

12. Achievements/Awards/Honors:
13. Authored Book Chapters/Books /Books Edited by you (details with Title, Publisher, Place, Year):
14. Trainings / Teaching-Learning Courses attended: **Refresher course (02)**
Orientation course (01)
15. Contribution in University Corporate services: **- NA-**
16. Any other information(s): **worked as proctor**
02 years in Maharaja College
01 year in Chemistry Deptt.
UOR, Jaipur

LIST OF PUBLICATIONS

1. Synthesis and characterization of some diphenylantimony(III) complexes of cyclic-dithiocarbamates. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Phosphorous, Sulfur, Silicon*; **86**, 197 (1994) (IF 0.827)
2. Phenylarsenic (III) derivatives of heterocyclic-dithiocarbamates; synthesis and Characterization. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Phosphorous, Sulfur, Silicon*; **107**, 13 (1995) (IF 0.827)
3. Synthesis and characterization of some diphenylantimony (III) complexes of heterocyclic- β -diketones. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Indian J.Chem.*; **35 (A)**, 243 (1996) (IF 0.628)
4. Synthesis and characterization of phenylarsenic (III) complexes of heterocyclic- β -diketones. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Indian J. Chem*; **36 (A)**, 717 (1997) (IF 0.628)
5. Synthesis and characterization of some new monophenyl-arsenic(III) derivatives of methyl 4. (4-substituted phenyl) 2-oxy-4-oxo-2-butenoates. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Synth. React. Inorg. Met.-Org. Chem*; **28 (9)** 1551(1998) (IF 0.680)
6. Some new diorganoantimony (III) derivatives of methyl 4-(4-Substituted phenyl)-2-oxy-4- oxo-2-butenoates. **Jyoti Sharma**, Y. P. Singh and A. K. Rai, *Synth. React. Inorg. Met.Org. Chem.*; **29 (8)**, 1475 (1999) (IF 0.680)
7. Synthesis and characterization of a new class of benothiazoline.D. Shanker, R. K. Sharma, **J. Sharma**, A. K. Rai and Y. P. Singh, *Phosphorus. Sulfur and Silicon*, **180**, 141 (2005).

8. Synthesis and Characterization of additional products of Phenylarsenic (III) Dimethoxide with Substituted Benzothiazolines, R. Rathore, **J. Sharma**, A. K. Rai, and Y. P. Singh, *Phosphorus, Sulfur and Silicon*, **180**, 1921 (2005) (IF-0.820)
9. Metal - Induced Rearrangement of Benzothiazoline Ring; Synthesis and characterization of some new organoantimony (V) derivatives of N., O. and S. Atom containing schiff base ligands. D. Shankar, R. K. Sharma, **J. Sharma**, A. K. Rai and Y. P. Singh, *Heteroatom Chemistry*, **18**, 1 (2007) (IF 1.257)
10. Synthesis and characterization of Chlorodiorganotin (IV) derivatives of O, O'-alkylene dithiophosphates. Gajendra Kumar Rustagi, **Jyoti Sharma**, Ghanshyam Srivastava and Yashpal Singh, *Journal of Coordination chemistry*, **63** No.2, 353 (2010) (IF 2.212)
11. Mixed chloro Bis (alkylene dithiophosphato) antimony (III) and their Heterobinuclear derivatives with Boron tetraisopropoxide; synthesis and characterization. Reena Agarwal, **Jyoti Sharma**, Yashpal Singh, Durgesh Nandani and Amla Batra, *Phosphorus, Sulfur and Silicon*; **185**, 516(2010) (IF 0.820)
12. Synthesis and spectroscopic structural elucidation of new class of mono and heterobinuclear derivatives of arsenic and aluminium derived from bifunctional tridentate Schiff base ligands. Reena Agrawal, **Jyoti Sharma**, Yashpal Singh, *Main Group Met. Chem.*; **33**, 59 (2010) (IF 0.561)
13. Syntheses and Characterization of a New Class of Mono- and Hetero Dinuclear Derivatives of Boron Derived from Schiff Base Priyanka Sharma, Vaishali Vajpayee, **Jyoti Sharma** and Yashpal Singh, *Applied Organometallic Chemistry*; **24**, 774-778 (2010) (IF 2.017)
14. Syntheses, Reactions, Characterization and Antifungal Activities of Chloro Bis(2,2-Dithio-1,3,2-Dioxaphospholane/Dioxaphosphorinanes) Bismuth(III) Reena Agrawal, **Jyoti Sharma**, Durgesh Nandani, Amala Batra and Yashpal Singh; *Phosphorus, Sulfur and Silicon*, **186**, 554 (2010). (IF 0.820)
15. Mono – and heterobinuclear derivative of antimony (III) Containing Schiff bases; syntheses, characterization and microbial activities. Reena Agrawal, **Jyoti Sharma**, and Yashpal Singh; *Main Group Chemistry*, **33**, 265 (2010) (IF 0.561)
16. Mono – and heterodinuclear indium compounds of multidentate Schiff bases; syntheses, characterization and their antibacterial activity. Priyanka Sharma, **Jyoti Sharma** and Yashpal Singh; *Main Group Metal Chemistry*, **10**, 265 (2011) (IF 0.561)
17. Syntheses, characterization and antifungal activities of some heteroleptic homodinuclear derivatives of aluminium Priyanka Sharma **Jyoti Sharma** Yashpal Singh, Ramavatar Sharma Babita Sharma; *Synth. React. Inorg. Met.-Org. Chem.*; **41**, 44 (2011) (IF 0.680)
18. Triphenyl arsenic (V) and antimony (V) derivatives of multidentate Schiff bases; Synthesis, characterization and antimicrobial activities. Reena Agrawal, **Jyoti Sharma**,

