



Name & Designation : DR. (Mrs.) SAPANA GARG
Professor in Chemistry
M.D. University, Rohtak, Since, 1995
Mob. 09896091443
Email- sapanagarg1511@gmail.com

D.O.B. 15-11-1969

Father's Name Dr. Ram Niwas Gupt,
(Retd. Principal, Vaish College Rohtak)

Address H. No. 24, Type IV, M. D. University Campus, Rohtak

Educational Qualifications:

Exam Passed	Year of Passing	Board/University	Marks Obtained & Percentage
Matriculation	1984	H.B.S.E., Bhiwani	689/900=77%, Topper of School
B.Sc. Medical	1988	M.D. University, Rohtak	661/950=70%, Topper of College
M.Sc. (Chemistry)	1990	M.D. University, Rohtak	719/1000=72%, Topper of Branch
B.Ed.	1995	M.D. University, Rohtak	609/900=68%, Topper of College
CSIR-UGC National Level TEST	1990	University Grant Commission New Delhi	Qualified in 1 st attempt
Ph.D	1994	M.D. University, Rohtak	Fit For Publication

Teaching Experience:

22 years of UG and PG Classes in University College Rohtak and Dept. Of Chemistry, MDU, Rohtak.

Field of Specialization:

Inorganic Chemistry, Organometallic Chemistry

Research Guidance:

Two Re-search Scholars are working Ph.D under my supervision (two completed)

As a Member/ Advisor:

Life Member of Professional Association (ISCA, ICC, MRSI, ISAS, ITS)

Life Member of Vaish Education Society Rohtak.

Life Member of Maharaja Aggarsen Education Society Jhajjar

Remained Paper Setter & member of syllabus formation committee for B. Sc.1, 11, 111 Pass Course , Hons. Classes and M.Sc. classe of M.D.U. Rohtak.

Remained Member of Selection Committee for Recruitments of teachers in Colleges

Remained Convenor and Member of Inspection Committee for affiliation to colleges

Worked as Member of Organizing Committee of Refresher Course in May, 2008 held at Pt. N.R.S. Govt. College, Rohtak.

Worked as Member Organizing Committee of Science Conclave in Dec. 2011 held at MDU, Rohtak.

Worked as Co-ordinator in National Conference organized by the Dept. of Chemistry, MDU, Rohtak from 1-2 March, 2013.

List of participated Orientation/ Refresher Course/Summer Institutes/ Seminars/ Conferences/Workshops and presented papers.

Name of the Course	Duration	Name of the Institution
Refresher course	10-30-12-1998	Dept. of Chemistry, MDU., Rohtak
Orientation Course	14-2 to 14-3-2000	Academic Staff College, Jamia Millia Islamia, New
Refresher Course	20-9 to 10-10-10-2001	Dept. of Chemistry, M.D.U., Rohtak.
Refresher Course	16-2to 8-3-2002	Dept. of Chemistry, M.D.U., Rohtak.
Refresher Course	5 to 25-3-2008	Pt. N.R.S. Govt. College, Rohtak
A Seminar on Biological Science, A Current Perspective	12&13-3-2008	Pt. N.R.S. Govt. College, Rohtak
29 th Annual Conference of Indian Council of Chemists	19-21 Dec.,2010	P.U., Chandigarh

National Seminar on “Eliminating Daughter:Paradox of Development in India”	15-16 Dec.,2010	Women’s Studies Centre, M.D.U.ROHTAK
Workshop on Material Science	25 th March,2011	Dept. of Physics, M.D.U., Rohtak.
Science Conclave-2011, “Interaction of Innovative Young Minds with Eminent Scientists	2-3 Dec.,2011	MDU, Rohtak& DST, Govt. of Haryana.
Workshop on “Computer Application in Research”.	4-10 Dec., 2011	Dept. of Commerce, MDU, Rohtak.
2 nd National Conference on “Recent Advances in Chemistry and their Impact on Environment”	4-5 Feb., 2012	A.P.G. College, Panipat.
National Seminar on “Scientific Development for Human Welfare: Promises and Concerns”	10-11 Feb., 2012	J.V.M.G.R.R.P.G. College, CharkhiDadri.
International Conference on “Global Trends and in Pure & Applied Chemical Sciences”	3-4 March, 2012	ICGTCS, Udaipur, Rajasthan.
DHE Sponsored National Seminar on “Chemistry: Our Life Our Future”	12 March,2012	GVM, Girls College, Sonipat.
100 th Indian Science Congress	3-7, Jan. 2013	Kolkata.
TCBNES 9 TH National Conference	17-18, Oct. 2014	Sardar Patel University, vallabh Vidyanagar, Gujrat.
Indian Science Congress	3-7, Jan. 2015	Mumbai University, Mumbai.
Indian Council of Chemists	26-28, Dec. 2017	Andhra University, Visakhapatnam.

