


Name	Dr. K. Srinivasan., M.Sc., Ph.D.,	
Designation	Assistant Professor	
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Academic Qualifications	M.Sc., Ph.D.	
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Teaching Experience: 5 years

Research Experience: 12 years

Research Area : Coordination complexes/Solid State Chemistry

Research Guidance / Supervision:

Programs of Study	Completed	Ongoing
Ph.D.,	-	2
M.Phil.	8	2

Research Papers

Published in International Journals	Published in National Journals	Presented in International Conferences	Presented in National Conferences
12	-	2	9

Funded Research Projects (Ongoing)

S.No	Agency	Period		Project Title	Budget (Rs.lakhs)
		From	To		
1	DST-SERB	2015	2019	Synthesis and Characterization of Biologically Active Coordination Complexes	37,00,000

Number of Seminars / Conferences / Workshops / Events attended: 11

Number of Seminars / Conferences / Workshops / Events organized: 2

Country Visited: South Korea

Publications:

1. The first metal complex with the hydrazine dicarboxylate dianion: $\text{Na}_2(\text{O}_2\text{CNHNHCO}_2)(\text{H}_2\text{O})_3$.
Krishnan Srinivasan, Subbaiah Govindarajan, William T.A. Harrison, Inorg. Chem. Commun., (2006) 1117-1120.
2. Divalent metal complexes of formylhydrazine: Syntheses and crystal structures of $\text{M}(\text{CH}_4\text{N}_2\text{O})_2(\text{H}_2\text{O})_2 \cdot 2\text{NO}_3$ (M = Zn, Co).
Krishnan Srinivasan, Subbaiah Govindarajan, William T.A. Harrison.
Inorg. Chem. Commun., 12(2009)619-621
3. A family of double-layered octahedral coordination networks built up from divalent metal ions, formate anions, and ethyl carbazate ligands: $\text{M}(\text{CHO}_2)_2(\text{C}_3\text{H}_8\text{N}_2\text{O}_2)$ (M=Co, Zn, Cd)
Krishnan Srinivasan, Subbaiah Govindarajan & William T.A. Harrison
J.Coord.Chem., 64(2011)3541-3550
4. Synthesis and characterization of cobalt(II), nickel(II), copper(II) and zinc(II) complexes of 2-nitrobenzoic acid with methyl carbazate as ancillary ligand. Crystal structure of the copper(II) complex.
Ayyasami Kathiresan, Krishnan Srinivasan, Selvaraj Brinda, Munirathinam Nethaji Subbaiah Govindarajan., Transition Met. Chem, 37(2012)393-397.
5. Syntheses and coordination isomerism of heteroleptic divalent-metal (M = Co, Zn) carbazate complexes.
Krishnan Srinivasan, Ayyasamy Kathiresan, William T.A. Harrison & Subbaiah Govindarajan
J.Coord.Chem., 67(2014)3324-3334
6. A family of double-layered coordination polymers containing Cd^{2+} , N,O-chelating ligands, and bridging SCN^- and Cl^-
Krishnan Srinivasan, Ayyasami Kathiresan, Subbaiah Govindarajan, Joel T. Aughey & William T.A. Harrison
J.Coord.Chem., 67(2014)857-869

7. Synthesis, crystal structure, spectroscopic and thermal analysis of hydrazinium hydrogen-3,5-pyrazoledicarboxylate monohydrate.

Thathan Premkumar, Krishnan Srinivasan, Rajendran Selvakumar, Nigam P. Rath, Subbiah Govindarajan, *J Therm Anal Calorim*, 2016

8. catena-Poly[[dihydrzinecadmium(II)]-di- μ -sulfato- κ^4 O:O']

Krishnan Srinivasan,a Subbaiah Govindarajana and William T. A. Harrisonb *, *Acta Cryst.* (2006). E62, i219–i222

9. Iron(II) hydrazinium sulfate

Krishnan Srinivasan,a Subbaiah Govindarajana and William T. A. Harrisonb *, *Acta Cryst.* (2007). E63, i41–i42

10. Catena-Poly[[dihydrziniummanganese(II)]-di- μ -sulfato- κ^4 O:O] from synchrotron data

Krishnan Srinivasan,a Subbaiah Govindarajana and William T. A. Harrisonb *, *Acta Cryst.* (2007). E63, i152

11. Redetermination of tris(ethyl carbazate- κ^2 N,O)cobalt(II) dinitrate.

Krishnan Srinivasan,a Subbaiah Govindarajana and William T. A. Harrisonb *, *Acta Cryst.* (2007). E63, m3028-m3929

12. Tris(ethyl carbazate- κ^2 N,O)nickel(II) dinitrate K. Srinivasan, S. Govindarajan and W. T. A. Harrison, *Acta Cryst.* (2008). E64, m222-m223