

Curriculum Vitae / Resume

Dr. SYED RAASHID MAQSOOD
M.Sc., M. Phil, PhD, NET-SRF (CSIR).

Assistant professor Chemistry,
S P College Srinagar

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DOB: 25th May 1983

Parentage

Father; SYED MAQSOOD AHMAD
Mother: SYED ZUBAIDA AKHTAR

Permanent Address:

Dharmunah Soibugh Budgam Kashmir (J&K) India. Pin-191111

Academic Records

Class/Course	Year of Qualifying	Percentage/Grade	Board/University
Matriculation (10 th)	1998	60.02	J&K State Board
Bachelors' (BSc.)	2004	53.00	University of Kashmir
Masters (MSc. Chemistry)	2007	60.08	University of Kashmir
Master in Philosophy (M.Phil)	2010	Grade 'A'	University of Kashmir
NET-JRF	2010	Rank 136/780	CSIR-UGC
Doctor in Philosophy (PhD)	2013	-	University of Kashmir

Achievements after Post-Graduation

1. Qualified NET-JRF test held in Dec.2009, with a good ranking (136/789).
2. Ranked among the top 20% of the students who qualified CSIR-JRF NET in Dec. 2009 throughout India and was eligible for more prestigious Shayama Prasad Mukherjee (SPM) Fellowship.
3. Completed Master of philosophy (M.Phil) (2010),with Grade A.
4. Awarded with Doctor of Philosophy (PhD) (2013).
5. Published 10 papers in the journals of international repute and attended 11 conferences/workshops.
6. Worked as guest Lecturer in the department of Electronics University of Kashmir for the period August 2011 to January 2012.
7. Assisted the teaching faculty Department of Chemistry, University of Kashmir in various courses (Theory & Lab.) at MSc level.
8. Worked as Temporary faculty in the PG department of Chemistry, Sri Pratap College of Science, from May 2013 till date (04 academic sessions).
9. Awarded with CSIR Research Associateship for the session 2015-16 (Valid for 03 years)
10. Presently working as Assistant professor Chemistry, S P College Srinagar.(06-04-2017 to present)

Laboratory and Technical Skills

1. More than Five years graduate research experience in solution phase and applied inorganic chemistry
2. Proficient in handling pyrophoric, air, and moisture sensitive reagents/reactions using standard protocols and safety guidelines.
3. Proficient in designing the coordination inspired redox couples with tailor made redox potentials.
4. Proficient in synthesis of oxidation state selective ligand molecules through Schiff base condensation reaction.
5. Proficient in operating: Shimadzu UV-Vis-NIR Spectrophotometer UV-3600, Shimadzu Spectrofluorometer RF5301 PC, Shimadzu Potentiostat SP-150, Shimadzu HPLC, Eutech Ion Analyser PC 5500 and other bench level instrumentation
6. Well versed in computer skills including MS-Office, ChemDraw, Chems sketch, Origin8.5, Gaussian3.0, Gaussview3.7, Argus Lab and scientific databases such as SciFinder.

Publications:

