

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)  
Pravara Rural Education Society's  
**ARTS, COMMERCE AND SCIENCE COLLEGE,**  
**SATRAL, TAL. RAHURI, DIST. AHMEDNAGAR - 413711,**  
**(MAHARASHTRA), INDIA**



## Curriculum Vitae

1.	<b>Name of the Teacher</b>	:	<b>Mrs.Karle Chhaya Sharadchandra</b>		
2.	<b>Designation</b>	:	Assist. Professor		
3.	<b>Educational Qualification:</b>	:	M.Sc, B.Ed, M.Phil.		
4.	<b>Department</b>	:	Chemistry		
5.	<b>Area of Specialization</b>	:	Organic Chemistry		
6.	<b>Date of Birth</b>	:	24/06/1972		
7.	<b>Gender</b>	:	Female		
8.	<b>Address for Correspondence</b>	:	Arts, Commerce & Science College Satral. Tal- Rahuri, Dist- Ahemadnagar		
9.	<b>Permanent Address</b>	:	A/P- Loni Kd, Parvati nagar, Near Kanya school Babhaleshwar road, Tal-Rahata, Dist- Ahemadnagar.		
10.	<b>Contact Number</b>	:	: 7020161177		
11.	<b>E-Mail ID</b>	:	Karlechhaya2012@gmail.com		
➤ <b>Educational details:</b>					
<b>Degree</b>	<b>University</b>	<b>Year of passing</b>	<b>Subject</b>	<b>Class /Grade Obtained</b>	
Ph.D.	Sardar Patel University, Balaghat, Dongariya(M.P).	App. Registration Aug,2020-2021	<b>Chemistry</b>	Ongoing	
M.Phil.	Madurai Kamraj	2009	<b>Chemistry</b>	First Class with Dist.	
M.Sc.	Savitribai phule pune university	1996	Organic Chemistry	First Class	

➤ **Professional Details:**

<b>Degree/ Course</b>	<b>University/Institution</b>	<b>Year of Passing</b>	<b>Subject</b>	<b>Class /Grade Obtained</b>
B.Ed.	Yashwantrao Chavan Maharashtra Open University, Nashik	2003	Science and Maths.	Grade O
MS-CIT	MSBTE Pune	MSBTE Pune	. Computer Course	First Class with Distinction

➤ **Professional Details:**

- 1. Date of First Appointment and Institute** : 3 Aug 1997  
Pravara Rural Education  
Societys,Arts,Science & Commerce  
College Rahata.
- 2. Date of Joining Present Institute** : 15/07/1999
- 3. Date of Confirmation** : 15/07/2001
- 4. Teaching Experience** : 27Yrs
- 5. Research Experience** : 06 Yrs

➤ **Faculty Development Programme**

**a) Orientation / Refresher / Short Term/ Any other FDP:**

<b>Sr. No</b>	<b>Programme</b>	<b>Duration</b>	<b>Date</b>	<b>Organizing Agency</b>
	<b>Orientation Programm.</b>	<b>(4 Weeks) 28 Days</b>	01-05-2014 to 28-05-2014.	UGC-Academic Staff College, Devi Ahilya Vishwa Vidyalaya, Indore (M.P.)
	<b>Refresher Course</b>			
1	2nd online Refresher Course in Chemistry 12 working days and 72 hours A Grade	<b>(2 week) 12 working days and 72 hours</b>	16/08/2021 to 29/08/2021	UGC-HRDC Gujarat University, Ahmedabad
2	AICTE-ISTE Approved Refresher Programme on Innovative Teaching Learning Methods	<b>1Week (6 days)</b>	7/12/2020 to 12/12/2020	<b>AICTE-ISTE</b> Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering & Technology, Baramati
3	Refresher Course In Chemistry for Higher Education Faculty	<b>(16 Weeks) 4 credit</b>	1Sep- 31 Dec 2019	<b>MHRD</b> NPTEL (Exam 2 feb 2020) 31/06/2020 certificate issue date
4	Refresher Course in Organic Chemistry.	UGC <b>(27 days)</b>	13-03-2000 to 08-04-2000.	UGC-Academic Staff College, University of Pune, Pune-7
	<b>Short Term 2019-20</b>			
1	Analytical Chemistry	<b>(12 week) 3 credit</b>	July–Oct 2019	<b>MHRD</b> NPTEL (Exam 17 Nov 2019)
2	Introduction of Organic Chemistry	<b>(8 week) 2 credit</b>	July-Sept 2019	<b>MHRD</b> NPTEL (Exam 17 Nov 2019)
	<b>FDP</b>			
1	Development of MOOCs , e –content and Teachers e - kit in four quadrant format .	<b>1Week</b>	08/12/2022 to 14/12/2022	<b>MHRD</b> Guru Angad Dev Teaching Learning Center, University of Delhi

