



Maratha Vidya Prasarak Samaj's
S.S.S.M. Arts, Science and Commerce College,
Saikheda
Tal. Niphad, Dist. Nashik.

INDIVIDUAL STAFF PROFILE

I General Information					
1.	Name of Teacher	:	Dr. Kajale Dnyaneshwar Dattu		
2.	Gender	:	Male		
3.	Designation	:	Head, Department of Chemistry		
4.	Date of Birth	:	11.01.1971		
5.	Address (Residential)	:	F- 402, B -Wing, Sahyadri Heights, Bhoir mala, Opposite Mahadeo Colony, Makhmalabad Road, Nashik		
	Phone	:	Mobile No : 9423235157		
	E-mail	:	ddkajale2009@gmail.com ddkajale@rediffmail.com		
6.	Academic Qualifications	:	M.Sc., B.Ed., Ph.D.		
	(I) Master's Degree	:	M.Sc.		
	(ii) Research Degree	:	Ph.D.		
	(iii) Any other degree/diploma/certificate	:	B.Ed.		
	(iv) NET / SLET	:	-		
7.	Area of Specializations	:	Inorganic Chemistry		
II Teaching Experience					
		:	Year	Month	
	(I) UG	:	25	10	
	(ii) PG	:	9	6	
	(iii) M. Phil	:	-	-	
	(iv) Any other	:	-	-	

III. a) Research Guidance					
			No. of Candidates		
			Awarded	Submitted	Pursuing
	(i) M.Phil. up to Academic Year 2022-2023	:	-	-	-
	(ii) M.Phil. in the Academic Year 2023-2024 till date	:	-	-	-
	(iii) Ph.D. up to Academic Year 2022-2023	:	-	-	-
	(iv) Ph.D. in the Academic Year 2023-2024 till date	:	-	-	-

III. b) Details of Ph.D. Awarded:			
S. No.	Name of the Candidate	Title of the Thesis	Year
1	-	-	-

IV. Research Projects: (Major/Minor/Other Research Projects)					
S. No.	Title of the Project	Name of the Funding Agency	Amount in Rs.	Duration	Remarks Completed /Pursuing.
1	Synthesis of Perovskite oxide and its use for environmental monitoring.	BCUD, S. P. Pune University	Rs. 2,00,000/-	2	Completed
2	Synthesis of Strontium titanate and its gas sensing performance by using thick films	UGC (WRO, Pune)	Rs. 1,12,000/-	2	Completed

V Seminars/Conferences/Workshop (ANNEXTURE- V)			
A) Seminars/Conferences/ Workshops- Attended/Participated		Up to Academic Year 2022-23	In the Academic Year 2023-24 (Till date)
(i)	At the State Level	05	01
(ii)	At the National Level	08	01
(iii)	At the International Level	03	01
<i>Note:</i>	<i>Details are given in Annexure-I</i>		
B). Seminars/Conferences/ Workshops- Participated & Presented Papers		Up to Academic Year 2022-23	In the Academic Year 2023-24 (Till date)
(i)	At the State Level	-	-
(ii)	At the National Level	04	-
(iii)	At the International Level	02	-
<i>Details are given in Annexure-I</i>			

C. Seminars/Conferences/ Workshops- Acted as Resource Person		Up to Academic Year 2022-23	In the Academic Year 2023-24 (Till date)
(I)	At the State Level	-	-
(ii)	At the National Level	-	-
(iii)	At the International Level	-	-
D. Seminars/Conferences/ Workshops- Organized (ANNEXTURE- IV)		Up to Academic Year 2022-23	In the Academic Year 2023-24 (Till date)
(I)	At the State Level	01	-
(ii)	At the National Level	01	-
(iii)	At the International Level	-	-
Note:	<i>Details are given in Annexure</i>		

VI. Publication. (ANNEXTURE- III)

Number of Publications	Up to Academic Year 2022-23		In the Academic Year 2023-24 (Till date)	
	Published	Accepted for Publication	Published	Accepted for Publication
i. Books	-	-	-	-
ii. Contribution to edited Volume of Books	-	-	-	-
iii. Journals (national Level)	-	-	-	-
iv. Journals (International Level)	22	-	-	-

