

Shri Shivaji Science College, Amravati

Name of The Teaching Faculty: **Mandlik PR**

Department: **Chemistry**

Total No of Papers Published: 58

Total No of papers in Scopus/ WoS: 06

S. N.	Title with page nos.	Journal	ISSN / ISBN No.	Whether peer reviewed Impact Factor, if any	No. of co- authors	Whether Refereed / other Journal as notified by the UGC#	Grading
1	Chromium(III), manganese(III), iron(III), oxovanadium(IV), zirconium(IV) and dioxouranium(VI) complexes of hydrazone of isonicotinic acid hydrazide.	J. Indian Chem. Soc., 79, 689-692, 2002.	ISSN, 00194522	Yes 0.158	Two	Yes	12.6
2	Polychelates of 4,4'-bis[(N-phenylsalicylaldimine-5azo)-biphenyl with some transition metal ions.	J. Indian Chem. Soc. 79, 722-724, 2002.	ISSN, 00194522	Yes 0.158	Two	Yes	12.6

3	Synthesis and characterization of new oxovanadium (IV) chelates of ONNO donar polymeric Schiff bases (PSB)	J. Indian Council of Chemist. 19(1), 8-11, 2002.	ISSN, 0971-5037	Yes 0.324	Two	Yes	12.6
4	Schiff base metal complexes of Chromium(III), Manganese(III), Iron(III), Oxovanadium(IV), Zirconium(IV) and Dioxouranium(VI)	Polish J. Chem., 77, 129-135, 2003	ISSN 1899-4741	Yes, 0.43	One	Yes	12.6
5	Synthesis structural thermal and biological studies of Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) Schiff base complexes.	Indian J. Chem. 42A, 1064-1067, 2003.	0975-0983	Yes, 0.509	Two	Yes	12.6
6	Electrical and thermal properties of some metal chelates derived from polymeric Schiff base (PSB).	Transaction SAEST, 38(2), 79-81, 2003.	ISSN 0036-0678	Yes 0.132	04	Co-Author	5.4

7	Synthesis, Characterization and antimicrobial studies of some new chelate polymer.	Amravati University Research Bulletin, 1(2), 2003.	--	Yes	Two	Co-Author	3.9
8	Synthesis and characterization of Mn(III), Fe(III), Th(IV), VO(IV) and UO ₂ (VI) chelates with 4,4'-dihydroxy-3,3'-dipropylbiphenyl-o-phenylenedimine	Proc. Nat. Acad. Sci. India, 7(A), IV, 413-418, 2003.		Yes, 0.113	Three	Co-Author	5.4
9	Synthesis of some new metal (II) polychelates.	J. Indian Chem. Soc. 80, 133-135, 2003.	ISSN, 00194522	Yes 0.158	Three	Co-Author	5.4
10	Synthesis, characterization, electrical and biological studies of Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) polychelates with bis-bidentate Schiff base.	Indian J. Chem. 43A, 1892-1896, 2004.	0975-0983	Yes, 0.509	Three	Co-Author	5.4

11	Preparative Structural and Thermal Studies of Schiff Base Complexes of Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI).	Revue Roumanie de Chimie., 50(6), 451-455, 2005.	ISSN: 0035-3930	Yes 0.41	One	Yes	12.6
12	Synthesis, structural and electrical studies of some chelate polymer of bis-bidentate Schiff base.	J. Natural and Physical Sci., 19(1), 81-90, 2005.	ISSN 097-3799	Yes, 0.491	Three	Co-author	5.4
13	Synthesis and Characterization of Ti(III), Cr(III), Mn(III) and Fe(III) Complexes Incorporating Tridentate ONO Donar Hydrazone Ligands.	Reviews in Inorganic Chemistry, 29(4), 225-239, 2009.	ISSN 2191-0227	Yes, 0.567	Three	Co-Author	12.6
14	Synthesis of Hydrazones Schiff Bases and Microbiological Evaluation of Isonicotinoyl Hydrazone with Different Acetophenones.	Orient. J. Chem., 27(3), 1053-1062, 2011.	ISSN 0970-020 X	Yes, 0.26	Two	Supervisor	12.6