2	National Level FDP on Research Article & Research Proposal Funding Writing	Two Days	24/11/2022 to 25/11/2022	IOT Accademy Koimbtor, Tamilnadu.
3	Faculty Development Programme on Building Academic Leaders for 21st Century Higher Education	<b>1Week</b>	14/04/2022 to 20/04/2022	<b>MHRD</b> Guru Angad Dev Teaching Learning Center, University of Delhi
4	Workshop on Undergraduate Syllabi of Chemistry: CBCS-2019 Pattern	<b>1Week (5 days)</b>	29/07/2021 to 3/08/2021	Department of Chemistry Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar, Tal: Ambegaon
5	Life Skill Management 2020-21	<b>1Week (5 days)</b>	5/07/2021 to 9/07/2021	Sir Visvesvaraya Institute of Technology, Nashik
6	AICTE-sponsored one week short term program(STTP) creating the smart and green society through advance technology of green energy	<b>1Week (6 days)</b>	17/12/2020 to 22/12/2020	<b>AICT</b> Department of Mechanical Engineering , Malnad College of Engineering, Hassan
7	Development of Teachers e –Kit and MOOCs in four quadrant format of e-content	<b>1Week (6 days)</b>	12/09/2020 to 20/09/2020	<b>MHRD</b> Guru Angad Dev Teaching Learning Center, University of Delhi
8	Faculty Development Programme on Pedagogical Training for Teachers on Tools for online Teaching learning & Evaluation	<b>1Week (6 days)</b>	1/07/2020 To 6/07/2020	Swami Ramanand Teerath Marathwada University, Nanded
9	Faculty Development Programme on Introduction to Coordination Chemistry(Online)	<b>1Week (7 days)</b>	15/05/2020 to 21/05/2020	Department of Chemistry Shri Vayanktesh Art's, Commerce and Science College Deulgaon Raja, Dist: Buldhana
10	Faculty Development Programme on La Tex (Online)	<b>1Week (6 days)</b>	29/04/2020 to 4/05/2020	Department of Instrumentation and Control Engineering in Association with Spoken Tutorial IIT Bombay.
11	Faculty Development Programme	<b>(10 Days)</b>	10/11/2009 to 19/11/2009	MCED Ahmadnagar

**b) Organized Seminar / Conference / Workshop**

<b>Sr. No</b>	<b>Role</b>	<b>Title</b>	<b>Funding Agency</b>	<b>Level</b>	<b>Organized By</b>	<b>Date &amp; Duration</b>
1	Chairman	“Science Exhibition”	Arts, Commerce and Science College Satral	College Level	Science Assosiation Arts, Commerce and Science College Satral	28 <sup>th</sup> Feb 2012
2	Organizing Secretary	Seminar “Recent Trends In Analytical Chemistry”	BCUD University of Pune	National	Department of Chemistry Arts, Commerce and Science College Satral	28th to 30th January 2012.
3	Co-ordinater	Seminar Recent Development of analysis,Developing for Pharmaceutical Drug”	BCUD University of Pune	State	Department of Chemistry Arts, Commerce and Science College Satral	31st Dec. 2010 and 1st January 2011
4	Co-ordinater	“Scope of Analytical Techniques for The Validation of Pharmaceutic al Products”	BCUD University of Pune	State	Department of Chemistry Arts, Commerce and Science College Satral	26th Feb 2011.
5	Co-ordinater	Seminar “Bioinorganic and Organometallic Chemistry”	BCUD University of Pune	District	Department of Chemistry Arts, Commerce and Science College Satral	13 <sup>th</sup> Feb 2008’

### Summary of Seminar/ Conference/workshop

Sr. No	Particular	Level			Total	Total
		State	National	Inter National		
1.	<b>Seminar</b> 1999-2018	18	08	--	26	42
	2018-19 to 2023-24	02	10	04	16	
2.	<b>Conference</b> 1999-2018	02	02	--	04	13
	2018-19 to 2023-24	--	02	07	09	
3.	<b>Workshop</b> 1999-2018	09	01	--	10	23
	2018-19 to 2023-24	07	05	01	13	