VII. Citation Index: (Furnish the details)

h- index	11
Citations	709
Highly influential citations	09

VIII. Awards reserved if any (Furnish the details)

-
-

IX. Membership in Academic body

(Board of Studies in-Universities and Autonomous College)

-

X. Membership in Professional body

1. Life member of Indian science Congresses since 2015.
2. Member of Chemistry Teachers Association since 2017.

XI. Participation in Consultancy, Training and Development etc.

-

-

XII. Participation in Extracurricular Activities (NSS, NCC, Sports, Games, Voluntary association and Cultural activities)

-

-

XIII. Administrative position held in the College

1. Working as Co-ordinator of Dr. MRJ Employability Skill development Programme.
2. Working as Member of Science association.

XIV. Membership in autonomous programme**XV. Countries visited for Academic purposes:**

Purpose of Visit	Name of the University	Name of City and country	Year
Paper presentation in 3 rd International Conference on 'Sensing Technology, ICST-2008'	National Cheng Kung University, Tainan	Tainan, Taiwan.	2008

XVI. Any other information if any.

-

Dr. D. D. Kajale
(M.Sc., B.Ed., Ph.D.)

ANNEXTURE- I

Contribution in University committee:

Sr. No.	University committee
1.	Worked as District Coordinator for T. Y. B.Sc. Practical examination of Savitribai Phule Pune University. March/April examination -2007. March/April examination -2008. March/April examination -2009.
2.	Worked as a Subject expert in Selection committee of Savitribai Phule Pune University appointed for the interview of Assistant professor at K.K.H.A. Arts, S.M.G.L. Commerce and Science College Chandwad. Dist.- Nashik (M.S.) August 30 th -31 st , 2013.
3.	Worked as a Subject expert in Scrutiny committee of Savitribai Phule Pune University appointed for the 'Avishkar-2013' Zonal level Project Competition at Arts, commerce and Science College Chandwad. Dist.- Nashik (M.S.) December 21 st , -2013
4.	Worked as a Subject expert in Selection committee of Savitribai Phule Pune University appointed for the interview of Assistant professor at K.K.H.A. Arts, S.M.G.L. Commerce and Science College Chandwad. Dist.- Nashik (M.S.) September 20 th , 2014.
5.	Worked as a Subject expert in Scrutiny committee of Savitribai Phule Pune University appointed for the 'Avishkar-2015' Zonal level Project Competition at Arts, commerce and Science College Chandwad. Dist.- Nashik (M.S.) October 3 rd , -2015.
6.	Worked as a Subject expert in Selection committee of Savitribai Phule Pune University , appointed for the interview of Assistant professor at K. K. Wagh Education Society Panchwati, Nashik. Dist.- Nashik (M.S.) January 9 th , -2018
7.	Worked as Moderator for Central Assessment Programme of T.Y. B.Sc. Semester Examination (Inorganic Chemistry paper CH-504), appointed by Savitribai Phule Pune University. January 2023

ANNEXTURE- II

Faculty Development Programs [Orientation/Refresher / Short-term Course] attended (Courses Completed):

Sr. No.	Name of Course	Name of the conducting Institute/University	Dates	Subject
1.	Orientation course	UGC HRD Center, Savitribai Phule Pune University, Pune	3/12/2007 to 29/12/2007	General
2.	Refresher course	UGC HRD Center, Savitribai Phule Pune University, Pune	17/11/2004 to 07/12/2004	Chemistry
3.	Short term Course	UGC HRD Center, Savitribai Phule Pune University, Pune	08/10/2018 to 14-10-2018	Instrumental techniques for Chemical analysis
4.	Refresher course	UGC HRD Center, Savitribai Phule Pune University, Pune	10/12/2018 to 30/12/2018	Environmental Science
5.	Faculty Development Programme (10 days,)	UGC HRD Center, Savitribai Phule Pune University, Pune	21/05/2020 to 30-05-2020	Effective ways to develop E- content for Teaching learning (Chemistry)
6.	National One Week online Faculty Training Programme	Deen Dayal Upadhyaya College (University of Delhi) and KTHM college, Nashik.	03/08/2020 to 10/08/2020	Pedagogical Training for effective online Teaching and Learning
7.	Faculty Development Programme (Online Mode)	UGC HRD Center, Savitribai Phule Pune University, Pune	25/09/2023 to 01/10/2023	Mentoring and counselling Skills
8.	Refresher course (Online mode)	UGC HRD Center, University of Mumbai. Mumbai.	22/11/2023 to 05/12/2023	Chemistry

