

DEPARTMENT OF CHEMISTRY

Vision: 'To impart the best training in chemistry through effective teaching and learning mechanism'.

Mission –:

- 1.To conduct seminars and group discussion for the students to develop self-confidence and expression power.
2. To develop skill in the students for their success in job market & further progression.
3. To produce good chemist for chemical industries.
4. To keep students well versed with the opportunities for progression in higher studies

Year of Establishment of Department : 1990

1. **Programs** : UG – B.Sc.
2. **Pattern** : Semester (CBCS)
- 3.UG Course : B.Sc. (Chemistry)
: B.Sc. I & II (Optional Chemistry)

Skill Based Short term Certificate Course of three 3 Month Duration affiliated to Department of Lifelong learning & Extension of Shivaji University Kolhapur: Prof. Dr. S. V. Pore

Preparation of Household Chemicals: 2012 to onwards every year

Value added Short term Certificate Course of 3 Month duration: Shri. A. L. More

1 Water Analysis: 2021-22

2. Food Adulteration: 2022-23

Out rich Activity for Social Awareness: 2022-2023

- 1.Benifits of Soil analysis in Agriculture: Prof. Dr. S. V. Pore
- 2.Importance of Water Analysis for drinking purpose: Dr. A.S. Kadam
- 3. Harmful effects of pesticides on Human health: Shri. S.N. Gotpagar
- 4. Introduction to food adulteration: Shri. A.L. More

Swayam Course: Dr. A.S. Kadam

Seminar/ Group Discussion / Project work / Quiz / Industrial Visit / Market Survey:

B.Sc.I: Shri. S.N. Gotpagar

B.Sc.II: Shri.P.D.Kamble

B.Sc.III: Prof.Dr.S.V.Pore & Shri. A.L. More

MoU/ Collaboration:

1) MoU signed with Dr.Patangrao Kadam Sonhira Sahakari Sakhar Karkhana Ltd. Mohanrao Kadam Nagar Wangi.Dist. Sangli on 18th April.2022.

A] Industrial Visit was organized on 4th May 2022. 36 Students & 4 faculty members were participated in it.

B] Industrial Visit was organized on 23rd February 2023. 36 Students & 3 faculty members were participated in it

2) MoU signed with Department of Chemistry, Balwant College Vita.on 15th March 2022.

a) In Faculty Exchange Programme Prof. Dr. S.V.Pore & Shri. A. L. More deliverd lecture on 12th April 2022.

b) In the Workshop on Preparation of Household Chemical organized by department of Chemistry Balwant College Vita on 13th May 2022. 15 Students from our department have Participated.

C) In Poster presentation at Balwant College Vita on 4/3/2023 Prof. Dr. S.V.Pore & Shri. A.L. More Worked as a Examiner

D) In Faculty Exchange programme Prof. Dr. S.V.Pore & Shri. A.L. More delivered lecture.

3. Faculty Profile

Sr. No	Name of Faculty	Qualification	Designation	Specialization	Experience in Years
1	Prof.Dr. S.V.Pore	M.Sc.,M.Phil.,Ph.D	Professor & Head	Organic Chemistry	32 Years
2	Shri. S.N.Gotpagar	M.Sc.	Assistant Professor	Inorganic Chemistry	31 Years
3	Dr. A.S. Kadam	M.Sc, Ph. D	Assistant Professor	Analytical Chemistry	3 Years
4	Shri. A.L. More	M.Sc.,B.Ed., SET	Assistant Professor	Organic Chemistry	2 Years

4. Visiting Faculty

Sr. No	Name of Faculty	Qualification	Designation	Specialization	Experience in Years
1	Shri. P.D. Kamble	M.Sc.,B.Ed., SET,	Assistant Professor (CHB)	Inorganic Chemistry	16 Years
2	Shri.V.B.Dhanawade	M Sc., SET	Assistant Professor (CHB)	Inorganic Chemistry	01 Years
3	Dr. N. S. Surywanshi	M Sc., Ph.D	Assistant Professor (CHB)	Analytical Chemistry	02 Years