➤ **Summary of Publications:**

➤ Research Paper Published - 17

➤ Article Published - 01

➤ **Research papers Published in the Journals**

Sr. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
1	“GC-MS Study of Pinda Concanensis Tuber Bioactive Phytochemical Components in Methanolic Extract” Page-123-146	Bharati K.T* <sub>1</sub> ; Karle C. S <sub>2</sub> , Jagadale V.G. <sub>1</sub> And Tambe S.R. <sub>1</sub>	Chem	Quaderns Journal Volume 11, Issue 10, October 2023 Paper ID : QJ-3768	2023-24	ISSN NO: 1138-5790 Journal Impact Factor – 5.7
2	“Schiff base of 1, 2, 4-Triazole-4-amine & P-fluorobenzaldehyde and their biological Activity” Page-114-122	Bharati K.T* <sub>1</sub> ; Karle C. S. <sub>2</sub>	Chem	Quaderns Journal Volume 11, Issue 10, October 2023 Paper ID : QJ-3767	2023-24	ISSN NO: 1138-5790 Journal Impact Factor – 5.7
3	“Schiff base of 1, 2, 4-Triazole-4-amine & 4-Chlorobenzaldehyde and their Biological activity”	Bharati K.T <sub>1</sub> ; Karle C. S. <sub>2</sub> *	Chem	Quaderns Journal Volume 11, Issue 9 September 2023 Paper ID : QJ-3766	2023-24	ISSN NO: 1138-5790 Journal Impact Factor – 5.7
4	M. Elengifruit Extract Assisted Green Synthesis of	Chhaya Vijay Wagh, Dr.		International Journal of Science,	2023-24	ISSN: 2327-7971 (Print) ISSN: 2327-

	Gold NPs and its Photocatalytic, Antimicrobial, and Anti-Oxidant Activity Page 480-491	Praveen Kumar	Chem	Mathematics and Technology Learning		915X (Online) Volume 31 No. 2,
5	Green Synthesis of Titanium Dioxide Nanoparticles	Chhaya Vijay Wagh,		International Journal of	2023-24	ISSN: 2324-7649 (Print) ISSN: 2324-
6	A Case Study Of Ground Water & its Physico-Chemical Parameters In Pathre Area. Page 129-131	Karle C.S	Chem	Bulletin of Environment, Pharmacology and Life Sciences (A Monthly peer reviewed International Journal of Life Sciences)	2021-22	E-ISSN 2277-1808 Volume 11 (1), Dec. 2021
7	Green Chemistry In Day to Day Life Is Need of 21 Century Page 131-137	Karle C.S	Chem	International Journal of Advance and Innovative Research	2021-22	ISSN: 2394 – 7780 Volume 8, Issue 3 (XIII)
8	The Study of Physico Chemical Parameter of Ground Water In Satral Panchroshi page 157-162	Karle C.S	Chem	Scholars Impact An International Multidisciplinary Multilingual peer reviewed/ Research journal	2020-21	ISSN 2394 – 7632 EISSN 2394-7640 Special Issue
9	Effect of Biofertilizer Growth of Trigonella Foenum-graecum Page 195-198	<sup>1</sup> Karle B. A.*, <sup>2</sup> Karle C. S. and <sup>1</sup> Kareppa S.S.	Chem	International Journal of Research in Biosciences, Agriculture and Technology	2020-21	e-ISSN 2347 – 517X
10	Comparative Study of Caffeine Content of Various Tea Brands. Page 416-419	Dare S B <sup>1</sup> , Mhaske S D <sup>3</sup> , Karle C S <sup>4</sup> , Deshmukh P C <sup>1</sup> , Moharekar S S <sup>2</sup> * & Takate S J <sup>1</sup> *	Chem	International Journal of Research and Analytical Reviews (IJRAR) www.ijrar.org	2020-21	(E-ISSN 2348-1269, P-ISSN 2349-5138) 5.75
11	Ecofriendly Synthesis of Biologically Active Benzodiazepines	Karle C.S	Chem	Wutan Huatan Jisuan Jishu Online UGC Approved	18 May 2020	ISSN-1001-1749 5.5 Citation 9