ANNEXTURE- III

Research Paper Published on Journal

Sr. No	Title of the paper	Name of Journal, Volume number, Issues and pages.	Name of authors	Year of publication
1.	Studies on Gas Sensing Performance of Pure and Surface Modified SrTiO ₃ Thick Film Resistors.	<i>Sensors and Transducers</i> , Vol.6, pp. 57-68.	D. D. Kajale V. B. Gaikwad, , Y. R. Baste, S. D. Shinde, P. K. Khanna, N. K. Pawar, D. N. Chavan, M. K. Deore, G. H. Jain	August 2009
2.	Synthesis of SrTiO ₃ Nanopowder by Sol-Gel-Hydrothermal Method for Gas Sensing Application.	<i>International Journal on Smart Sensing and Intelligent System</i> Vol. 5, No. 2, pp.382-400	D. D. Kajale , G. E. Patil, V. B. Gaikwad, S. D. Shinde, D. N. Chavan, N. K. Pawar, S. R. Shirsath and G. H. Jain	June 2012
3.	Effect of Surface Modification on SrTiO ₃ Thick films: Room Temperature H ₂ S Gas Sensor.	<i>Sensors & Transducers Journal</i> , Vol. 137, Issue 2, pp. 10-21	D. D. Kajale , V. B. Gaikwad, S. D. Shinde, D. N. Chavan, G. E. Patil, V. P. Patil and G. H. Jain	February 2012
4.	Gas Sensing Performance of pure and modified Barium Strontium Titanate Thick Film Resistors.	<i>Sensors and Transducers</i> , Vol. 90, Special Issue pp. 160-173.	G. H. Jain, V. B. Gaikwad, D. D. Kajale , R. M. Chaudhari, R. L. Patil, N. K. Pawar and L. A. Patil	April 2008
5.	Studies on Gas Sensing Performance of Pure and Nano Ag doped ZnO Thick Film resistors.	<i>Recent Advances In Sensing Technology</i> , LNEE Vol. 49, pp. 293-307.	V B Gaikwad, M K Deore, P K Khanna, D D Kajale , S D Shinde, D N Chavan, G H Jain	January 2009
6.	Electrical and Gas Sensing Performance of Copper Germannate.	<i>Recent Advances In Sensing Technology</i> , LNEE Vol. 49, pp. 283-291.	V B Gaikwad, A V Borade, Y R Baste, D D Kajale , G H Jain	January 2009
7.	Synthesis, characterization and gas sensing performance of SnO ₂ thin films prepared by	<i>Bulletin of Material Science</i> Vol. 34, No. 1, pp. 1-9	G. E. Patil, D. D. Kajale. , P. T. Ahire, D. N. Chavan., N. K. Pawar., S. D. Shinde., V. B. Gaikwad and G. H. Jain.	February 2011

	spray pyrolysis.			
8.	Studies on Gas Sensing Performance of Pure and Modified Indium Oxide Thick Film Resistors.	<i>Sensors & Transducers Journal</i> , Vol. 9, Special Issue, pp. 82-95	D. N. Chavan, V. B. Gaikwad, S. D. Shinde, D. D. Kajale , G. E. Patil, G. H. Jain	December 2010
9.	Effect of Annealing Temperature on Gas Sensing Performance of SnO ₂ Thin Films Prepared by Spray Pyrolysis.	<i>Sensors & Transducers Journal</i> , Vol. 9, Special Issue, pp. 96-408.	G. E. Patil, D. D. Kajale , S. D. Shinde, R. H. Bari, D. N. Chavan, V. B. Gaikwad, G. H. Jain.	December 2010
10.	Gas Sensing Characteristics of Pure and ZnO-Modified Fe ₂ O ₃ Thick Films.	<i>New Developments and Applications in Sensing Technology, Lecture Notes in Electrical Engineering</i> , Volume 83, pp. 123-135	N. K. Pawar, D. D. Kajale , G. E. Patil, S. D. Shinde, V. B. Gaikwad and G. H. Jain.	January 2011
11.	Studies on Gas Sensing Performance of Cr-doped Indium Oxide Thick Film Sensors.	<i>Sensors & Transducers Journal</i> , Vol. 125, Issue 2, pp. 142-155.	D. N. Chavan, G. E. Patil, D. D. Kajale , V. B. Gaikwad and G. H. Jain.	February 2011
12.	Cr ₂ O ₃ -doped BaTiO ₃ as an Ammonia Gas Sensor	<i>New Developments and Applications in Sensing Technology, Lecture Notes in Electrical Engineering</i> , Volume. 83, pp.157-167.	G.H. Jain, G. E. Patil, D. D. Kajale and V. B. Gaikwad.	2011
13.	Preparation and characterization of SnO ₂ nanoparticles by hydrothermal route.	<i>International Journal of Nanoscience</i> , Vol. 10, No. 4, pp. 1-5.	G. E. Patil, D. D. Kajale , V. B. Gaikwad and G. H. Jain.	2011