List of Presented Papers&Publications:

Sr.No.	Title of Published/Research Work	Name of the Journal/Workshop/Seminar	Date of Publication/Presentation
1	“TriphenyltelluroniumChlorometallates”	Winter School-cum-Workshop On Organometallic Chemistry, IIT Delhi,	6-8 Dec. 1993 {Published}

2	“(Methoxyphenacyl) Telluronium (IV) Halides: Synthesis and Characterization”.	Synth. React. Inorg. Met. – Org. Chem. 24(4), 647-661	1994 {Published}
3	”Synthesis and Characterization of Group – VB Metal Chloride Adducts of Triphenyltelluronium Chloride”.	Synth. React. Inorg. Met. – Org. Chem. 24(6), 979-994	1994 {Published}
4	“Substituted (Phenacyl) Telluronium (IV) Halides: Synthesis and Characterization”.	Synth. React. Inorg. Met. – Org. Chem. 24(10), 1631-1645	1994 {Published}
5	“Trihalotellurium Compounds of Hydroquinone Dimethyl Ether”.	Asian Journal of Chemistry 6(4), 1014-1018	1994 {Published}
6	”Synthesis and Characterization of (2, 3 – Dimethyl -4- Hydroxyphenyl)telluronium (IV) Halides”.	Asian Journal of Chemistry 7(1), 196-202	1995 {Published}
7	Studies on some Platinum (II) complexes with Ditelluratetraazamacrocycles	Scholars Research Library	Published in Der Pharma Chemica, 2011, 3(1): 286-292
8	Study on the applications of bis (hydroxyaryl) telluroxides as aldol catalyst	Scholars Research Library	Published in Der Pharma Chemica, 2011, 3(5): 218-225
9	Investigation of some p-methoxyphenyltellurium(IV) trichloridecatalysedknoevenagel reaction	Scholars Research Library	Published in Der Pharma Chemica, 2011, 3(6): 632-636
10	Study on Some Hydroxyaryltellurium(II) trichloridescatalysedknoevenagel Reactions,	<i>Asian J. Chem</i> , 2012, 24(12), 5619-5621. ISSN: 0975-427X(Online), 0970-	2012 {Published}
11	Study on the Applications of some Bis(hydroxyaryl) telluroxides as Oxidizing Reagents in Organic Synthesis	<i>Instasci. J. Chem.</i> , 2012, 2(3), 69-74. ISSN No. 2277-6931.	2012 {Published}
12	Dichloride promoted Oxidation Reactions of Di- and TriorganylPhosphites	<i>Res. J. Pharm. Bio. Chem. Sci.</i> , 2012, 3(4), 1329-1333. ISSN No.	2012 {Published}
13	“Spectrophotometric Determination of Zinc (II) in food-stuffes and Biological sample with Tris-[2,4,6-(2-Hydroxy-4-sulpho-1 Naphthylazo)-s-Triazine, Trisodium Salt”	<i>Journal of Chemical, Biological and Physical Science</i> , Sec. A, 2012, 2(4), 1746-1752. ISSN: 2249-1929.	2012 {Published}

14	Telluride Catalyzed Pinacolization of Aromatic Aldehydes	<i>Chem. Sci. Trans.</i> , 2013, 2(2), 508-512. ISSN: 2278-3458.	2013 {Published}
15	Studies on the Oxidizing Properties of Some Tellurinic Acid Anhydrides	<i>Chem. Sci. Trans.</i> , 2013, 2(4), 1491-1495. ISSN: 2278-3458.	2013 {Published}
16	Study on The Reducing Properties of DiarylDitellurides	<i>Int. J. Chem.</i> , 2013, 11(3), 1256-1260. ISSN: 0972-768X.	2013 {Published}
17	Studies on Pyrazine Complexes of some Diaryl Tellurium dihalides	<i>Oriental J. Chem.</i> , 2013, 29(4), 1339-1349. ISSN: 0970-020X(Print), ISSN:	2013 {Published}
18	Selective Determination of Uranium using 1-(2-Quinolylazo)-2,4,5-Trihydroxybenzene as Colorimetric Reagent	<i>Chem. Sci. Trans.</i> , 2013, 2(2), 435-440. ISSN: 2278-3458.	2013 {Published}
19	Tris[2,4,6-(2-hydroxy-4-sulpho-1-naphthlazo)]-S-triazine, trisodium salt as a spectrophotometric reagent for micro-determination of Lead(II) in alloys, environmental and biological samples	<i>Res. J. Chem. Enviorn.</i> , 2013, 17(3), 53-58. ISSN: 2278-4527.	2013 {Published}
20	Spectrophotometric determination of Uranium using Tris[2,4,6-(2-hydroxy-4-sulpho-1-naphthlazo)]-S-triazine, trisodium salt(THT)	<i>Chem. Sci. Trans.</i> , 2014, 3(1), 61-66. ISSN: 2278-3458.	2014 {Published}
21	Study on 4-methoxybenzohydroxamate complexes of aryltellurium(IV) and diaryltellurium(IV)	<i>Int. J. Chem. Sci.</i> , 2016, 14(1), 269-282. ISSN: 0972-768X.	2016 (Published)
22	Synthesis, Characterization and Antimicrobial Studies of Some Aryltellurium (IV) Complexes of 5-Chlorosalicylhydroxamate	<i>Res. J. Pharm. Bio. Chem. Sci.</i> , 2016, 7(2), 265-274. ISSN No. 0975-8585	2016 (Published)