5. Research Project Completed : Minor/Major Research Project

Sr. No	Faculty	Title of the project	Funded by	Period	Amount Utilized
1	Prof. Dr. S. V. Pore	Kinetic study of structurally related hydrazides by vanadium(V)	Shivaji University Kolhapur.	2004-2006 Completed	5000/-
2	Prof. Dr. S. V. Pore	Physico-Chemical Study of Soil with special reference to grape fields in Kadegaon	UGC New Delhi. WRO Pune.	2006-2008 Completed	35000/-
3	Prof. Dr. S. V. Pore	Kinetics and Mechanistic study of single electron transfer oxidation reaction of structurally related heterocyclic acid by Vanadium	UGC New Delhi. WRO Pune.	2016-2018/19 Completed	325000/-

6. Academic Membership:

Life Member:

Sr. No	Professional Organization of Teachers
1	Vishwashanti Multipurpose society for Technologically advance Material of India. Nagpur
2	Shivaji University Teachers Association
3	Shivaji University Chemistry teachers Association

PART-IV: Member of Professional Society/Bos/Faculty/ Any Other
Part. A (Period: 2005 to 2010)

Sr, No	Desig-nation	Name of Academic Body/ Committee of Shivaji University Kolhapur(SUK)	Year		Period in Years
			From	to	
1	Chairman	BoS in Chemistry and Industrial Chemistry.SUK	2005	2010	5
2	Chairman	32(5)A Committee for Appointment ofExaminer.SUK	2005	2010	5
3	Member	Academic Council.SUK	2005	2010	5
4	Member	Faculty of Science.SUK	2005	2010	5
5	Member	BUTR-Board of University, Teaching& Research. SUK	2005	2010	5
6	Member	RRC-Research and Recognition Committee.SUK	2005	2010	5
7	Member	Career Oriented Council.SUK	2005	2010	5
8	Member	Redressel Committee. SUK	2005	2010	5
9	Member	Library Committee.SUK	2005	2010	5
10	Member	DRC-Departmental research Committee(University) for M. Phil & Ph.D. Synopsis &Thesis Scrutiny.SUK	2005- 2010		5
11	Member	University Curriculum 80:20 Pattern. SUK	2007	2009	02
12	Member	University Curriculum Semester Pattern. SUK	2009	2010	01
13	Chairman	Cluster for practical exam of B.Sc.,II & III Sugar Tech			05

Part.B (Period:2017 to 2023)

Sr, No	Desig-nation	Name of Academic University Body/ Committee of Shivaji University Kolhapur	Year		Period
			From	to	
1	Member	BoS in Chemistry & Chemical Engineering Date of declaration of Election result:20/11/2017	20/11 2017	2022	5
2	Member	Faculty of Science and Technology:31/3/2018	2017	2022	5
3	Member	Standing Committee on Special cell (1/12/2019)	2020	2023	3
4	Member	Rule& Regulation Preparation Committee for Life long Education and Extension Department from Shivaji University Kolhapur(Meeting date: 16/07/2018	2005	2010	5
5	University Representative	U.G.C. Planning Board for Block Grants to College (2018) Committee at Padmabhushan Vasantdada Patil College Kavatemahankal.Dist. Sangli. Meeting Date: 7/9/2018	2005	2010	5
6	University Observer	M.Sc.I Chemistry Admission spot round :at Balwant College Vita, Date:06/08/2018	2018	--	01

Part. C Other

Sr, No	Desig-nation	Name of Academic University Body/ Committee of University Kolhapur	Year		Per iod
			from	to	
1	Member	College Development Committee-CDC: Meeting: 28/6/2018 Rajarambapu College of Sugar Technology, Islampur	2018	2023	05
2	Subject Expert & Member	Committee Constituted for Inspection of New Study Centre of Yashvantrao Chavan Maharashtra Open University Nashik. Divisional Centre at Kolhapur. Visited A. Rajarambapu College of Sugar technology:30/6/2018 B.Vivekanand College Kolhapur: 07/8/2018			
3	Observer	NAPT Exam held Every year at Mahatma Gandhi Vidyalaya kadegaon (in month of Nov)	2018	2019	

