

DR. MUSHTAQ AHMAD LONE

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An enthusiastic and disciplined person, to share my knowledge and experience in Inorganic Chemistry for more than ten years have enhanced my ability to work productively in a competitive environment and would definitely assist in academic and research programme. I am confident that I can work technically and professionally for the development of the institute.

ACADEMIC & INDUSTRY EXPERIENCE

April 2017 to till date: Assistant Professor in Higher Education Department (Govt. Degree College Baramulla) J & K.

Sep. 2007 to April 2017: Senior Scientist at Jammu and Kashmir State Pollution control board Rajbagh Srinagar.

June 2001 to Dec. 2004: working as Assistant Professor (Contract Basis) in Higher Education department at Government Degree college for Boys/ Women Baramulla

ACADEMIC QUALIFICATIONS

March 2005 to Sep. 2007: Pursuing Ph. D Chemistry at University of Kashmir.

March 1999 to April 2001: Pursuing M. Sc Chemistry at Agra University (Inorganic Chemistry).

1995 to 1998: B. Sc Chemistry at Government Degree College Baramulla from Kashmir University.

ACADEMIC SKILLS

- Guide, lead and mentor students in research projects.
- Good oral and written communication skills with the ability to render complex scientific ideas into easily understandable concepts.
- Create, innovate and implement career-enhancement programs and activities.
- Inorganic Chemistry: Metal Toxicity, COD, Bio-inorganic Chemistry

ACTIVITIES

Publications

1. Gold Chloride (AuCl₃) Catalyzed Expeditious Homo-coupling of Terminal Alkynes at Ambient and Solvent Free Conditions: Impact of Sodium Acetate on the Reaction Yield, Saleem Farooq, Bashir Ahmad Dar, Mushtaq Ahmad Tantaray, **Mushtaq Ahmad Lone**, Nuzhat Rehman. *American Journal of Applied Chemistry* 5, 2017, 4, 58-61. (Impact Factor: 0.80, ISSN: 1554-3641).
2. Impact of Some Bio-ligands on Toxicity of Thallium (I) **Mushtaq Ahmad Lone**, *Journal of Natural Sciences and Mathematics*, 2, 2008, 73-80.
3. Effect of Cysteine, Methionine, Ascorbate and Thiamine on Thallium Toxicity, **Mushtaq Ahmad Lone**, *Journal of Oriental Science*, 12, 1, 2007.
4. Avidity of Toxic Heavy Metal ions for Bio-ligands in aqueous phase. **Mushtaq Ahmad Lone**, *Journal of Oriental Science*, 11, 1, 2006.

Courses taught:

- Bio-inorganic Chemistry
- Complexation in Analytical Chemistry
- Group Theory
- Metal ion Catalyzed Organic reactions
- Organometallic Chemistry
- d- & f- Block Metal Ions