



Maratha Vidya Prasarak Samaj's

Arts, Commerce and Science College, Nandgaon, Dist. Nashik (M.S.)

Faculty Profile



Faculty Name	: Dr. Smt. S. L. Sangle
Qualification	: M.Sc., SET, PhD
Designation	: Professor (Chemistry)
Address for Communication	: 11/3 Atharv Pride, S. N. Kute marg, Dattawadi, Nashik-02
Field of specialization	: Organic Chemistry
Email Id :	: shilpasangle620@gmail.com

Qualification

Sr. No.	Degree	University/Institution	Grade	Year of passing	Specialization
1	B.Sc	G. E. Society's , Bytco College, Nashikroad	First Class with distinction	2002	Chemistry
2	M.Sc	RYK Science college, Nashik	First Class with distinction	2005	Organic chemistry
3	SET	Savitribai Phule Pune University	-	2005	Chemical Sciences
4	Ph.D.	Savitribai Phule Pune University	-	2020	-

Experience

Sr. No.	Name & Address of Employer	Post Held	Period of Service
1	MVP'S SSSM Arts, Science and Commerce College, Saikheda	Assistant Professor in Chemistry	11 th August 2005 to 11 th January 2024
2	MVP'S Arts, Commerce and Sciences College, Nandgaon	Professor in Chemistry	12 th January 2024 to Till Date

Research Paper Published on Journal

Sr. No.	Title of the Paper	Name of Journal	Year of Publication
1	Detection of Heavy Metals Absorbed by Water Hyacinth Growing in Godavari River near Saikheda	Journal of Biological and Chemical Research An International Journal of Life Sciences and Chemistry, Vol. 31, 2,1127-1129 ISSN 0970-4973 Print ISSN 2319-3077 Online/Electronic	2014
2	Study of Physico-Chemical Characteristics of Godavari River Water around Saikheda	Conference on CHEMISTRY OF OVERALL DEVELOPMENT OF HUMAN BEING, Cidaco college, Nashik	Special conference issue, 2015
3	To prepare test paper and study dyes property of Hibiscus Sabdariffa and Bougainville Spectabilis flower extract	International Journal of Pharmaceutical Research and Development (IJPRD), ISSN: 0974-9446	2015
4	Eco-friendly Synthesis of PbMnO ₃ : Its photocatalytic Activity for Removal of Orange G Dye	IJCPS Vol. 7, Special Issue ISSN:2319-6602 ICAFM - March 2018 International Journal of Chemical and Physical Sciences	IJCPS Vol. 7, Special Issue 2018
5	Physico-chemical Characterization of farmland soil used in some villages around Saikheda, Nashik	International Research fellows association Research Journey multidisciplinary international E-research journal, ISSN- 2348-7143	2018, Special issue 44
6	An Efficient Multicomponent Synthesis of Octahydroquinazolinone Derivatives Using Novel Recyclable Grafted Fe APA-Complex Catalyst.	International Journal of Scientific Research in Science, Engineering and Technology Online ISSN : 2394-4099 Print ISSN : 2395-1990 UGC Approved Journal No : 47147	2018,