PART-V: Abroad Visit for Attending and presenting research paper in an international Conferences: Prof. Dr. S.V.Pore

Sr.	Place	Theme of the International Conference	Year
1	Mauritius	Biotechnology for better Tomorrow	2013
2	Srilanka (Colombo)	Conservation of Environment by advanced technologies through social approach for sustainable developments in Chemistry	2015
3	Dubai(Raka)	Science and Technology for Society.ICSTS-2014	2015

Seminar/ Conference/ Workshop Organized by department: As an Organizing Secretary

Sr No	Title Workshop/Conference/Seminar	level	Funded by	Date
1	Workshop on Draft Revised Syllabus of B. Sc .III Chemistry	University	Shivaji University	15/12/2004
2	Workshop on Green Chemistry & Environment	University Lead College	Shivaji University	3 rd Feb. 2007
3	Workshop on Project Formulation in Science	State level	UGC	5 th Feb.2007
4	Workshop on Spectroscopic Methods and Reaction Mechanism	University Lead College	Shivaji University	12 &13 Feb. 2008
5	Workshop on Mathematical Concepts in Physical Chemistry	College	College	5 Feb. 2009
6	Workshop on Water and Soil Analysis	Workshop	Lead College	17&18 Mar.2011
7	Competitive Examination Guidance	Workshop	Lead College	20 Dec. 2011
8	Workshop on Micro Analysis in Chemistry	State	UGC	1 st &2 nd Feb.2013
9	National Conference Global Warming	National	UGC	6 th &7 th Feb.2014
10	Seminar on Mathematical Analysis	State	UGC	4 th Feb. 2015
11	Water Analysis	Workshop	College	25 th Feb. 2015
12	Preparation of Household Chemicals	Workshop	College	22 nd Jan. 2016
13	Skill Development Programme for B.A, B.Com & B. Sc. III Students by CSR patronage Barclay's Connect with work and NASSCON'S & Global Talent tracks Pvt .Ltd. Pune	Training programme	College	7th to 9th March 2018
14	Career Opportunities in Chemistry after B.Sc. (https://forms.gle/WKGdjuP8b6ELm61z9)	Online Workshop	Lead College	26 th July 2021
15	Applications of Advanced Physics & Chemistry for Development of Science	Online National Conference	College	24 th June 2022

1. Student Profile:

Class	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
B.Sc I	134	161	125	115	88	45	68
B.Sc II	110	78	92	62	77	77	22
B.Sc III	63	72	59	61	42	56	42

10. Academic Results in % at University Examinations:

Class	B.Sc I		B.Sc II		B.Sc III				B.Sc III			
	Semester I	II	III	IV	V				VI			
Paper No.	I & II	III & IV	V & VI	VII & VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
2017-18	96	96	94	94	96	95	98	96	95	98	96	96
2018-19	97.98	95.97	98.68	88.16	97.18	100	98.59	100	100	100	98.59	100
2019-20	88.33	79.20	94.51	95.60	100	100	100	100	100	100	100	100
2020-21	100	98.15	100	100	100	100	100	100	100	100	100	100
2021-22	100	96.84	100	100	100	100	100	100	100	100	100	100
2022-23	91.90	100	79.07	100	78.57	80.36	76.79	96.43	90.91	90.91	100	90.91