15	Synthesis, Characterization, Thermal and Microbiological evaluation of Thiazole Schiff Base Complexes of Co (II), Ni (II), Cu (II) and Zn (II).	Orient. J. Chem., 28(1), 531-535, 2012,	ISSN 0970-020 X	Yes, 0.26	One	Supervisor	12.6
16	Synthesis, Characterization, Thermal and Microbiological evaluation of Thiazole Schiff Base Complexes of Co (II), Ni (II), Cu (II) and Zn (II).	J. Chem. Pharm. Res. 4(7), 3368-3372, 2012.	ISSN : 0975-7384.	Yes 0.34	One	Supervisor	12.6
17	Synthesis, Characterization and Antimicrobial Studies of Co(II), Ni(II), Cu(II). Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) with Tetradentate Schiff base having N ₂ O ₂ donor group.	J. Chem. Pharm. Res., Vol 4(9), 4181-4184, 2012,	ISSN : 0975-7384	Yes 0.34	One	Supervisor	12.6

18	Thermal behavior and Thermo kinetic studies of Co(II), Ni(II), Cu(II) Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) with Tetradentate Schiff base having N ₂ O ₂ donor group.	International Journal of Chem. Sci. & Tech., Vol. 2 (3), 231-235 2012,	(ISSN: 2248-9797).	Yes 0.569 Cosmos Impact Factor 5.498	One	Supervisor	12.6
19	Synthesis, characterization, thermal and antibacterial studied of cobalt(II), nickel(II), copper(II) and zinc(II) complexes of hydrazone Schiff base.	International Journal of Chemical and Pharmaceutical Sciences, Vol 3(3), , 30-33, 2012	ISSN: 0976-9390	Yes 0.684	One	Supervisor	12.6
20	Thermal behaviour and Thermokinetic studies of Thiazole Schiff Base Complexes Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI).	International Journal of Basis and Applied Research, 23-26, 2012,	ISSN - 2249-3352.	Yes 0.31	One	Supervisor	12.6

21	Synthesis and Thermokinetic Studies of Co(II), Ni(II), Cu(II), Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) Complexes Derived from Bidentate Thiazole Schiff Base.	Asian J. Research Chem. 5(10): 1238-1241 2012	ISSN 0974-4169	Yes 0.142	One	Supervisor	12.6
22	Synthesis, characterization and Thermal Studies of Schiff Base Complexes of Co(II), Ni(II), Cu(II), Zn(II) Cr(III), Mn(III), Fe(III), VO(IV), and Zr(IV).	Int. J. Chem Tech Res., 5(1), 362-366, 2013	ISSN-0974-4290	Yes,	One	Supervisor	9.1
23	Thermal decomposition Kinetics of Mn(III) Complexes of Hydrazone Schiff base.	International Journal of Research in Biosciences Agriculture and Technology SI(I), 123-127, 2015	ISSN 2347 – 517X	Yes	Two	Supervisor	9.1

24	Co(II), Ni(II), Cu(II) And Cr(III) complexes Of Heterocyclic Schiff Base Ligand: Synthesis, Spectroscopic And Thermal Study.	International Journal of Advanced Research and Publications, Vol 1 (2), 1-5, 2017.	ISSN-2456-9992.	Yes, 4.908	One	Supervisor	12.6
25	Synthesis, Spectroscopic and Thermal Studies of Fe(III) and VO(IV) Complexes of Heterocyclic Schiff Base Ligand.	Indian Journal of Advances in Chem. Sci..5(4) 318-323, 2017	ISSN:2320-0898	Yes, 0.208	One	Supervisor	12.6
26	Synthesis and Spectral Characterization , Thermal, and Biological Studies of Cu(II) Co(II) and VO(IV) Complexes with Schiff base derived from Benzhydrazide ligand.	Bionano Frontier, 10(2), 2017	ISSN 0974-0678	Yes 0.2334	One	Supervisor	12.6
27	Synthesis Characterization and Thermal behavior of Co(II), Ni(II), Cu(II) and Cr(III) Complexes of Schiff base ligand	Bionano Frontier, 10(2), 2017	ISSN 0974-0678	Yes 0.2334	One	Supervisor	12.6