	Page 319-324			Publisher- Gai-kan from Japan		
12	Physico-Chemical Analysis of Well Water of Rahuri Tahsil, Maharashtra. Page 161 -164	Karle C.S	Chem	International Multidisciplinary E- Research Journal	Feb 2020	ISSN-2348-7143
13	Food Preservatives and Its Effect on Human Health Page-203-208	Karle C.S	Chem	EDU World Multidisciplinary International peer reviewed/ Referred journal	April 2018	ISSN-2319-7129
14	"Study of Physico-chemical Parameters of Ground Water in Irrigated and Non Irrigated Single Crop Cultivation Area In Rahuri Tahsil. Page – 131 -138	Karle C.S	Chem	EDU World Multidisciplinary International peer reviewed/ Referred journal	Dec. 2017	ISSN-2319- 7129
15	"Study of Some Soil Parameters in Rural Irrigated Single Crop Farming Area” Page – 281 -290	Karle C.S	Chem	EDU World Multidisciplinary International peer reviewed/ Referred journal	Dec. 2017	ISSN-2319- 7129
16	Corrosion Study Of Ferrous Metal And Non Ferrous Metal In Ground Water From Pravara Area. Vol-5,Page107-109.	Karle C.S	Chem	Environmental Science	2010	ISSN-0974-7451
17	Physico-chemical characterization of Ground water from Pravara Area Vol-2,Page 234-242.	Karle C.S	Chem	Rasayan Journal of chemistry	2009	ISSN-0974-1496



**Papers published in national/ international conference proceedings (2018-19 to 2023-24)**

Sl. No	Name of the Author/s	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Mrs. Karle C.S	Overview on :National Education Policy 2020 Page: 71-73	National Education Policy 2020: Industry Institute Linkage	National Education Policy 2020: Industry Institute Linkage	National Workshop	2022-23	ISBN: 978-93-95369-27-5	SPPU, Pune	Advent Publishing Mumbai 421503 (MS) INDIA
2	Mrs. Karle C.S	Natural Polymer Capped Copper Oxide Nanoparticle Synthesis and Characterization	“Advance Materials in Research and Industries”	“Advance Materials in Research and Industries ”	National Conference	2021-22	---	BAMU, Aurangabad	Government College of Arts and Science, Aurangabad
3	Mrs. Karle C.S	Stay Safe With Chem.Hazards	Chemical Disasters On BIOTA	Chemical Disasters On BIOTA	International virtual conference	2020-21	--	Andhra University	Andhra University, Vishakhapatnam & Andhrapradesh Akademi of sciences.

**C) Research Project:**

Sr. No.	Title of Project	Major/Minor	Funding Agency	Duration	Amount	Status
1.	Preparation of Biologically active compounds using different catalyst and methodology	Minor Project	BCUD Pune University Pune	2 year	1,00,000	Completed (2008)

➤ **Research Work:**

a) **Ph.D.:**

Specialization	Topic	Name of the University	Status
Chemistry	<b>Study Of Green Synthesis Titanium And Gold Nanomaterials And Its Biological Activities.</b>	Sardar Patel University, Balaghat, M.P.	On going

b) **M.Phil :**

Specialization	Topic	Name of the University	Status
<b>Chemistry</b>	Study of Physicochemical parameter of ground water in pravara vicinity.	Madurai Kamraj University, Madurai	Completed May 2009

c) **Resource Person / Chair Person/ Chief Guest / Guest Lectures:**

Sr. No	Worked as	Program	Name of the Institute	Date
1.	<b>Subject Expert</b>	Syllabus framing for certificate course “ soil & water Analysis”	Arts, Science & Commerce College, Rahata, Dist: Ahmednagar	26/03/2022
2.	<b>Guest Lecture</b>	Sxtual Harrasment of Women At Work Place(Prevention, Protection & Redressal)	Arts, Science & Commerce College, Rahata, Dist: Ahmednagar	9/07/2021
3.	<b>Guest Lecture</b>	Induction Programme for First Year Students	Sir Visvesvaraya Institute of Technology, Chincholi,Nashik	20-21

