

Teacher Profile

Name

Mobile:

E-mail:

Address:



Personal Information

- Name : **Dr. Smt. Shilpa L. Sangle**
- Date of Birth : **17 January 1980**
- Nationality : **Indian**
- Present Position : **Professor**
- Experience : **19 years**
- Marital Status : **Married**
- Areas of Research : **Material Science**
- Vidwan ID : **377816**
- Orcid ID : **0000-0002-5224-9882**

Educational Details

Degree / Diploma	College /University	Year of Passing	Percentage Marks/CGPA	Class
B.Sc	G. E. Society's , Bytco College, Nashikroad	2002	74 %	First Class with distinction
M.Sc	RYK Science college, Nashik	2005	75%	First Class with distinction
SET	Savitribai Phule Pune University	2005	-	-
Ph.D.	Savitribai Phule Pune University	2020	-	-

Thesis/dissertation/Project

Degree	Name of the Guide	Title
Ph.D.	Dr. Ashok V. Borhade	Synthesis and Characterization of Modified Perovskite metal oxides (ABO_3 , ABO_4 , and AB_2O_5): Their Application as Catalyst and Gas Sensors.

Teaching Experience (19 Years)

Organization	Duration	Designation	Total Experience
MVP'S SSSM Arts, Science and Commerce	11 th August 2005	Associate Professor	18 years

College, Saikheda	to 11 th January 2024		
MVP'S Arts, Commerce and Sciences College, Nandgaon	12 th January 2024 to 30 th September 2024	Professor	9 months
MVP'S KSKW Arts, Science and Commerce College, Cidco, Nashik.	1 st October 2024 to till date	Professor	Till date

Technical Skills:

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Research

Research Paper Publications (1)

Name of Author/s	Year of Publication	Title of Paper	Name of Journal	Vol.	Publisher	Pp	ISSN/ ISBN
S.L.Sangle, R.B.More, S.S.Ghumare	2014	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	31	-	112 7- 112 9	ISSN 0970-4973 Print ISSN 2319-3077 Online
S.L.Sangle, R.B.More, S.S.Ghumare	2015	Study of Physico-Chemical Characteristics of Godavari River Water around Saikheda	Conference on CHEMISTRY OF OVERALL DEVELOPMENT OF HUMAN BEING, Cidco college, Nashik. Special issue	-	-	169 - 171	-
R.B.More, S.L.Sangle, S.S.Ghumare	2015	To prepare test paper and study dyes property of Hibiscus Sabdariffa and Bougainville Spectabilis flower extract	International Journal of Pharmaceutical Research and Development (IJPRD),	6	-	82- 86	0974-9446
S.L.Sangle, D.R.Tope, A.V.Borhade		Eco-friendly Synthesis of PbMnO ₃ : Its photocatalytic Activity for Removal of Orange G Dye	IJCPS, Special Issue ICAFM - March 2018 International Journal of Chemical and Physical Sciences	7	-		2319-6602
S.L.Sangle	2018	Physico-chemical Characterization of farmland soil used in some villages around Saikheda, Nashik	International Research fellows association Research Journey multidisciplinary international E-research journal, Special issue 44	-	-	-	2348-7143
S.L.Sangle, S.S.Ghumare	2018	An Efficient Multicomponent Synthesis of Octahydroquinazolinone	International Journal of Scientific Research in Science, Engineering and Technology	4	-	30- 35	Online ISSN : 2394-4099 Print ISSN :