2. Prominent Alumni of the Department

Sr	Name of the Student	Post	Address of Organization	Phone No.	email
1	Suvarna Natha Sawant (Sonsal)	Quality Control officer	Emcure Pharmaceuticals Pune	74983 70141	suvarnasawant27052003@gmail.com
2	Gitanjali Ramkrishna Suryawanshi (Apshinge)	Chemist	Pharmaceuticals Pune	91128 54526	gitanjalisuryawashi711@gmail.com
3	Pratiksha Annaso Mulik (Nimsod)	Chemist	AMPHENOL Pharmaceuticals Pune	74982 27088	pratikshamulik755@gmail.com
4	Rutuja Rajendra Kharade (Khambale) 68.75	Chemist	AMPHENOL Pharmaceuticals Pune	93225 43268	rutujakharade505@gmail.com
5	Miss Anuksha Uttam Yadev Set pass (Sept. 2021)	Assistant Professor	SGM College Karad	84592 13793	anukshayadavdeshmukh@gmail.com
6	Miss Shraddha Hanmant Rote (2018-19)	Chemist	Hindustan Pharma Ltd. Palghar	99702 89866	roteshraddha1997@gmail.com
7	Miss Rutuja Ramchandra Mulik (2018-19)	Senior research Fellow	Zuventus healthcare ltd. Joint Ventures Emcure Pharmaceutical Pune	70301 61181	rutujamulik077@gmail.com
8	Miss Prajкта Pralhad Jadhav Jun 2018 oct.2022	Assistant Professor	Adarsh College Vita	90672 81304	Prajaktajadhav1122@gmail.com
9	Miss. Havisha Popat Kadam(2005-06)	Chemist	Chemotest Laboratoryies Ltd. Shivadi. Mumbai Now since 2021 working as a & at	95940 42058	bhaktij1986@gmail.com

			Cloud Engineer, Edelweiss broking Ltd.Vidyavihar Mumbai.		
10	Miss. Rohini Laxman Pol C/O Mrs.Ronini Vivek Jagadale	Trainee Chemist in Quality Control Department	Svizera labs. Plot.No. 29-33 Govandi	90969 98228	Rohinipol1997@gmail.com
11	Miss. Pranita Bajirao Mulik C/o Pranita Pol (2017)	Junior.Quali ty.Control. Chemist	Kremoint Pharma Private Ltd D-1904 1910 Bldg No.2 19thFloor Kailash Business park Veer Savarkar Marg. Vikroli Power Link Road . Vikroli (W) Mumbai 400079	73871 74856	Pranitamulik141407@gmail.com
12	Miss. Ramejabi Jahangir Sayyad (Ph.D.) Organic chemistry at Y. M. College pune.(Dec. 2022)	Asst. Manager	Clean chem laboratories Navi Mumbai Koperkhairan	77568 15487	ramejasayyad91@gmail.com .
13	Miss. Poonam Shankar Mandake	Asst. Teacher	Dr.Patangrao Kadam Vidyalaya Shirasgaon Sonsal	97308 04659	mandakepoonam2@gmail.com
14	Miss. Sayali Suresh Kumbhar	Asst. Professor	Arts, Commerce & Science Palus	86003 68176	kumbharsayali2000@gmail.com
15	Miss Komal Kisan kadam	Research Executive (Trainee)	Clean chem laboratories Navi Mumbai Koperkhairan	86009 53490	komalkadam3199@gmail.com
16	Miss. Nikita Natha Khade	Analyst	Analytical solutions A Division of Inditech instrument Pvt.Ltd. Plot.No. B.22, MIDC, TTC Industrial Area navi mumbai	77097 04215	nikitakhade15@gmail.com
17	Miss. Rupali Shankar Patil	Asst. professor	Rajarambapu College of Sugar technology Bahe Road Islampur	91456 30236	patilrupa411@gmail.com
18	Shrutika Mohite	Analyst	R&D Department	85307 49065	mohiteshrutika99@gmail.com