28	Synthesis Spectral Characterization, Thermal and Biological Studies of Co(II), Ni(II) and Cu(II) Complexes with 2,4-dinitrophenyl Hydrazone Ligand.	Aayushi International Interdisciplinary Research Journal (AIIRJ) 25(Sp), 457-459 2018	ISSN 2349-638x	Yes	Two	Supervisor	12.6
29	Synthesis and characterization of chalcone and their Fe(III) metal complexes	Int. Res. J. of Science and Engineering. Sp. 56-60. 2018	ISSN: 2322-0015	Yes	Three	Supervisor	9.1
30	Synthesis Spectral characterization and Biological Activity of Schiff Base Metal Complexes Derived From Dapsone and Salicylaldehyde.	International Journal of Current Engineering and Scientific Research(IJCESR), 6(1), 879-885, 2019	ISSN 2393-8374	Yes, 0.695	Two	Supervisor	12.6

31	Synthesis Spectroscopic and Thermal Studies of Co(II), Ni(II), Cu(II), Cr(III), Mn(III), Fe(III), VO(III) and Zr(IV) Complexes with o-Vaniline Salicyloyl hydrazine and their Antimicrobial Activity.	International Journal of Current Engineering and Scientific Research(IJCESR) 6(1), 886-894, 2019,	ISSN 2393-8374	Yes, 0.695	Three	Supervisor	12.6
32	Synthesis, Physicochemical and Thermal Studies of (E)-N-(1-Phenylethylene) benzohydrazide and its metal Complexes.	International E-Research Journal, 110(B), 59-63, 2019	ISSN 2348-7143	Yes Impact Factor - (SJIF) – 6.625, (CIF) – 3.452(2015), (GIF)–0.676	Two	Supervisor	12.6
33	Synthesis, spectral characterization, thermal and biological studies of Cu(II), Co(II), Th(IV) and Zr(IV) complexes with symmetric thiocarbohydrazone ligand.	J. Adv Sci Res 10(4) 53-59, 2019.	ISSN: 0976-9595	Yes 0.567	Two	Supervisor	12.6

34.	SYNTHESIS, SPECTRAL CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF SCHIFF BASE METAL COMPLEXES DERIVED FROM DAPSONE AND SALICYLALDEHYDE, V. A. Sadafale, A.P. Thakare P.R.Mandlik* , 6, 879-885	IJCESR	2393-8374	UGC Approved	02	Yes	17.5
35.	SYNTHESIS, SPECTROSCOPIC AND THERMAL STUDIES OF CO(II), NI(II), CU(II), CR(III), MN(III), FE(III), VO(IV) AND ZR(IV) COMPLEXES WITH O-VANILINE SALICYLOYL HYDRAZONE AND THEIR ANTIMICROBIAL ACTIVITY S.D. Deshmukh, V.A. Sadafale, P.R. Mandlik* , 6, 886-894	IJCESR	2393-8374	UGC Approved	02	Yes	17.5
36.	SYNTHESIS PHYSICOCHEMICAL AND THERMAL STUDIES OF(E)-N-(1-PHENYLETHYL) BENZOHYDRAZIDE AND ITS METAL COMPLEXES A.O.Bobde, S.K.Rithe and P.R. Mandlik* '110B, 59-63	International E-Research Journal	1328-1431	UGC Approved	02	Yes	25
37.	Synthesis, Spectral and Thermal Studies of Metal Complexes of 2,4-Dihydroxyacetophenonesalicyloyl Hydrazone(DHASH) P.R. Mandlik & S.D. Deshmukh	<i>Journal of Emerging Technologies and Innovative Research JETIR</i> 2020 , 7(2) 629-634	ISSN-2349-5162	Yes 5.87	One	Supervisor	12.6

