

CURRICULUM VITAE

Dr. Qammer Majid, Ph.D.

Assistant Professor of Chemistry

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Career Objective

To contribute to academic and research excellence through dedicated teaching, high-quality scientific research, and impactful scholarly writing, while applying my expertise in chemistry, drug-solvent interactions, and data-driven analysis.

Educational Qualifications

1. Ph.D. in Chemistry (2025), University of Jammu.
Thesis: Studies on Molecular Interactions of Some Drugs in Aqueous Solutions of Deep Eutectic Solvents by Volumetric and Viscometric Methods.
Former CSIR-NET JRF and SRF.
2. M.Sc. in Chemistry (2018), University of Jammu.
3. B.Sc. in Chemistry & Biology (2016), University of Jammu.

Professional Experience

Assistant Professor of Chemistry, Government Degree College Surankote (2025-Present)

Teaching undergraduate Chemistry & Biochemistry

Participating in departmental academic initiatives

Research Experience

Published over 10 peer reviewed international research papers

Experienced in spectroscopic, volumetric, viscometric, and thermophysical studies

Skilled in computational modeling and scientific data interpretation

Publications (Selected)

1. Majid, Q., Richu, Singh, H., Bandral, A., & Kumar, A. (2022). *Thermophysical studies on molecular interactions of semicarbazide hydrochloride/domiphen bromide in aqueous deep eutectic solvent media at various temperatures.* **Journal of Chemical & Engineering Data**, 67(10), 2974–2985.

2. **Majid, Q., & Kumar, A.** (2021). *Effect of choline chloride and urea based deep eutectic solvent on the physicochemical properties of salicylic acid and salicylamide at $T = (288.15 \text{ to } 313.15) \text{ K}$* . **Journal of Molecular Liquids**, **334**, 116500.
3. **Singh, H., Majid, Q., Richu, Singh, M., Kang, T. S., & Kumar, A.** (2023). *Explorations on solute–solvent interactions of tripotassium citrate and sodium benzoate in aqueous 1-ethyl-3-methylimidazolium ethyl sulfate solutions: Physicochemical, spectroscopic, and computational approaches*. **Journal of Chemical & Engineering Data**, **68**(10), 2563–2584.
4. **Richu, Majid, Q., Singh, H., Bandral, A., Singh, M., Kang, T. S., & Kumar, A.** (2024). *Solution properties of folic acid/nicotinic acid in aqueous 1-butyl-3-methylimidazolium-chloride media at discrete concentrations and temperatures: A thermodynamic, computational, and spectroscopic study*. **Journal of Chemical & Engineering Data**, **69**(7), 2503–2527.
5. **Bandral, A., Singh, H., Majid, Q., Rajput, P., & Kumar, A.** (2024). *Effect of semicarbazide hydrochloride on the physicochemical properties of L-leucine and glycylglycine at varied temperatures and compositions*. **The Journal of Chemical Thermodynamics**, **188**, 107176.
6. **Bandral, A., Singh, H., Majid, Q., & Kumar, A.** (2022). *Insights into molecular interaction of L-histidine and L-threonine in aqueous procaine hydrochloride solutions at different temperatures: Physicochemical and spectroscopic approach*. **Journal of Molecular Liquids**, **359**, 119350.
7. **Rajput, P., Singh, H., Bandral, A., Sharmhal, A., Majid, Q., & Kumar, A.** (2025). *Thermophysical and UV spectral insights of uracil/uridine with pyridoxine hydrochloride in aqueous media at varied temperatures and compositions*. **Journal of Molecular Liquids**, 128231.
8. **Rajput, P., Singh, H., Bandral, A., Majid, Q., & Kumar, A.** (2022). *Explorations on thermophysical properties of nitrogenous bases (uracil/thymine) in aqueous L-histidine solutions at various temperatures*. **Journal of Molecular Liquids**, **367**, 120548.
9. **Bandral, A., Majid, Q., Rajput, P., & Kumar, A.** (2022). *Studies on molecular interaction of L-histidine/L-serine in aqueous diphenhydramine hydrochloride solutions at various temperatures: Volumetric, ultrasonic and viscometric approach*. **The Journal of Chemical Thermodynamics**, **164**, 106640.
10. **Singh, H., Bandral, A., Majid, Q., & Kumar, A.** (2023). *Investigation of molecular interactions of streptomycin sulphate with aqueous L-aspartic acid through volumetric, ultrasonic and viscometric approach*. **Journal of Molecular Liquids**, **382**, 121885.

11. **Bandral, A., Majid, Q., & Kumar, A.** (2021). *Investigations on volumetric, compressibility and viscometric properties of L-ascorbic acid and thiamine hydrochloride in aqueous 1-ethyl- 3-methylimidazolium hydrogen sulfate solutions at different temperatures.* **Journal of Molecular Liquids**, **339**, 116833.

Workshops & Conferences

AFM 2020, KIIT International Conference

49th National Seminar on Crystallography (2022)

International Conference on Emerging Trends in Multidisciplinary Research (2025)

Languages Known

English (Fluent)

Urdu (Fluent)

Hindi (Fluent)

Personal Profile

Date of Birth:	3rd Feb 1995
Father's Name:	Late Bader Majid
Mother's Name:	Pervaiz Akhter
Permanent Address:	Village & Post: Dodasan Bala, Tehsil: Thanamandi, District: Rajouri (J&K), PIN: 185212
Gender:	Male
Marital Status:	Unmarried
Nationality:	Indian

Declaration

I hereby declare that all the information provided above is true and correct to the best of my knowledge.

(Dr. Qammer Majid)