➤ **Contributions to academic and other fields.**

Sr. No.	Name of the teacher	Design and Development of Curriculum for Add on/ certificate/ Diploma Courses	Duration
1	Mrs.. C. S. Karle	Two days Teacher Training Program on Designing Interactive Vartual Chemistry Practical Using Power Point	7/05/2021 To 8/05/2021
2	Mrs.. C. S. Karle	M.Sc II Chemistry (Inorganic and Biochemistry) Syllabus Restucture (CBCS-2020)	4/12/2020
3	Mrs.. C. S. Karle	M.Sc II Chemistry (Analytical, Organic and Drug)Syllabus (CBCS-2020)	27/11/2020
4	Mrs.. C. S. Karle	S.Y.B.Sc Chemistry Syllabus (CBCS-2020)	26/08/2020

➤ **Contribution to the examination work:**

<b>Sr. No.</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Duration</b>
1.	Examiner (CAP S.Y.B.Sc)	Assessment of Theory Papers	04/01/2024 to 08/01/2024
2.	Theory Examination B.A/B.Com/B.Sc/M.Com/M.Sc	Internal Senior Supervisor	01/12/2023 to 15/12/2023
3.	S.Y.B.Sc Theory Examination	Examiner and Moderator	12/06/2023
4.	T.Y.B.Sc. Practical Examination	Internal Examiner	11/05/2023 to 13/05/2023
5.	S.Y.B.Sc. Practical Examination	Internal Examiner	26/12/2022 to 27/12/2022
6.	B.Ed Theory Examination, Gaytri College, Deolali	External Senior Supervisor	06/09/2022 to 16/09/2022
7.	S.Y.B.Sc Theory Examination CH-402/CH-302	Moderator	03/08/2022
8.	B.E.E Theory Examination, Eng.College, Rahuri	External Senior Supervisor	09/07/2022 to 30/07/2022
9.	M.Sc I Chemistry Practical Examination	Internal Examiner	24/11/2019 to 26/11/2019 (ACS College, Satral)
10.	S.Y.B.Sc Chemistry Practical Examination	External Examiner	14/03/2019 to 19/03/2023
11.	Chemistry Practical Examination M.Sc- I Drug Chemistry.	External Examiner	15/04/2018 to 18/04/2018 (P.V.P.College)
12.	S.Y.B.Sc Chemistry Practical Examination	External Examiner	9/03/2018 to 16/03/2018 (ASC College,Rahata)
13.	Theory Examination	Internal Squad	Octo/Nov & March/April Theory Examination, ACSC, Satral
14.	Theory Examination	Junior Supervisor	Octo/Nov & March/April Theory Examination (ACS College, Satral.)

➤ **Involvement in other activities of Institute:**

**Training and Placement Officer -**

- Arranging soft skill training programs.
- Arranging training programs like industrial safety, orientation, and communication skills.
- Arranging mock interview programs.
- Arranging campus drives.
- Arranging industrial visits.
- Arranging expert talks on career opportunities.
- Arranging top-placed alumni talks.
- Making MoU<sup>s</sup> with various institutes and takes activities related to training and placements.
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➤ **Membership of academic and other bodies.: Nil**

➤ **Achievements if any:**

- State level **Best Teacher Award** by Lokrang Bhuuddeshiy Pratisthan' Songaon, Tal: Rahuri

03 Jan2023 .

- State level **Savitrichi lek Purskar** by Lokrang Bhuuddeshiy Pratisthan' Songaon, Tal: Rahuri

03 Jan2023.

➤ **Appriciation Certificates:**

- Rubicon, Pune for arranging Soft Skill Training Program Under Training and Placement Cell.

March 2024.

- Global Talent Track, P u n e for arranging Soft Skill Training Program Under Training and Placement Cell 05 October 2023.

- Rubicon, Pune for arranging Soft Skill Training Program Under Training and Placement Cell.

March 2023.

- Shodh Advantech Ch. Sambhajinagar for students industrial training 03 August 2023.

- Shodh Advantech Ch. Sambhajinagar 15 February 2023

- Rubicon , Pune for arranging Soft Skill Training Program Under Training and Placement Cell.

December 2022.

➤ **Any other Relevant Information:**

In PARVARA SCIENCE FIESTA-2022 organized by P.V.P.College, Pravaranagar

Six students of M.Sc –II Chemistry are participated and won **Second prize for Project on**  
**“Alert, Cold beverages playing with your health”**

**Place : Satral**  
**Date: 20/03/2024**

**Name and Signature**  
**Sau. Karle C.S**