23	Studies on some 2-methoxybenzohydroxamate complexes of aryltellurium(IV) and diaryltellurium(IV)	<i>Der Pharm Chemica</i> , 2016, 8(2), 248-255.	2016 (Published)
24	Studies on some salicyhydroxamate complexes of aryltellurium(IV)	<i>Chem. Sci. Trans.</i> , 2016, 5(2), 431-441. ISSN: 2278-3458.	2016 (Published)
25	Synthesis, Characterization and antimicrobial studies on some salicylidene-sulphamethoxazole Schiff base tellurium(IV) complexes	<i>Res. J. Pharm. Bio. Chem. Sci.</i> , 2016, 7(2), 1834-1842. ISSN No. 0975-8585	2016 (Published)
26	Studies on some tellurium (IV) complexes of N, N' – Bis (Indol-2-oxo-3-ylidene) -1,2-Diaminoethane	<i>Int. J. Chem. Sci.</i> , 2016, 14(1), 387-398. ISSN: 0972-768X.	2016 (Published)
27	Studies on some propylenediamine-bis (isatin) Schiff bases complexes of tellurium(IV)	<i>Der Pharm Chemica</i> , 2016, 8(2), 198-203.	2016 (Published)
28	Investigation on some isatin- <i>p</i> -Toluidine Schiff base complexes of tellurium(IV)	<i>Res. J. Pharm. Bio. Chem. Sci.</i> , 2016, 7(2), 869-877. ISSN No. 0975-8585	2016 (Published)
29	Complexes of Tellurium(IV) with Isatin-Aniline Schiff Base	<i>Chem. Sci. Trans.</i> , 2016, 5(2), 479-487. ISSN: 2278-3458	2016 (Published)

30	Tellurium(IV) complexes of tridentate(ONS) Schiff base derived from isatin and 2-aminothiophenol	<i>Journal of Chemical and Pharmaceutical Research</i> 2016,8(4): 218-223. ISSN:0975-7384	2016 (Published)
31	Synthesis, Characterization and Antimicrobial Studies On Some Complexes Of Tellurium(IV) With Schiff Base Derived From Isatin and 2-Aminophenol	<i>Int. J. Chem. Sci.</i> , 2016 ISSN: 0972-768X.	2016 (Published)
32	Synthesis, Spectral and Antimicrobial Studies of Some d ¹⁰ Metal-Ions Ditellura Tetraazamacrocyclic Complexes	<i>Chem. Sci. Trans.</i> , 6(1), 77-86 (2017). ISSN: 2278-3318	2017 (Published)
33	Studies on Some d ¹⁰ Metal-Ion Complexes with Tellurium Containing Dithiadiazamacrocycles	<i>Res. J.Pharm. Biol. Chem. Sci.</i> 7(6) 2526-2534 (2016). ISSN: 0975-8585	2017 (Published)
34	Synthesis, Characterization and Antimicrobial Studies of Nitrogen-Sulphur Donor Tellurium Containing Macrocyclic Complexes of Ni ^{II} , Pd ^{II} and Pt ^{II}	<i>J. Chem. Pharm. Res.</i> , 9(2), 65-70 (2017). ISSN: 0975-7384, SJR: 0.32, h-index: 22	2017 (Published)
35	Studies on Some Tellurium Containing Tetraazamacrocyclic Complexes of Co(II), Mn(II), and Cu(II)	<i>J. Chem. Pharm. Res.</i> , 9(2), 189-194 (2017). ISSN: 0975-7384, SJR: 0.32, h-index: 22	2017 (Published)
36	Investigation on Some Tellurium(IV) Complexes of Bidentate(ON) Schiff Base Derived from <i>o</i> -Vanillin and 2-Aminophenol	<i>Chem. Sci. Trans</i> , 6(3), 339-350, 2017, ISSN: 2278-3458	2017 (Published)
37	Synthesis, Spectral and Biological Studies of Some Salicylidene-trimethoprim Schiff Base Complexes of Aryltellurium(IV)	<i>Chem. Sci. Trans</i> , 6(3), 437-447, 2017, ISSN: 2278-3458	2017 (Published)