			Clean Chem laboratories Navi Mumbai koperkhairan	80107 04816	
19	Miss.Shrutika krishnarao Mohite Tondoli 1999	Supervisor	Mahila v Balvikas Vibhag Mumbai Ulhasnagar	98195 10086 87797 93258	shrutimp79@gmail.com
20	Miss.Anandi Jangam	Asst. Teacher	Pimpri Chinchawad mahanager palika Mhetre wadi Shala.No 92	97652 82378	anandi.j154@gmail.com
21	Miss.Surekha Ankush Patole	Teacher	Dr.Patangrao Kadam Junior College Kundal	73850 08141	surekhapatole37@gmail.com
22	Miss.Shraddha Sanjay Kumbhar 2018-2020	Teacher	Bachpan English Medium School Kadepur	96892 41267	Kumbharshraddha098@gmail.com
23	Miss.Aparna Jagadale Nikam	Teacher	Singapur	65811 73148	
24	Miss.Poonam Sanjay Kumbhar	teacher	New Little Wings School kadepur	72494 08621	poonamkumbhar651@gmail.com
25	Miss.Darshana Jagdish Bhasme	Teacher	Vidyashree Classes & Genious Academy for Junior College Kadegaon	93705 01644	darshanabhasme01@gmail.com
26	Miss. Anita Namdeo More	Teacher	Shrirang Namdeo kadam Junior College Kadegaon	80801 94027	moreanita2202@gmail.com
27	Miss. Aparna Mohite (2019)	Chemist	Quality Control Department Hindustan laboratories Palghar	95792 77951	mohiteaparna253@gmail.com
28	Miss. Shraddha Narayan Suryvunshi	H.R	Applied Cloud Computing Ghansoli Navi Mumbai	81041 96986	shraddha6197@gmail.com
29	Miss. Shreeya Dipak Viibhute	Research Associate	Syngene international Ltd. Biocon Special Economic Zone Bommasandra Bangalore 560099	77560 36929	shreeyavibhute67@gmail.com
30	Miss.Neelam Ravindra Jagatap	Analyst	EHS Metrix Pvt.Ltd.Pune Environmental Consultancy	80809 50981	nilamjagtap710@gmail.com

31	Miss.Kajal Ashok Gundkar	Police (Mumbai)	Mumbai Police	98226 47659	kajalgundkar@gmail.com
32	Miss. Jyoti Sanjay Nikam	Analyst		91757 43554	
33	Miss. Mulani karishma Majanuddin	Business Corrospodence	Bank of Maharashtra Branch Kadegaon	84830 54545	Mulanikarishma1992@gmail.com
34	Smt.Sulbha Tanaji Mohite	Business	New Trishul Assyers.521, Ravivar peth Pune	94212 26988	newtrishulassyers@gmail.com
35					

3. Awards & Incentives received by the Faculty or Students:

Sr No	Awards/ Incentives	Awarded by	Place	Date
1	Bharat Vidyaratan Award	International Business Council, New Delhi	New Delhi	14 Dec.2018
	Certificate of excellence for outstanding and remarkable role in the field of education			
2	BEST TEACHER AWARD	Abhinav Vidyapeeth and Shreyas Charitable trust Vita	Shreyas Hall Vita	5/9/2005
3	BEST POSTER PRESENTATION AWARD	International Conference on "Biotechnology for Better Tomorrow"	Rajiv Gandhi Science Center Mauritius	11 th &12 th Nov. 2013
	Title of the Paper	Biodegradation of Chlorpyrifos by fluorescent Pseudomonas		
4	BEST PAPER PRESENTATION AWARD	State level Seminar on "Recent Trends in Green Chemistry"	Hutatma Rajguru Mahavidyalaya Rajgurunagar.Tal-khed Dist. Pune	13 th Aug. 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.		
5	Appreciation of Contribution in Academic Council of Shivaji University Kolhapur	Academic Council Shivaji University Kolhapur	As a member of Academic Council , Contribution for overall development of Shivaji University	1sept.2005 to 31 st Aug 2010
6	Travel Grant Received: Rs.55148/-	UGC. New Delhi	To Attend and Present Paper in an International Conference at Srilanka	2015
	Title of the Paper	"Kinetics and mechanism of single electron transfer redox reaction of Nicotinic acid hydrazide by hexacyanoferrate (III) in alkaline medium"		

