laboratory and simple treatment methods”** on 5th and 6th October 2010, in state level seminar in Recent Trends in Chemical Research, organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli - 20.

2. Presented a paper entitled **“Evaluation of Ground Water Quality in Jamal Mohamed College, Trichy, Tamil nadu”** on 4th and 5th January, 2012. In state level seminar on New Vistas in Chemistry (NVC – 2012), organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli - 20.
3. Presented a paper in national conference on Current Trend in Chemistry Research (NCTCR-2013) entitled **“Preparation and Characterization of Adsorbent Prepared From *Senna auriculata* By Physical Activation”** on 27th and 28th February 2013. Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli- 20.
4. Presented a paper in National Conference on Current Challenges in Environment (NC³E-2013) entitled **“Preparation and characterization of activated carbon prepared from *Albizia lebbek* by physical activation”** organized by PG and Research Department of Zoology, Jamal Mohamed College (Autonomous) on 7 and 8th March 2013.
5. Presented a Poster at the International Conference On Chemistry In Synergy With Materials And Biology (ICMB-2014) entitled **“Analysis Of Water Quality Parameter Of Ground Water Near Bharathavel Sago Factory Sarvoy, Salem District, Tamilnadu, India”**, held at Tiruchirappalli, Tamilnadu, India, on January 10&11, 2014.
6. Presented a paper entitled **“Analysis of water quality parameters of groundwater samples in Andakudi village, Thanjavur district, Tamil nadu”**, 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.
7. Presented a paper in National Conference on Advancement In Material Science (AMS-2014) entitled **“Removal of Heavy metal using Activated Carbon prepared from stem of Naturally available plant *Vitex negundo*”** organized by Department of Chemical engineering, Coimbatore Institute of Technology, Coimbatore, on 26 and 27th September-2014.
8. Presented a paper in National Conference on Advancement In Material Science (AMS-2014) entitled **“Synthesis and characterization of Terpolymer and its composite to involve ion-exchange and thermal degradation studies”** organized by Department of Chemical engineering, Coimbatore Institute of Technology, Coimbatore, on 26 and 27th September-2014.

9. Presented a paper in International Conference on Chemistry and Materials (ICCM-2014) entitled **“Removal of Malachite Green Using Adsorption On GMC/TiO₂ Material”** organized by Department of Chemical engineering, Coimbatore Institute of Technology, Coimbatore, on 14 and 15th November-2014.
10. Presented a paper in National Conference on “Current Scenario In Material Chemistry (CSIMC-2015) entitled **“Synthesis Characterization and Application of Terpolymer Metal Complex”** organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) on 9 and 10th Feb.2015.
11. Presented a paper in National Conference on “Current Scenario In Material Chemistry (CSIMC-2015) entitled **“Analysis of water quality parameter of ground water in the village Udumbiyaum situated near Dhanalakshmi sugar mill of Perambalur, Tamil nadu, India”** organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) on 9 and 10th Feb.2015.
12. Presented a paper in National Conference on “Current Scenario In Material Chemistry (CSIMC-2015) entitled **“Assessment of the Physico-Chemical parameters of the Ground water of Golden Rock area, Tiruchirappalli District”** organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) on 9 and 10th Feb.2015.
13. Presented a paper in the International conference on Chemical and Environmental Research (ICCER-2015) entitled **“Preparation of GMC/TiO₂ material and its application in degradation of dye”** organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) on 17th Dec. 2015.

15. Details of in charge / Participation in Extracurricular Activities: (NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Served as in NCC Cadet and Passed “A” Certificate Examination conduct by the Ministry of defence.

16. Details of Membership in Academic Bodies:

Member, Board of Studies of Chemistry Department, Jamal Mohamed College (Autonomous), Tiruchirappalli,

Examiner, PG Valuation Board, Bharathidasan University, Tiruchirappalli, Member of the Board of Examiners for Nov 2007 at Lady Doak College, Madurai, BARD, Cauvery College, Periyar University, Annamalai University, Alagappa university Karaikudi, A.D.M. college for women(autonomous) Nagapattinam, P.S.G.R Krishnammal college for women Coimbatore, Government arts college for women Pudukottai, National college (autonomous) Trichy, Periyar

E.V.R college(autonomous) Trichy, A.V.V.M Sri puspam college (autonomous) Thanjavur,
Thiyagarajar college(autonomous) Madurai.