- Durgesh Nandani, Amala Batra and Yashpal Singh; **Journal of Coordination chemistry**; **64**, 554,(**2011**) (IF **2.212**)
19. Organo-and metalloorganic derivatives of some group 15 elements **Jyoti Sharma** and Yashpal Singh; **Chem. News Lett.** **1**, **103** (**2012**)
 20. Schiff base ligands bridged homo-and heterodinuclear compounds of arsenic (III) Vaishali Vajpayee, **Jyoti Sharma** and Yashpal Singh;**Chem. News Lett.** **2**, 31 (**2012**)
 21. Monophenyl antimony (III) derivatives of Cyclic dithiocarbamate; Synthesis,Spectral characterization and antimicrobial study. Deepak Kumar Sharma, Yashpal Singh, and **Jyoti Sharma**; **Phosphorus. Sulfur and Silicon**, **188**, 1194 (**2013**) (IF **0.827**)
 22. Coordination Chemistry of Trivalent and Pentavalent Organoarsenic Heterocyclic Dithiocarbamate Derivatives; Synthesis and Characterization Deepak Kumar Sharma, Rita gupta, Yashpal Singh and **Jyoti Sharma**; **J. Coordination Chemistry**, **67**,no. **8**,1478, **2014** (IF **2.212**)
 23. Synthesis, Characterization And Antibacterial Activity of Some New Mono-and Heterodinuclear Indium Compounds Priyanka Sharma,Vinita Jangir, Jyoti Sharma and Yashpal Singh; Synth. React. Inorg. Met.Org. Chem, 45, 804, 2015. (IF 0.670)
 24. Synthesis and pharmacological activity of diorganoantimony (III) and triorganoantimony(V) derivatives of Schiff bases derived from amino acids, Rita gupta, Manas mathur, Ajit kumar swami, Yashpal singh and **Jyoti Sharma**; **J. Saudi Chem. Soc.** (accepted) (**2014**). (IF **2.523**)
 25. Synthesis, characterization and antimicrobial activity of diorganotin(IV) derivatives of some bioactive bifunctional tridentate schiff base ligands, Pooja bhatra, Ramavatar Sharma, **Jyoti Sharma** and Yashpal Singh; **Main Group Met. Chem.** (accepted) (**2015**) (IF **0.561**)