

DEPARTMENT OF CHEMISTRY

1. Year of Establishment : 1990
2. Names of Programmes : B.Sc.
3. Pattern : Semester
4. Faculty Profile

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Dr. S.V. Pore	M.Sc., M.Phil., Ph.D.	Head & Asso.Professor	Organic Chemistry	26
Mr. S.N. Gotpagar	M.Sc.	Assistant Professor	Inorganic Chemistry	24

5. List of Visiting Faculty : 16- On clock hour basis

Sr. No.	Name	Qualification	Designation	Specialization	No.ofYears of Experience
1	Dr. Lad U.P.	M.Sc, Ph.D	Assist.Professor	Inorganic	12
2	Mr. Kambale P.D.	M.Sc	Assist.Professor	Inorganic	10
3	Miss. Pawar A.P.	M.Sc	Assist.Professor	Organic	05
4	Miss. Pol N.D.	M.Sc	Assist.Professor	Analytical	03
5	Mr.Suryawanshi A.S.	M.Sc	Assist.Professor	Analytical	03
6	Miss. Inamdar Y.S.	M.Sc	Assist.Professor	Analytical	03
7	Miss.Mulik A.B.	M.Sc	Assist.Professor	Analytical	02
8	Mr.Kadam A.P.	M.Sc	Assist.Professor	Analytical	03
9	Mr.Patil A.V.	M.Sc	Assist.Professor	Analytical	02
10	Mr.Pawar D.M.	M.Sc	Assist.Professor	Organic	02
11	Mr.Thorat J.C.	M.Sc	Assist.Professor	Analytical	01
12	Miss.Malaji K .V.	M.Sc	Assist.Professor	Organic	00
13	Miss. Patil T.T.	M.Sc	Assist.Professor	Organic	00
14	Miss.Mohite P.S.	M.Sc	Assist.Professor	Organic	01

15	Miss.Patil J.B.	M.Sc	Assist.Professor	Organic	01
16	Miss.Shete S.B.	M.Sc	Assist.Professor	Organic	01

6. Ongoing Research Project :

Sr. No.	Faculty	Title of the Project	Funded by	Period	Amount Utilized
1	Dr. S.V. Pore	Kinetics & Mechanistic study of single electron transfer oxidation reaction of structurally related heterocyclic acid by vanadium	UGC	1 st Jan. 2016 Onward	3,25,000/- Sanctioned but not released

7. Publications

Sr. No	Title of the Paper	Name of the Journal	Vol. No. &Year	Level of Journal	IF
1	Kinetics and Mechanism of Oxidation of o, m and p Methyl Substituted Phenoxy Acetic Acid Hydrazidestotheir Corres-ponding Aryloxy Acetic Acids by Vanadium (V)	Research Journal of Chemistry and Environment	Vol.19 (2). 2015 P-39-44	Internati onal 2278-4527	0.636
2	Effect of Substituents on rate of oxidation of phenoxy acetic Acid Hydrazides by Vanadium(V)	Research Journal of Chemistry & Environment	Vol-18(7) 2014, P-33-37	Internati onal 2278-4527	0.636
3	Physico-chemical investigation of public water supply schemes from Krishna River in Palus Tehsil of Sangli District, (M. S)., India	Asian Journal of Multidisciplinary Studies	Vol-2 Issue-10, 2014 P-181-185	Internati onal 2321-8819	0.923
4	Residual Impact of Pesticides in Agricultural Soil Profile of Kadegaon Tahsil (M.S) India.	Asian Journal of Multidisciplinary Studies	Vol-2 Issue-12,Dec - 2014 P-37-42	Internati onal 2321-8819	0.923
5	Applications of Nanotechnology for Purification of Water and its Comparison with Traditional methods, Green Nanotechnology	Asian Journal of Multidisciplinary Studies	Vol-3 Issue-2 , Feb-2015 P-61-63	Internati onal 321-8819	0.923
6	Tube Well Water Profile in Kadegaon Tahsil of Sangli District, (M.S.) (India)	Online International Interdisciplinary Research Journal	Vol-V-(Special Issue)2015 :101-110	Internati onal 2249-9598	2.217

7	Groundwater Profile in Khanapur Tehsil of Sangli District, (M.S.) (India)	Bio-Nano Frontier Journal of Science & Technology	Vol.8 (3) :146-153	International 0974-678- - 320-9593	
8	Redox-Reaction of iso-Nicotinic Acid Hydrazide by Hexacyano-ferrate (III) A Kinetics and Mechanistic Approach.	Bio-Nano Frontier Journal of Science & Technology	Vol.8 Issue-3 p-94-99	International 0974-678- - 320-9593	
9	Impact of Fertilizers on emission of gases in green house farming and its significance on Global warming	Emerging Trends in Basic and Applied Sciences (ETBAS 2015)	First Edition: 2015	International 978-93-5212-826-6	
10	Effect of green harvest on fertility of soil	Emerging Trends in Basic and Applied Sciences (ETBAS 2015)	First Edition: 2015	International 978-93-5212-826-6	
11	Kinetics and Mechanism of Single Electron Transfer Redox Reaction of Nicotinic acid Hydrazide by Hexacyanoferrate (III) in alkaline medium”	Journal of Researches in Bioscience, Agriculture and Technology.	Issue (3) vol, II 2015	International 2347-517X	
12	Analytical Investigation of Milk From Various Animal Sources Available In Sangli District (M.S.) India.	Research Frontiers in Science	First Edition 2016 P-61-71	International 978-81-931247-1-0.	
13	Oxidation of Picolinic Acid Hydrazide By Hexacyanoferrate (Iii) In Sodium Hydroxide Medium Under Pseudo First Order Condition	International Journal of Current Research.	March 2016	International 0975-833x	6.226
14	Chemical Investigation of Effluent From Milk Processing Unit	Congress on Science & Technology for Society ICSTS-2014.	Vol II issue(7) nov2015,	International 2347-517x	

8. Areas of consultancy : Water & Soil analysis

9. Academic Membership :

1. Member: Shivaji University Chemistry Teachers Association
2. Member: Shivaji University Teachers Association
3. Member: Vishwashanti Multipurpose Society for Technologically Advanced Material of India. Nagpur

10. Awards Received by the faculty : -

1. **Best Poster presentation:** International Conference on Biotechnology for Better Tomorrow organized by Microbiology Association of India at Rajiv Gandhi science center Mauritius on 11,12 Nov 2013.

Title of the paper: Biodegradation of chlorpyrifos by *fluorescent Pseudomonas*.

2. **Best Paper presentation:** UGC sponsored state level seminar on Recent Trends in Green Chemistry organized by Hutatma Rajguru Mahavidyalaya , Rajgurunagar Dist. Pune. On 13/8/2016

Title of the paper: Analytical Investigation of Industrial Effluents and receiving Ground Water Profile of Textile park in Kadegaon of Sangli District (M.S.) India.

11. Seminars /Conferences / Workshops organized:

1. National Conference on Global Warming funded by UGC on 6th and 7th Feb. 2014
2. Seminar on 'Microanalysis in Chemistry' funded by UGC on 1st and 2nd Feb. 2013