38.	Thermokinetic Studies of Co(II), Ni(II), Cu(II), Cr(III), Mn(III), Fe(III), VO(IV), Zr(IV) and UO ₂ (VI) Complexes Derived From Bidentate Thiazole Schiff base. P.R. Mandlik & S.R. Kelode	<i>Journal of Emerging Technologies and Innovative Research JETIR</i> 2020 , 7(2)517-520	ISSN-2349-5162	Yes 5.87	one	Supervisor	12.6
39.	Cr(III), Mn(III), Fe(III) and VO(IV) Complexes Of 2,4-Dihydroxyacetophenone and Sulphapyridine. P.R. Mandlik & V.A. Sadafale	<i>Journal of Emerging Technologies and Innovative Research JETIR</i> 2020 , 7(2)369-374	ISSN-2349-5162	Yes 5.87	One	Supervisor	12.6
40.	Synthesis, Spectroscopic and Thermal Analysis of Co(II), Ni(II), Cu(II), Cr(III), Fe(III) and VO(IV) Transition Metal Complexes of Pyrazoline Schiff Base Ligand. P.R. Mandlik & A.P. Thakare	<i>Journal of Emerging Technologies and Innovative Research JETIR</i> 2020 , 7(2)364-368	ISSN-2349-5162	Yes 5.87	One	Supervisor	12.6
41.	Dye Yielding Mushrooms from Amravati-Melghat Region. G.B. Hedawoo & P.R. Mandlik	<i>Journal of Emerging Technologies and Innovative Research JETIR</i> 2020 , 7(2) 19-25	ISSN: 2349-5162	Yes 5.87	One	NO	12.6
42.	Synthesis, Spectral, Characterization, Thermal Studies and Antimicrobial Activity of Metal(II) Complexes of 2,4-Dihydroxybenzophenone Salicyloyl	<i>Vidyabharati International Interdisciplinary Research</i>	ISSN 2319-4979	UGC Approved	01	Supervisor	12.6

	Hydraxzone P.R.Mandlik & S.D.Deshmukh	<i>Journal (Special Issue - May 2020)</i>					
43.	Synthesis, Spectral Characterization, Thermal And Biological Studies Of Mononuclear Cr(III), Mn(III), Fe(III), VO(IV) And UO ₂ (VI) Complexes Derived from Thiocarbohydrazone Ligand. P.R.Mandlik & P.K.Deshmukh	<i>Indian Journal of applied research 2020 10(7), 1-4.</i>	ISSN 2249-555X	Yes	One	Supervisor	12.6
44.	Mononuclear Complexes of Co(II), Cu(II), Zr(IV) and Th(IV) Of 4- Bromo-2-(1-((2,4-Dimethylphenyl)imino)Ethyl)-Phenol: Synthesis, Spectral, Thermal and Biological Studies. P. R. Mandlik, P. K. Deshmukh, P. R. Deshmukh & S. K. Rithe	<i>International Multidisciplinary Multilingual Peer Reviewed Research Journal 2020, 7(4), 22-28</i>	ISSN 2394-7632	Yes	Three	Supervisor	12.6
45.	Synthesis, Spectroscopic Characterization, Thermal Analysis and Biological Studies of Hydrazone Schiff Base and its Co(II), Cu(II), Th(IV) and Zr(IV) Metals Complexes Prashant R. Mandlik and Pratik K. Deshmukh	<i>Saudi Journal of Medical and Pharmaceutical Sciences 2020, 6(12), 724-732</i>	ISSN 2413-4910	Yes	One	Supervisor	12.6
46..	Synthesis, spectral and thermal studies of Co(II), Ni(II), Cu(II) and Zr(IV) complexes of salicylaldehyde salicyloyl hydrazone and their antimicrobial activity Prashant R. Mandlik and Swati D. Deshmukh	<i>International Journal of Scientific Development and Research (IJSDR) 2020, 5(12), 30-36</i>	ISSN: 2455-2631			Supervisor	12.6