		Derivatives Using Novel Recyclable Grafted Fe APA-Complex Catalyst	UGC Approved Journal No : 47147 DOI : https://doi.org/10.32628/IJSRSET11841110				2395-1990
S.L.Sangle, D.R.Tope, A.V.Borhade	2018	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, , DOI : https://doi.org/10.32628/IJSRSET1184111	4	-	1-5	Print ISSN: 2395-1990 Online ISSN : 2394-4099
S.L.Sangle	2019	Synthesis and Characterization of Modified Metal Complexes of Fe (II) and Zn (II) with 2-hydroxyacetophenone azine	International journal of Research and Analytical Review	6	-	502-508	E-ISSN 2348-1269, P- ISSN 2349-5138
S.L.Sangle	2018	REVIEW ON SYNTHESIS, CHARACTERIZATION AND APPLICATION OF RUTHENIUM COMPLEXES	International journal of Research and Analytical Review	5	-	73-78	E-ISSN 2348-1269, P- ISSN 2349-5138
S.L.Sangle, D.R.Tope, A.V.Borhade	2019	Synthesis, Characterization and Photocatalytic application of CuSnO ₃ Perovskite oxide	Journal of Emerging Trends and Innovative Research (JETIR)	6	-	82-86	2349-5162
S.L.Sangle, D.R.Tope, A.V.Borhade S.S.Ghumare	2022	Efficient Synthesis of pyranopyrazoles Derivatives using Silica grafted CuSnO ₃ catalyst	Journal of Advanced Scientific Research (UGC care listed) https://doi.org/10.55218/JASR.202213206	13	-	38-43	0796-9595
G.B.Dabhade, S.L.Sangle, A.V.Borhade	2023	Ecofriendly synthesis of pure and modified CuMnO ₃ : It's application as gas sensor	Materials Today: Proceedings , (Scopus) https://doi.org/10.1016/j.matpr.2022.08.453	77	-	39-44	0223-5234
S.L.SANGLE	2022	A Brief Review on Pervoskite Oxides Synthesis and Applications	International Journal of Science and Research	11	-	598-603	2319-7064
S.L. Sangle, S.S.Ghumare	2022	SYNTHESIS AND CHARACTERIZATION OF Fe AND Zn COMPLEXES	Journal of Emerging Technologies and Innovative Research	9	-	c216-c222	2349-5162
S.L.Sangle	2020	REVIEW ON SYNTHESIS OF PYRANOPYRAZOLES DERIVATIVES	Journal of Emerging Technologies and Innovative Research	7	-	1348-1353	2349-5162
S.L.Sangle, D.R.Tope, A.V.Borhade	2022	Synthesis of Biologically Active Compound 1,4-Dihydropyridine by using An Efficient and Versatile Silica Supported MgO Catalyst	Der Pharma Chemica	14	-	8-13	0975-413X
S.L.Sangle, D.R.Tope, A. V. Borhade	2023	One Pot Efficient Synthesis of Adridinedione derivatives using FlyashZrO ₂ Catalyst under solvent	Research Journal of Chemistry and Environment (UGC Care listed)	27	-	106-112	

		free condition					
S.V.Thakare. S.L.Sangle, A.V.Borhade	2024	An approach 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).		-	-	
S.S. Lalsare, R.B.More, S.L.Sangle	2024	Isolation of natural universal indicator and preparation of pH paper from Calotropis gigantea Linn. floral aqueous and ethanolic extract and study of their applications and benefits	Biospectra	19	-	265 - 270	0973-7057
S.V.Thakare. S.L.Sangle, A.V.Borhade	2024	Synthesis of Bis-Pyrazole Derivatives Using Coal Fly Ash @CuO CoreShell Nanocomposite and their Molecular Docking against Human Tyrosyl DNA Phosphodiesterase	Current Catalysis	-	-		ISSN (Print): 2211-5447 ISSN (Online): 2211-5455

Research Paper Papers presented in International /National Conferences

Name of Author/s	Year	Title of Paper Presented	Name of conference	Organized by	Place
A.V. BORHADE1, S. L. SANGLE, D. R. TOPE, S. S. KUSHARE	2018	Eco-friendly Synthesis of PbMnO ₃ : Its photocatalytic Activity for Removal of Orange G Dye	International conference on Advances in Functional Materials-2018	K.R.T. Arts, B.H. Commerce, A.M. Science (KTHM) College, Nashik	Nashik
S.L.Sangle	2021	Synthesis, Characterization and application of SnO ₂ nanoparticles	Challenges and Opportunities in Chemistry Research	HPT arts and RYK Science college Nashik	Nashik
S.L.Sangle, R.B.More, S.S.Lalasre	2024	Facile Synthesis Of Novel Znco 3 Nanoparticles For Efficient Photocatalytic	World Multidisciplinary Conference on Recent Trends in Environmental	K.R.T. Arts, B.H. Commerce, A.M. Science (KTHM) College, Nashik	Nashik