		DOI : https://doi.org/10.32628/IJSRSET11841110	
7	Synthesis, Characterization and Gas Sensing Performance of PbMnO ₃ , PbMnO ₃ : SiO ₂ and PbMnO ₃ : Al ₂ O ₃	International Journal of Scientific Research in Science, Engineering and Technology, Print ISSN: 2395-1990 Online ISSN : 2394-4099, DOI : https://doi.org/10.32628/IJSRSET1184111	Volume 4, Issue 11, 2018, 1-5
8	Synthesis and Characterization of Modified Metal Complexes of Fe (II) and Zn (II) with 2-hydroxyacetophenone azine	International journal of Research and Analytical Review E-ISSN 2348-1269, P- ISSN 2349-5138	January 2019, Volume 06, Issue 1, 502-508
9	REVIEW ON SYNTHESIS, CHARACTERIZATION AND APPLICATION OF RUTHENIUM COMPLEXES	International journal of Research and Analytical Review	Vol. 5, Issue 4, 2018, 73-78
10	Synthesis, Characterization and Photocatalytic application of CuSnO ₃ Perovskite oxide	Journal of Emerging Trends and Innovative Research (JETIR)	Volume 6, Issue 3, 2019, 82-86
11	Efficient Synthesis of pyranopyrazoles Derivatives using Silica grafted CuSnO ₃ catalyst	Journal of Advanced Scientific Research (UGC care listed) Vol 13 (2), 38-43, (2022), https://doi.org/10.55218/JASR.202213206	March 2022
12	Ecofriendly synthesis of pure and modified CuMnO ₃ : It's application as gas sensor	Materials Today: Proceedings ISSN 0223-5234, (Scopus) https://doi.org/10.1016/j.matpr.2022.08.453	2022
13	A Brief Review on Pervoskite Oxides Synthesis and Applications	International Journal of Science and Research	11, 2022, 598-603
14	SYNTHESIS AND CHARACTERIZATION OF Fe AND Zn COMPLEXES	Journal of Emerging Technologies and Innovative Research	9 2022, 216-222
15	REVIEW ON SYNTHESIS OF PYRANOPYRAZOLES DERIVATIVES	Journal of Emerging Technologies and Innovative Research	7, 2020, 1348-1353

16	Synthesis of Biologically Active Compound 1,4-Dihydropyridine by using An Efficient and Versatile Silica Supported MgO Catalyst	Der PharmaChemica	14,2022,8-13
17	One Pot Efficient Synthesis of Adridinedione derivatives using Flyash-ZrO ₂ Catalyst under solvent free condition	Research Journal of Chemistry and Environment (UGC Care listed)	Vol. 27 (7) July (2023), p-106-112 https://doi.org/10.25303/2707rjce1060112
18	An apporoach to rapid one-pot multi-component synthesis of 1,4-Dihydropyrano [2,3-C] Pyrazole catalyzed by core shell NiO-Co ₃ O ₄ @CuO nanoplates under solvent-free conditions,	Heterocyclic Letters, (Web of Science, UGC Care listed).	Nov-Jan-2024.

Chapter in book:

Sr. No.	Title of the Chapter	Title of the book	Publisher, ISBN no. and year of publication
1	Introduction to Schiff Base ://dx.doi.org/10.5772/intechopen.108289	Schiff Base in Organic, Inorganic and Physical Chemistry edited by Dr. Takashiro Akitsu	Intech Open, London, ISBN 978-1-80355-679-6, 2022
2	New Education Policy 2020: Concepts, Approaches and Challenges	NEW EDUCATION POLICY 2020: CONCEPTS, APPROACHES AND CHALLENGES	Shriyanshi Prakashan, Agra, ISBN 978-93-81247-11-2, 2023, 117-133, 2023.

National Patent:

Sr. No.	Title of the Patent	Patent office	Year of publication
1	P ^H paper and Indicator prepared from Calatropis Gigantea Flower Extract and method of preparation thereof	Patent office journal no. 41/2023.	13/10/2023

Academic achievements

Workshop/ Seminar/ Conferences:-

Sr. No.	Name	Name of Sponsoring Agency	Place	Date
1	NEP 2020 : Establishment of Research and Development Cell (RDC)	MVP'S SVKT ASC College Deolali Camp, Nashikroad	Nashik	13 th & 14 th Feb 2023
2	Human Resource Development Center (Workshop)	IMRT College, Nashik	Nashik	4 th April 2023

Conference	Seminar	Workshop
5 Attended	15 Attended	05 Attended

College Committees

<ul style="list-style-type: none">• Science Incharge
<ul style="list-style-type: none">• HOD, Department of Chemistry

Dr. S. L. Sangle
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Professor
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