47.	Synthesis, Spectral Characterization, Thermal Studies and Antimicrobial Activity of Cr(III), Mn(III), Fe(III) and VO(IV) Complexes of 2-Hydroxy-5-methylacetophenone Salicyloyl Hydrazone. P.R. Mandlik & S.D. Deshmukh	<i>Saudi Journal of Medical and Pharmaceutical Sciences</i> 2020, 7(1), 7-14	ISSN 2413-4910	Yes	One	Supervisor	12.6
48.	Synthesis and Physicochemical Characterization of Fe(III) and VO(IV) Complexes of Dapson and Salycilaldehyde P. R. Mandlik & V. A. Sadafale	<i>International Journal of Scientific Development and Research (IJS DR)</i> 2020, 5(12), 712-716	ISSN: 2455-2631	Yes	One	Supervisor	12.6
49.	Synthesis and Physicochemical Characterization of Fe(III) and VO(IV) Complexes of Dapson and Salycilaldehyde P. R. Mandlik & V. A. Sadafale	<i>International Journal of Scientific Development and Research (IJS DR)</i> 2020, 5(12), 712-716	ISSN: 2455-2631	Yes	One	Supervisor	12.6
50.	SYNTHESIS, SPECTRAL CHARACTERIZATION AND ANTIBACTERIAL STUDIES OF SCHIFF BASES DERIVED FROM SULPHA DRUGS P. R. Mandlik & V. A. Sadafale Page No. 701-707	<i>Heterocyclic Letters</i>	ISSN: (print) 2231-3087/ (online) 2230-9632	Yes	one	Yes	12.6

51.	“Thiocarbohydrazone Schiff Base Metal Complexes: Synthesis, Characterization and Applications.” S. B. Rathod & P. R. Mandlik	<i>International Journal of Advanced Research in Engineering Technology & Science</i> 10(10)2023	ISSN: 2349-2819	Yes	01	Yes	12.6
52.	“ Synthesis, Spectroscopic Characterization, Thermal Analysis and Biological Studies of Thiocarbohydrazone Schiff base and its Co(II), Cu(II), Cr(III), Mn(III), Fe(III) and VO(IV) Metal Complexes S. B. Rathod & P. R. Mandlik	<i>International Journal of Advanced Research in Engineering Technology & Science</i> 10(12)2023	ISSN: 2349-2819	Yes	01	Yes	12.6
53.	“Synthesis, Spectral Characterization, Thermal and Biological Studies of Fe(III), Co(II), Cu(II), Mn(III), Cr(III) and Vo(IV) Complexes of Thiocarbohydrazone Ligand” S. B. Rathod & P. R. Mandlik	<i>International Journal of Science and Research (IJSR)</i> 13(12) 2024	ISSN: 2319-7064 Impact Factor 2023: 1.843	Yes	01	Yes	12.6
54.	“Synthesized novel chromogenic reagent and sensor: Detection and identification of dichlorvos” Prashant R. Mandlik, Aswin D. Gedam, Manish M. Katiya, Madhukar G. Dhone, Kapil S. Ganorkar, Vijay J. Thakare, , Nitin L.JadhaoJayanta M. Gajbhiye, Ravi Kumar, Nayana Vaval	<i>Heliyon</i> 10(2024) e31217		Yes I.F. 3.4	09	Yes	14

55.	“Synthesis, spectral characterization, thermokinetics and biological studies of Co(II), Ni(II), Cu(II), Zn(II) and Zr(IV) complexes derived from hydrazone Schiff base, P.R. Mandlik & P.R. Deshmukh	<i>Scholars International Journal of Chemistry and Material Sciences, Vol. 7(12), 2024.</i>	ISSN 2616-8669 (Print) ISSN 2617-6556 (Online)	Yes	01	Yes	12.6
56..	“Synthesis, characterization and antimicrobial activity of Cr(III), Mn(III), Fe(III), VO(IV) and Th(IV) metal complexes from hydrazone ligand derived from salicyloyl Hydrazide” P.R. Mandlik & P.R. Deshmukh	<i>Journal of Research in Chemistry, Vol. 6(1), 2025</i>	E-ISSN: 2709-9423 P-ISSN: 2709-9415	Yes	01	Yes	12.6
57.	Comprehensive study on the synthesis and characterization of Cr(III), Mn(III), Fe(III) and Co(II) of thiocarbohydrazone metal complexes. S. B. Rathod & P. R. Mandlik	<i>International Journal of Scientific Research in Engineering & Management (IJSREM) 09(12)2025</i>	ISSN: 2582-3930		01	Supervisor	
58.	Synthesis, characterization and thermal degradation study of CO(II), Ni(II) and Cu(II) complexes of Heterocyclic Schiff base ligand. A.P. Thakare & P.R. Mandlik	<i>Heterocyclic Letters</i>	ISSN 2231-3087 (Print) ISSN 2230-9632 (Online)		01	Supervisor	

