

Faculty Name:- Dr. M.S. Saini

Designation: Associate Professor
Subject: Chemistry
Area of Specialization: Organic Chemistry
College: Government Degree College Jammu City (Paloura)
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Summary

- Ph. D. degree in **Chemistry**
Currently working at **Synthesis and Characterization of O,O'- Bis(α -Naphthyl, β -Naphthyl, and 2,3,5-Trimethylphenyl) Dithiophosphate Ligands and their complexes**

Awards and Achievements

- NA

Workshops, Seminars, Symposia and Conference attended

1. National Symposium on New trends in material research organised by ISCAS, Jammu university Campus, Jammu, on w.e.f. 18th to 20th Nov. 2010.
2. UGC Sponsored National Conference on Green chemistry organised by GDC (Udhampur) on w.e.f. 3rd to 4th Dec. 2010.
3. National Work Shop on solid state chemistry and materials research at ISCAS, Jammu university Campus, Jammu, on w.e.f. 4th to 9th July. 2011.
4. National Conference organised by chemical research society of india, North Zone Meet, 2011 at Jammu University on Sept. 22nd-24th, 2011.
5. 7th J and K Science Congress organised by Jammu University in collaboration with J and K state unit of Science & Technology on Oct, 13th-15th, 2011.
6. National Symposium and conference on solid state chemistry and allied areas on 24th - 26th, Nov, 2011 at Jamia Millia Islamia University, New Delhi. Sponsored by D.S.T, C.S.I.R, and D.R.D.O, New Delhi.
7. National Symposium and conference on solid state chemistry and allied areas on 24th - 26th, Nov, 2011 at Jamia Millia Islamia University, New Delhi. Sponsored by D.S.T, C.S.I.R, and D.R.D.O, New Delhi.
8. National Conference on Emerging Trends in Medical Biotechnology and nanotechnology organised by Arni University Kangra, H.P. in collaboration with DST, New Delhi, w.e.f. 3rd to 4th Dec. 2011.
9. Science Awareness Mela organised by G.G.M.Sc College Jammu sponsored by D.S.T- New Delhi, on 31st Jan to 2nd Feb, 2012.

10. Conference on "Green Earth" on 11th Feb, 2012 organised by G.C.W, Parade, Jammu.
11. International Conference on Global warming organised by GDC (Udhampur) ,w.e.f. 24th to 26th. Feb. 2012.
12. State Level Symposium on Biodiversity organised by GDC Kathua (Women) on 19th of March, 2012.
13. National Work Shop on nanoscience and materials characterization sponsored by D.S.T, and D.R.D.O, New Delhi, at ISCAS, Jammu university Campus, Jammu, on w.e.f. 9th to 15th June. 2012.
14. National Conference on Recent Trends in Chemical and environmental Sciences (RTCES-2014) organised by Arni University Kangra ,H.P.
15. U.G.C Sponsored General Orientation Course Organised by A.S.C, Guru Nanak Dev University Amritsar w.e.f. 4-6-2004 to 1-07. 2004.
16. U.G.C. Sponsored Refresher course in Chemistry Organised by A.S.C, Jammu University w.e.f. 20-12-2006 to 10-01. 2007.
17. U.G.C. Sponsored Refresher course in chemistry organised by A.S.C, Jammu University w.e.f. 20-12-2007 to 9-01. 2008.
18. U.G.C Sponsored Refresher course in information technology organised by ASC, Guru Nanak Dev University Amritsar w.e.f. 23-2-2012 to 14-03. 2012.

Research Publications

1. Synthesis and Characterization of O,O'- Bis(α -Naphthyl, β -Naphthyl, and 2,3,5-Trimethylphenyl) Dithiophosphate Ligands, Phosphorus, Sulfur, and Silicon and the Related Elements, Onkar Singh^a, Mukhtyar S. Saini^a, Jaya Dwivedi^b & Aran Kumar^a.
2. Synthesis and Characterization of new Complexes O, O'- Bis (α -naphthyl, β -naphthyl and 2, 3, 5- Trimethylphenyl) dithiophosphate of Zinc (II), Cadmium (II) and Mercury (II) International Journal of Science and Nature .Mukhtyar S. Saini^a, Aran Kumar^a, Onkar Singh^a & Jaya Dwivedi²
3. Synthesis and Biological Activity of some N-Benzylidene Derivatives of 2-Aryl-5-Hydroxy-7-Methyl-1, 2, 4-Triazolo-[1, 5-a]-Pyrimidines International Journal of Science and Nature .¹Saini, M.S., ¹Rakesh Singh, ²Jaya Dwivedi, ¹Aran kumar.
4. A Review: Biological Significances of Heterocyclic Compounds, International Journal of Pharma Sciences and Research (IJPSR), Mukhtyar. S. Saini,¹ Aran Kumar¹, Jaya Dwivedi², Rakesh Singh³
5. A Review: Biological Significances of Some Novel 1, 3, 4-Thiadiazole Derivatives Mukhtyar.S.Saini¹, Aran Kumar², Jaya Dwivedi³. International Standard Serial Number 2321-7049, International Journal of Medical & Pharmaceutical Sciences Research and

Review Vol. 1 (3)

6. A Review: Pharmacological Significances of Pyrimidine Derivatives: M.S, Saini; Rakesh Singh,; Jaya Dwivedi, Veer Singh³ Aran kumar, WORLD JOURNAL OF PHARMACOLOGICAL RESEARCH AND TECHNOLOGY WJPRT, 2013, Vol. 1(2) , ISSN: 2347-4882.
7. A Review: Synthesis and Biological Significances of 1, 2, 4-Triazole and its Derivatives, International Journal of Pharmaceutical Sciences and Research ,Mukhtyar.S.Saini¹, Jaya Dwivedi².

Book Publications

- NA

Patents

- NA

Research Projects (Minor/Major Project)

- NA

Academic Qualifications

Examination Passed	Board/University	Subjects	Year	Division Grade/Merit
SSC	J&K Board of School Education,Jammu	Math,Science,Hindi,S.ST,English,	1985	1 st Divsion
Higher Secondary	J&K Board of School Education,Jammu	Physics,Chemistry,Math,English	1987	1 st Divsion
Bachelor's Degree (s)	University of Jammu	Physics,Chemistry,Math,English	1991	1 st Divsion
Master's Degree (s)	Kumoun University, Nainital	Chemistry	1993	1 st Divsion
NET/SLET	NA			
Other Diploma Certificates etc.	NA			

Research Projects (Minor/Major Project)

Research Stage	Title of Work/Thesis	University where the work was carried out	Year
M. Phil or equivalent	Synthesis of some Substituted	University of	1996

	Triazolo-Pyrimidine Derivatives	Jammu	
Ph. D	Synthesis and Characterization of Metal Complexes with Phosphorus-Sulfur Ligands.	Banasthali university	2016
D.Sc/D. Litt.			
Training (Please specify)			

Teaching Experience

Courses taught	Name of the University/college/institution	Duration
IV) U.G (B.Sc./BA.) BA/BSC.etc.Hons	Govt.Degree.CollegeAnantnag(Boys) Kashmir, Govt.G M Sc.College Jammu, Govt.Degree.CollegePaloura	Feb 2001 to May 2003, May 2003to June 2013, June 2013 to till date
V)PG (M.A/M.Sc,	NA	NA
VI)Any other, eg. Women Study, Skill Development, Add on courses, coaching(JUET,CET) etc.	NA	NA