	<i>Paper title</i>	<i>journal</i>	<i>IF(2013)</i>	<i>Author1</i>	<i>Other Authors</i>
		<i>Volume/issue</i>	<i>ISSN No.</i>	<i>Author2</i>	
1	Pseudo-indicator behaviour of platinum electrode explored for the potentiometric estimation of non-redox systems,	<i>Talanta</i>	4.16	<i>Syed Raashid Maqsood</i>	Masood A. Rizvi, Mohsin Ahmad Bhat, Badruddin Khan,
		101 (2012) 246–252	0038-9140	Oyais Ah. Chat	
2	Targeting Copper Induced Oxidative Damage to Proteins by Ligation: A novel approach towards Chelation Therapy for Oxidative Stress Disorders	<i>New Journal of Chemistry</i>	3.156	<i>Syed Raashid Maqsood</i>	Mohsin Ahmad Bhat, Tanveer Ali Dar, Syed Hussain Mir
		39,2015, 2720-2727	1144-0546	Badruddin Khan	
3	Electroanalytical, kinetic and mechanistic investigations of coordination inspired electron transfer between Fe(II) / Cu(II),	<i>Journal of Coordination Chemistry</i>	2.242	<i>Syed Raashid Maqsood</i>	Badruddin Khan
		66(7) (2013) 1211	1029-0389	Mohsin Ahmad Bhat	
4	Sigma donor and pi acceptor characteristics of certain NN bidentate ligands: A DFT Study:	<i>Journal of Coordination Chemistry</i>	2.242	<i>Syed Raashid Maqsood</i>	Shabnum Bashir, Badruddin Khan, Altaf Hussain Pandit,
		66(13) 2013,2308	1029-0389	Nasrul Islam	
5	Coordination inspired redox behaviour of Fe(II) and Co(II) explored for simultaneous Iron oxidation state analysis.	<i>Journal of Pharmacy Research</i>	2.36	<i>Syed Raashid Maqsood</i>	Badruddin Khan
		5(5) (2012) 2715	0974-6943	Masood Ahmad Rizvi,	
6	Genotoxicity assessment of aluminium using a multi-technique approach,	<i>International Journal of Chemistry</i>	NA	<i>Syed Raashid Maqsood</i>	Badruddin Khan
		1 (3) (2012) 326	2249-2119	Oyais Ahmad Chat	
7	Complexation Effect on Redox Potential of Iron(III)-Iron(II) Couple:	<i>Journal of Chemical Education</i>	1.13	Masood Ahmad Rizvi,	Badruddin Khan
		88(2) 2011, 220	1938-1328	<i>Syed Raashid Maqsood</i>	
8	Utilizing 1,10 Phenanthroline Ligand Effect in Estimation of Cobalt (II) and Simultaneous Estimation of Cobalt (II) and Iron (II) with Cerium (IV)	<i>Chem. Educator</i>	NA	Masood Ahmad Rizvi,	GhulamMustafa Peerzada,
		2011, 16, 72–75	1430-4171	<i>Syed Raashid Maqsood</i>	
9	Complexation of Oxovanadium(IV) and Dioxouranium(VI) with Synthesized 1,2-(diimino-4-antipyrinyl)-1,2-diphenylethane Schiff Base: A Thermodynamic, Kinetic, and Bioactivity Investigation	<i>Journal of Inorganic Chemistry</i>	0.91	Shabnum Bashir	GhulamMustafa Peerzada, Badruddin Khan, Masood Ahmad Rizvi
		ID 268383	2090-2034	<i>Syed Raashid Maqsood</i>	
10	Synergistic Effect Of Perchlorate Ions and Acetonitrile Medium Explored For Extension In Copper Redoximetry	<i>Croatica chemica acta</i>	0.61	Masood Ahmad Rizvi,	<i>Syed Raashid Maqsood</i> GhulamMustafa Peerzada,
		88 2015(67-72)	1334-417X	Showket Ah. Akhoun	
11	Thermo-Kinetic investigations of comparative ligand effect on cysteine iron redox reaction	<i>Journal of analytical chemistry</i>	0.812	Masood Ahmad Rizvi,	<i>Syed Raashid Maqsood</i> GhulamMustafa Peerzada,
		70 (5)2015632-637	1608-3199	Norio Teshima	

IF – Impact Factor, NA – Not Available

Book: Electron transfer in coordination complexes, LAMBERT Academic Publishing, 2017 (ISBN 978-613-7-34053-0)

Conferences and Workshops

- [1]. Fiveday National Workshop on Frontier of Spectroscopy and Analytical Techniques in Chemical Sciences, University of Kashmir, Srinagar (March 2009)
- [2]. 14th National Conference on Surfactants, Emulsions and Biocolloids (NATCOSEB-XIV) at University of Kashmir, Srinagar (June 2009)
- [3]. 12th CRSI- 4th RSC symposium in chemistry at IICT Hyderabad (February 2010).
- [4]. Symposium in chemistry Panjabi University Patiala. (February 2010)
- [5]. First indo-Italian workshop on electrochemistry at Delhi university (August 2010)
- [6]. 6th JK Science congress at University of Kashmir, Srinagar (December 2010).
- [7]. 13th CRSI- 5th RSC symposium in chemistry at NIESER Bhubaneswar Orissa (Feb. 2011).
- [8]. International conference in chemistry, trends and challenges, AMU Aligarh (March 2011).
- [9]. 8th JK Science congress at University of Kashmir, Srinagar (September 2012).
- [10]. 9th JK Science congress at University of Kashmir, Srinagar (September 2013).
- [11]. National interdisciplinary Science conference at S. P. College Srinagar,

Thrust Areas

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|------------------------------------|-------------------------------------|
| i) <i>Analytical Chemistry,</i> | iii) <i>Coordination Chemistry,</i> |
| ii) <i>Bioinorganic Chemistry,</i> | iv) <i>Electrochemistry</i> |

Research titles:

M Phil.: Speciation and Sequestration of Aluminium ions.

PhD: Studies on correlation between complexation and redox behaviour of some transition metal ions,

Research Proposal: Targeting Metal ion induced oxidative damage to proteins and DNA by ligation: a novel approach towards chelation therapy for oxidative stress disorders (Approved for CSIR Research Associateship)

Declaration

This is to certify that the information documented above is true to the best of my knowledge and belief.

Date:

Dr. Syed Raashid Maqsood