		Degradation Of Xylenol Orange Dye	Science and Management (WMCRTESM)		
S.S.Lalasre, S.L.Sangle, R.B.More,	2024	Impact Of Thermal Power Station On Human Beings, Surrounding Environment And Ways To Mitigate Thermal Pollution	World Multidisciplinary Conference on Recent Trends in Environmental Science and Management (WMCRTESM)	K.R.T. Arts, B.H. Commerce, A.M. Science (KTHM) College, Nashik	Nashik
R.B.More, S.L.Sangle, S.S.Lalasre	2024	Isolation Of Natural Ph Indicator And Prepared Ph Paper From Calotropis Gigantea Flower Extract And Method Of Preparation Thereof	World Multidisciplinary Conference on Recent Trends in Environmental Science and Management (WMCRTESM)	K.R.T. Arts, B.H. Commerce, A.M. Science (KTHM) College, Nashik	Nashik

Resource Person for Conferences /seminar/workshops

Name of the Programme	Name of Organizing Agency	International (Abroad)/International (within Country)/ National/ State/University level	Title of the Paper / Talk	Duration (Dates of Event)
M.R.Jaykar employability skill development program	SSSM ASC College Saikheda	University level	Communication skills: Listening and Speaking	21/01/2020
NSS	SSSM ASC College Saikheda	University level	Women empowerment	09/01/2024
NSS	ASC College Nandgaon	University level	Personality Development	28/01/2024
NSS	SSSM ASC College	University level	Anna suraksha	19/01/2024

	Saikheda			
M.R.Jaykar employability skill development program	SSSM ASC College Saikheda	University level	Goal setting	16/03/2023

Research Guide (Ph. D/M.PHIL/PG) in descending order

Sr. No.	Title of Project/Dissertation Thesis	Name of student	University	Ph.D/ M.Phil/PG	Month/Year of award

Books/Patent Publication

Sr. No.	Title of Book/Patent	Publication	ISBN
1.	Introduction to Schiff Base	INTECHOPEN, London	978-1-80355-679-6
2.	New Education Policy 2020: Concepts, Approaches and Challenges	Shriyanshi Prakashan, Agra	978-93-81247-11-2
3.	P ^H paper and Indicator prepared from Calatropis Gigantea Flower Extract and method of preparation thereof	National Patent office journal no. 41/2023 dated 13/10/2023	-
4.	Metal complex	INTECHOPEN, London	978-0-85014-073-6

Refresher/Orientation/FDP/Training

Sr. No.	Name of Refresher/ Orientation/ FDP/ Trainings Programme attended	Organizing Institute	Period	Grade / Completed
1	Refresher Course in Environmental Science	HPT Arts and RYK Science College, Nashik, Maharashtra	20/11/2008 to 10/12/2008 (21 Days)	Completed
2	Orientation Course	Dr. BAMU Aurangabad	4/07/2011 to 31/07/2011 (28 Days)	Completed
3	Winter School in Chemistry	Shivaji University, Kolhapur	11 Nov. to 1 Dec. 2013	Completed
4	Faculty Development Programme	K.T.H.M. College, Nashik	05/08/13 to	Completed

			10/08/13	
5	Faculty Development Programme	K.T.H.M. College, Nashik	08/10/18 to 14/10/18	Completed
6	Faculty Development Programme	MG Vidyamandir's LVH ASC College, Panchawati Nashik	19/07/19 to 28/07/19	Completed
7	Online Faculty development programme	School of Mathematical Sciences, Swami RamanandTeerthMarathwada University, Nanded.	27/04/20 to 02/05/20	Completed
8	Online Faculty development programme	Teaching Learning Centre, Ramanujan College, University of Delhi	18/05/2020 to 03/06/2020	Completed

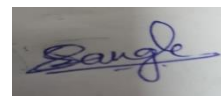
Seminar /Conference/ STTP Attended

Sr. No.	Name of Seminar /Conference/ STTP Attended	Organizing Institute	Period	Participated
1	MS-DEED level 1	MVP Samaj's ASC college Trambakeshwar	28/11/2024 to 30/11/2024	Completed
2	Skill Development training programme, 'Train The Trainer'	MVP Samaj's CMCS College, Nashik	29/12/2015 to 31/12/2015	
3	Skill Development training programme, 'Train The Trainer'	MVP Samaj's Engineering College, Nashik	3 to 5 July 2016	

Role in Curriculum/Administrative Activity (College level committee)

1. Worked as HOD
2. IQAC coordinator

I hereby declare that the above written particulars are true to the best of my knowledge and belief.



Date: 7/12/2024

Prof. (Dr.) S. L. Sangle
Name and digital signature