38	Some New Aryltellurium(IV) Complexes Containing NO Donor Schiff Base Derived From Vanillin and 4-Aminoantipyrine)	<i>Chem. Sci. Trans</i> , 6(3), 448-456, 2017, ISSN: 2278-3458	2017 (Published)
39	Synthesis, characterization and antimicrobial studies on some <i>pyridoxylidene</i> -sulphamethoxazole schiff base tellurium(IV) complexes	<i>Der Pharma Chemica</i> , 2017, 9(8), 59-64, 2017, ISSN : 0975-413X.	2017 (Published)
40	Preparation, Characterization and Biological Studies on Pyridoxylidene-Cephalexin Schiff Base Complexes of Aryltellurium (IV),	<i>Int. J. Chem. Sci</i> , 15(4), 182-193, 2017, ISSN: 0972-768X.	2017 (Published)
41	Investigations on Some Divalent Transition Metal Complexes of 10-Membered Tellurium Containing N ₂ S ₂ Donor Macrocycles	<i>Int. J. Chem. Sci</i> , 15(4), 207-217, 2017, ISSN: 0972-768X	2017 (Published)
42	Studies on Some Tellurium(IV) Complexes of Salicylaldehyde-2-Aminopyridine Schiff Base	<i>Res. J. Pharm., Biol.Chem. Sci.</i> , 8(6), 190-198, 2017, ISSN: 0975-8585	2017 (Published)
43	Tellurium(IV) Complexes Containing Bidentate Schiff Base and their Biological Activities	<i>Chem. Sci. Trans</i> , 7(2), 2018, ISSN: 2278-3458.	2018 (Published)
44	Synthesis, Spectral and Antimicrobial Studies of Some <i>o</i> -Vanillin-2-Aminopyridine Schiff Base Complexes of Organyltellurium(IV)	<i>Chem. Sci. Trans</i> 7(2),(accepted), ISSN: 2278-3458	(2018) accepted
45	Coordination of Tellurium(IV) with Schiff Base Derived from <i>o</i> -Vanillin and 3-Aminopyridine	<i>Int. J. Chem. Sci</i> ,(accepted) , ISSN: 0972-768X.	(2018) accepted

46	<i>N</i> -(2-Pyridyl)-5-chlorosalicylideneimine Schiff Base and its Tellurium(IV) Complexes: Synthesis, Characterization and <i>In Vitro</i> Biological Activities	<i>Chem. Sci. Trans</i> 7(2),(accepted), 2278-3458	ISSN: (2018) accepted
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Participation in Extra Co-Curricular Activities:

Participated in Science Exhibition during College Time and won 1st position.

Participated in Science quiz contest during College Time at District and State Level.

Participated in National Adventure programme as Teacher Incharge (Female) organized by Bharat Scouts & Guides National adventure Institute Pachmarhi from 11-20 June, 1998.

Participated in National Winter Sea Beach Trekking Expedition as Teacher Incharge (Female) organized by Youth Hostels Association of India, Orissa State Branch, Konark from 21-31 Dec. 03

Participated in Rock Climbing Camp as Teacher Incharge (Female) organized by Youth Hostel Mussoorie & Sahsi Adventure Himalayan Sports Com from 24-31 May, 2004

Remained Convener of University College Rohtak, Dance Committee,

Remained Member of Prize, Decoration and Exam Committee during 1995- 2008

Remained N.C.C. Officer from Aug.2006 to May 2008

Remained member of M.D.U. Sports Selection Committee Gymnastic Club & Table Tennis

Remained Staff Secretary from 1995 to March 2017 of Dept. of chemistry.

Delivered Extension Lecturer in DHE Sponsored National Seminar on "Chemistry: Our Life Our Future" GVM, Girls College, Sonipat on 12 March, 2012

Remained member of Judgement Committee for Science Exhibition at college and District Level

Delivered Extension Lectures in different P.G. Colleges as resource person

Delivered Radio Talks on various topics on Akashvani, Rohtak and SVN News Channel (group discussion on Environment and Study)

(Dr. (Mrs.) Sapana Garg)
Professor, Dept. of Chemistry
M.D. University, Rohtak
Resi. H.No.24, Type IV, M .D. University Campus, Rohtak, (Haryana).
Mobile: 09896091443, 2. E-mail:rpgargmdur@gmail.com,
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