14.	CdO Doped Indium Oxide Thick Film as a Low Temperature H ₂ S Gas Sensor	<i>Sensors & Transducers Journal</i> , Vol. 129, Issue 6, pp. 122-134.	D. N. Chavan, V. B. Gaikwad, Ganesh E. Patil, D. D. Kajale , G. H. Jain	June 2011
15.	Spray pyrolyzed polycrystalline tin oxide thin film as hydrogen sensor	<i>Sensors & Transducers Journal</i> , Vol. 120, Issue 9, pp. 70-79.	Ganesh E. Patil, D.D. Kajale , D.N. Chavan, N.K. Pawar, V.B. Gaikwad, G.H. Jain	September 2010
16.	Preparation and Study the Electrical, Structural and Gas Sensing Properties of ZnO Thick Film Resistor	<i>Sensors & Transducers Journal</i> , Vol. 119, Issue 8, pp. 117-128.	M K Deore, V B Gaikwad, S D Shinde, N.K. Pawar, D.D. Kajale , G H Jain	August 2010
17.	Nano Ag-doped In ₂ O ₃ thick film: A low temperature H ₂ S gas sensor	<i>Journal of Sensors</i> . Vol. 2011, Article Id 824215, pp.1- 8.	D. N. Chavan, V. B. Gaikwad, D. D. Kajale , Ganesh E. Patil, G. H. Jain	October 2011
18.	Gas sensing performance of nanostructured ZnO thick film resistors.	<i>International Journal of Nanoparticles</i> . Vol. 5, No. 2, pp. 126-135.	S D Shinde, G E Patil, D D Kajale , V B Gaikwad and G H Jain	April 2012
19.	Preparation and characterization of SnO ₂ nanoparticles by hydrothermal route.	<i>International Nano Letters</i> . Vol.2 No. 17, pp. 1-5.	G E Patil, D. D. Kajale , S D Shinde, V. B. Gaikwad and G H Jain	July 2012
20.	A solute associate or dissociate in miscible solvents	<i>Asian Journal of Science and Technology</i> Vol. 09, Issue 09, pp.8661-8666	V. R. Jadhav, Y. R. Baste, D. D. Kajale	September 2018
21.	Studies on gas sensing performance of tin oxide thick film	<i>Journal of Emerging Technologies and Innovative Research</i> Vol. 06, Issue 05, pp. 520-523.	G. E. Patil, A. B. Gite, S. D. Shinde, D. Y. Patil, N. K. Pawar, D. D. Kajale	May - 2019

22.	Carbohydrate- Based Surfactants: Promises, Challenge and Future Prospective	<i>Trends In Carbohydrate Research</i> Vol. 13, No. 2, pp. 55-77	R. R. Kale, N. K. Jadhav, D. D. Kajale, S. Rajkhowa, B. B. Muntode, V. B. Gaikwad, J. Sarma,	2021
-----	---	---	--	------

ANNEXTURE- IV

Seminar Organized in College (Worked, as co-ordinator)

Title of Programme	Duration
A three-day National Level conferences , on Nano Materials Preparation and their applications sponsored by UGC and University of Pune at Arts, Commerce and Science College, Nandgaon. Dist. Nashik (Maharashtra)	February 20-22, 2010
University level workshop on Instrumental techniques in Analytical Chemistry sponsored by Savitribai Phule Pune University at Arts, Commerce and Science College, Nandgaon. Dist. Nashik (Maharashtra)	January -2007