4. Research Publications :

Sr . no	Faculty	Scopus	Web of Science	PubMed	UGC Care	Referred Peer Reviewed Journals	Conference Proceeding
1	Prof. Dr. S.V.Pore	04	03	--	12	07	
2	Shri. S.N. Gotpagar					01	
3	Dr. A.S. Kadam	01	--	--	02	--	--
4	Shri. A.L. More					04	
5	Shri.P.D.Kamble					01	

5. Book/ Chapters in Book Published :Prof. DR. S. V. Pore: C. Editor in Chief:

Sr No	Book type	Conference/Seminar/Workshop	ISBN No	Date	Place
1	Proceeding Book	Published UGC Sponsored National Conference on Global Warming	ISBN: 978-93-5156-228-3	6 th &7 th Feb.2014	Kadegaon
2	Proceeding Book	UGC Sponsored State level Workshop on Micro Analysis in Chemistry		1 st &2 nd Feb.2013	Kadegaon
3	Proceeding Book	UGC Sponsored State level Seminar on Mathematical Analysis	ISBN: 978-93-5196-969-3	4 th Feb. 2015	Kadegaon

6. Book/ Chapters in Book Published: Shri.A. L. More

Sr No	Book type	Conference/Seminar/Workshop	ISBN No	Date	Place
1	Proceeding Book	International Conference on Emerging Trends in Basic & Applied Sciences	ISBN: 978-93-88901-24-6 Vol.II,P.28-33	Jan 2023	Kolhapur

7. D. Associate Editor:

Sr	Title of the Book/International Journal	Publisher	ISBN/ ISSN No
1	"Frontiers of Research in Science" First Edition: 2016	Bhumi Publishing house Kolhapur	ISBN No. 978-81-931247-1-0
2	International Journal of Researches in Bioscience, Agriculture and Technology	Vishwashanti Multipurpose Society.Reg.No:659/13(N)	ISSN No. 2347-517X

8. E. Section Editor:03

Sr.	College Magazine	Publisher	Year
1	"Alankar Bharati Science Section	Principal, Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya Kadegaon	1998-1999 ,1999-2000 2001-2002

9. Life Member:

Sr	Professional Organization of Teachers
1	Vishwashanti Multipurpose society for Technologically advance Material of India. Nagpur
2	Shivaji University Teachers Association
3	Shivaji University Chemistry teachers Association

10. F. Chief Advisor: 1.Chem Quiz: Conducted every year (from 2006 to 2010) in all Colleges for the Students of B,Sc, III Chemistry in the Jurisdiction of Shivaji University Kolhapur in association with Shivaji university Chemistry teacher Association.

2. Advisory Committee Member: U.G.C.Sponsored State level conferences organized by various colleges in the Jurisdiction of Shivaji university, Kolhapur ,Savitribai Phule university, pune and Mumbai University Mumbai.

Sr No	Title of Seminar	Level	Sponsorer	Organizer (Dept. of Chemistry)	Date
1	Applications of Solid state Material	State	UGC	Sharadchandra Mahavidyalaya Lonand Tal-Uran Dist. Raigad	4,5 Dec.2009
2	Scope &Applications of Chemistry in Crime investigation	State	UGC	A.S.C. College Palus Dist. Sangli	8,9 Dec.2009
3	Green Chemistry	State	UGC	Dahiwadi College Dahiwadi	28,29 Dec. 2009
4	Recent trends in Qualitative analysis in Chemistry	State	UGC	Veer Wajekar A.S.C. College Mahalan Vibhag Phunde Tal- Uran Dist- Raigad	22,23 Jan. 2009
5	Emerging Trends and Innovations in Science and Technology	National	UGC	Yashwantrao Chavan College of Science Halkarni. Dist. Kolhapur	1 st Feb.2020