

Curriculum Vitae

Dr.Sandeep N.Sampal



Dr. Sandeep N. Sampal
Assistant Professor
Department of Chemistry
Kalikadevi Arts, Commerce and Science
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PERSONAL:

Date of Birth: 08 Dec. 1984
Nationality/Sex/Marital Status: Indian/Male/Married

EDUCATION:

Ph.D : **Title of thesis:** Syntheses, Characterization and Biological
Evaluation of Metal Complexes of β - diketones.
Master of Science (M. Sc.) : June 2009 with 65.00%
(Physical Chemistry) Department of Chemistry,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
Bachelor of Science (B. Sc.) : Oct. 2006 with 63.00%
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Teaching Experience:

- October 2011 to till date Assistant Professor
(Department of Chemistry)
Kalikadevi Arts, Commerce & Science College,
Shirur Kasar, Dist.Beed.

Research Experience:

- July 2013 to Feb. 2020 Research Scholar
Dept. of Chemistry, Dr.BAM University, Aurangabad.

Research Interest:

- Design and synthesis of bioactive compounds and its complexes.
➤ Nanotechnology, Electrochemistry.

Invited talks, Lectures in workshops and related events

- 1.Resource person for Gateway to NET/SET Exams in Chemical Sciences (Feb 2020) Shri. Anand College, Pathardi.
2. Invited lecture at Milliya College, Bees. (October 2016)
3. Invited lecture at Sawarkar Mahavidyalaya, Beed. (October 2022)
4. Invited lecture at Prathisthan Mahavidyalaya, Paithan (Jan 2012)
5. Examiner state level Poster Presentation, Milliya College, Beed. (2020)

Participation in Seminars, Conferences –Paper Presentation, Poster Presentation:

Sr. No.	Title of Presentation	Title of Conference/ Seminar	Mode of Presentation	Name of Organizer	International /National/State or University
1	Potentiometric investigation of Complexes	Recent Trends in Nanoscience & Nanotechnology for Clean & Sustainable Development	Paper Presentation	Vasant Mahavidyala, Kaij, Beed.	National
2	Synthesis, Characterization and Antimicrobial activity of metal complexes of β -diketone	Exploring New Horizons In Chemical Sciences(2019)	Poster Presentation	Deogiri College, Aurangabad.	International
3	Synthesis, Characterization and Antimicrobial studies of	Emerging Trends in Physical and Chemical Sciences (2020)			National

	metal complexes of 1,3-dione.				
4	Synthesis, Characterization and antimicrobial activities of transition metal complexes of 1,3 dione	ACTRA –Multi-Disciplinary Research Meet 2023	Paper Presentation	Kohinoor College,Khultabad,Dist.Aurangabad.	National
5	Impact of Global Warming on Environment	Effect of Global Warming on Environment	Presentation	Art's , Commerce and Science College,Pimpalner, Dist.Beed.	National
6	Synthesis, characterization and antimicrobial studies of novel 1,3 dione and its metal complexes	Recent Trends in Chemical Sciences Research (RTCSR-2024)	Presentation	Balbhim College , Beed.	National

Research Publications:

Sr. No.	Title of Paper	Name of Journal	Impact factor	ISSN No.
1.	Synthesis, characterization and antimicrobial screening of 1, 3-dione with their metal complexes, Vol.30,No.2,p.398	Asian Journal of Chemistry(2017)	0.18	0975-427X
2.	Mixed ligand complexes of zinc metal ion with antibacterial drug Oxytetracycline hydrochloride and amino acids in aqueous media.	Frontiers in Chemical Sciences (2017)	-----	2394-5304
3	Synthesis, characterization and antimicrobial studies of 1-(5-bromo-2-hydroxyphenyl)-3-(4-bromophenyl)-propane-1, 3-dione and their transition metal complexes, Vol.11,No.4,p.1485	Rasayan Journal of Chemistry (2018)	0.10	0974-1496
4.	Physicochemical studies of metal complexes and its biologically active ligands	Journal Biological Chemical	----	2454-7476

		Chronology(2019)		
5.	Antibacterial and X-ray diffraction study of Cr(III) and Fe(III) metal complexes of Thiosemicarbazone	To chemistry Journal Vol.7,Pg.69 (2020)	-----	2581-7507
6.	An one-spot synthesis of 1,3,4-Thiadiazole derivative by conventional and modern technique	International Journal of Scientific research in Science, Engineering and Technology.Vol.9, Issue5,Pg.137. (2021)	----	2394-4099
7.	Synthesis, characterization and antimicrobial studies of the metal complexes of β -diketone	International Journal of Scientific research in Science, Engineering and Technology.Vol.9, Issue5,Pg.167 (2021)	---	2394-4099
8.	A facile an efficient synthesis of benzimidazole using reusable Phthalimide-N-Sulfonic Acid.	International Journal of Scientific research in Science, Engineering and Technology.Vol.9, Issue 8,Pg.138(2022)	---	2394-4099
9.	An Efficient and one spot synthesis of fluorinated thiadiazole derivative under ultrasonic irradiation	Vidyabharati International Interdisciplinary Research Journal (2022)	---	2319-4979
10.	Synthesis, Characterization, and Antimicrobial Evaluation of 2-Phenyl-5-{2-[3-(trifluoromethyl)phenyl]ethenyl}- 1,3,4-oxadiazole Derivatives	Russian Journal of Organic Chemistry, 2023, Vol. 59, No. 10, pp. 1813–1818	0.88	ISSN 1070-4280
11.	Impact of Global Warming on Environment	Current Global Reviewer Page.135 (2023)	---	2319-8648