ANNEXTURE- V

Academic achievements: Exposure in International and National conferences, seminars and workshops:

Sr. No.	Name of the activity and Mode of the presentation	Name of sponsoring University/Institute	Place	Date
1.	3rd International Conference on 'Sensing Technology, ICST-2008' Oral Presentation	National Cheng Kung University	Taiwan	Nov. 30, 2008 to Dec. 3, 2008
2.	1st International Conference on 'Physics of Materials and Materials Based Device Fabrication (ICPM-MDF-2012)' Poster Presentation	Shivaji University, Kolhapur.	Kolhapur (Maharashtra)	Jan. 17, 2012 to Jan.19, 2012
3.	International Conference on Advances in Functional Material [ICAFM-2018]	K.T.H.M. College, Gangapur Road, Nashik	Nashik (Maharashtra)	January 12-13, 2018.

4.	Two days National Symposium on ‘New Trends in Synthetic Organic Chemistry’.	K.T.H.M. College, Gangapur Road, Nashik.	Nashik (Maharashtra)	July 8, 2002 to July 9, 2002
5.	National Seminar on ‘Role of Nanotechnology in Polymer and in Chemical Industries’.	Department of Chemical technology, North Maharashtra University, Jalgaon (M.S.)	Jalgaon (Maharashtra)	March 15, 2008
6.	96 th Indian Science Congress Oral Presentation	Northern – East Hilly University, Shillong	Shilong. (Meghalaya)	Jan. 3, 2009 to Jan. 7, 2009
7.	Homi Centenary BRNS-GND University National Workshop on MOED Poster Presentation	Guru Nanak Dev University, Amritsar, Punjab	Amritsar (Punjab)	Sept. 22, 2009 to Sept. 25, 2009
8.	97th Indian Science Congress Poster Presentation	University of Kerala, Thiruvananthapuram,	Thiruvananthapuram, (Kerala)	Jan. 3, 2010 to Jan.7, 2010
9.	National Seminar on ‘Nano-Science’ Poster Presentation	G.M.D. Arts, B.W Commerce and Science College, Sinnar, Dist.-Nashik (M.S.)	Sinnar, Nashik (Maharashtra)	Jan. 21, 2010 to Jan. 23, 2010
10.	Three days’ Workshop on Micro-technique in Chemistry	Department of Chemistry, University of Pune, Pune.	Pune (Maharashtra)	March 14, 2002 to March 16, 2002
11.	One day workshop on Framing of S.Y. B.Sc. Chemistry Syllabus	K.T.H.M. College, Gangapur Road, Nashik.	Nashik (Maharashtra)	December 31, 2013.
12.	State level Two-day Workshop on Train the Trainers for Principals /Teachers	Board of College and University development, University of Pune, Pune	Pune (Maharashtra)	May 22-23, 2009
13.	National level workshop on ‘National Education Policy 2020: Challenges and Opportunities.’	S.P. Pune University and K.T.H.M. College, Gangapur Road, Nashik.	Nashik (Maharashtra)	February 27-28, 2023
14.	One day workshop on ‘Work Skills and Prosocial Behavioral Development of Senior and Professional college Teachers.’	HRDC, Maratha Vidya Prasarak Samaj, Nashik.	Nashik (Maharashtra)	March 11, 2023
15.	Faculty development Workshop for up-skilling and capacity building	MSFDA, Pune and IISRE Pune	KBT college of Engineering, Nashik. (M.S.)	July 24, 2023 to July 26, 2023
16.	Chemistry Beyond Borders - A Global Webinar series	ACT Mumbai	Department of Chemistry, SRM Institute of Science	Dec. 18, 2023 to Dec. 23, 2023

			and Technology, Chennai	
--	--	--	----------------------------	--

International Conference	National Symposium/Seminar	Workshop	Paper presented in International/ National Conference/Seminars
Attended : 03	Attended : 05 Organized : 02 [National-01] [Uni. Level-01]	Attended : 07 [02: National]	International: 02[1- Oral, 1-Poster] National : 04 [1- Oral, 3 - Poster]