

## FACULTY PROFILE



<b>1.</b>	<b>Name</b>	:	<b>Mrs. Shilpa Yogesh Salunkhe</b>																																				
<b>2.</b>	<b>Educational Qualifications</b>	:	M. Sc. M. Phil. (Chem.), Ph. D. (Thesis Submitted)																																				
<b>3.</b>	<b>Designation</b>	:	Assistant Professor.																																				
<b>4.</b>	<b>Address for Communication</b>	;	Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.																																				
<b>5.</b>	<b>E-mail Id</b>	:	shilpasalunkhe177@gmail.com																																				
<b>6.</b>	<b>Mobile No.</b>	:	9923282762																																				
<b>7.</b>	<b>Experience</b>	:	3 years and 9 months.																																				
	a)	Teaching - UG	:	2 years.																																			
		PG	:	1 year and 9 months.																																			
	b)	Research-	:	7 years and 9 months.																																			
<b>8.</b>	<b>Details of Qualifications</b>	:																																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr.</th> <th style="width: 15%;">Exam.</th> <th style="width: 25%;">Board / University</th> <th style="width: 15%;">Year</th> <th style="width: 40%;">Specialisation</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Ph. D.</td> <td style="text-align: center;">Shivaji University, Kolhapur</td> <td style="text-align: center;">2021 (Thesis Submitted)</td> <td style="text-align: center;">Chemistry</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">M. Phil.</td> <td style="text-align: center;">Shivaji University, Kolhapur</td> <td style="text-align: center;">2018</td> <td style="text-align: center;">Chemistry</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">M. Sc.</td> <td style="text-align: center;">Shivaji University, Kolhapur</td> <td style="text-align: center;">2013</td> <td style="text-align: center;">Organic Chemistry</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">B. Sc.</td> <td style="text-align: center;">Shivaji University, Kolhapur</td> <td style="text-align: center;">2009</td> <td style="text-align: center;">Chemistry</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">H. S. C.</td> <td style="text-align: center;">Maharashtra Board</td> <td style="text-align: center;">2006</td> <td style="text-align: center;">B group</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">S. S. C.</td> <td style="text-align: center;">Maharashtra Board</td> <td style="text-align: center;">2004</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>				Sr.	Exam.	Board / University	Year	Specialisation	1	Ph. D.	Shivaji University, Kolhapur	2021 (Thesis Submitted)	Chemistry	2	M. Phil.	Shivaji University, Kolhapur	2018	Chemistry	3	M. Sc.	Shivaji University, Kolhapur	2013	Organic Chemistry	4	B. Sc.	Shivaji University, Kolhapur	2009	Chemistry	5	H. S. C.	Maharashtra Board	2006	B group	6	S. S. C.	Maharashtra Board	2004	-
Sr.	Exam.	Board / University	Year	Specialisation																																			
1	Ph. D.	Shivaji University, Kolhapur	2021 (Thesis Submitted)	Chemistry																																			
2	M. Phil.	Shivaji University, Kolhapur	2018	Chemistry																																			
3	M. Sc.	Shivaji University, Kolhapur	2013	Organic Chemistry																																			
4	B. Sc.	Shivaji University, Kolhapur	2009	Chemistry																																			
5	H. S. C.	Maharashtra Board	2006	B group																																			
6	S. S. C.	Maharashtra Board	2004	-																																			
<b>9.</b>	<b>CAREER PROFILE</b>	:																																					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr.</th> <th style="width: 45%;">College</th> <th style="width: 30%;">Duration</th> <th style="width: 20%;">Experience</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>A]</b></td> <td colspan="3" style="text-align: center;"><u>Post Graduate Level:</u></td> </tr> <tr> <td style="text-align: center;">i.</td> <td>Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.</td> <td style="text-align: center;">From 1 Jan. 2021 to till date</td> <td style="text-align: center;">3 Months</td> </tr> </tbody> </table>				Sr.	College	Duration	Experience	<b>A]</b>	<u>Post Graduate Level:</u>			i.	Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.	From 1 Jan. 2021 to till date	3 Months																							
Sr.	College	Duration	Experience																																				
<b>A]</b>	<u>Post Graduate Level:</u>																																						
i.	Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.	From 1 Jan. 2021 to till date	3 Months																																				

Total Teaching Experience (PG): 3 Months

10. a) Research Papers Published

Sr.	Title of the Paper	Journal, ISSN& IF	Vol. No., Year, Page No.	Author/ Co-author
1	SOLVATOCHROMIC FLUORESCENCE BEHAVIOR OF 2-AMINO-3-CYANO-5-BROMOSPIRO (5H-INDENO [1,2-b] PYRAN-4,3'-INDOLINE)-2'5,-DIONE IN VARIOUS SOLVENTS AND IT'S INTERACTION WITH BOVINE SERUM ALBUMIN	THE RESEARCH VIEW: A MULTIDISCIPLINARY JOURNAL PART A: SCIENCE AND TECHNOLOGY ISSN:- 2321-9777	2021 Proceeding	<b>Shilpa Y. Salunkhe</b> , Dhanaji G. Kanase, Govind B. Kolekar*.
2	Stereospecific Synthesis of (4E,10Z)-4,10-Tetradecadienyl Acetate, the Major Sex Pheromone of Apple Leaf Miner Moth, <i>Phyllonorycter ringoniella</i>	Letters in Organic Chemistry ISSN: 1570-1786  IF – 0.73	18, 2021, 1-7.	Ramchandra Awalekar, Kishor Jagadhane, <b>Shilpa Salunkhe</b> , Shankar Hangirgekar, Govind Kolekar, Prashant Anbhule.
3	Stereoselective Synthesis of (4E,6Z)-Hexadecadien-1-ol,(4E,6Z)-Hexadecadienyl Acetate and (4E,6Z)-Hexadecadienal, the Pheromone Components of the Persimmon Fruit Moth, <i>Stathmopoda masinissa</i>	Chemical Science Review Letters ISSN: 2278-6783 NAAS rating 2021- 4.75	9(35), 2020, 746-772.	Ramchandra Awalekar, Priyanka Mohire, Ajinkya Patravale, <b>Shilpa Salunkhe</b> , Dattatray Jamale, Shankar Hangirgekar, Govind Kolekar, Prashant Anbhule.
4	Synthesis of phthalazine derivative based organic nanoflakes in aqueous solvent as a potential nano-anticancer agent: A new approach in medical field	Journal of Molecular Structure ISSN: 0022-2860 IF – 2.463	1201, (2020), 127156.	Saubai B. Wakshe, <b>Shilpa R. Patil</b> , Audumbar D. Patil, Prafulla B. Choudhari, Sandeep B. Patil, Prashant V. Anbhule, Daewon Sohn, Govind B. Kolekar.
5	An investigation of	Macromolecular	387, 2019,	Sunanda. T.

	fluorescence resonance energy transfer between Tryptophan and Quinine sulphate	Symposia ISSN: 1521-3900 IF – 0.68	1800204.	Mahanwar, <b>Shilpa. R. Patil</b> , Vaibhav. M. Naik, Saubai. B. Wakshe, Prashant. V. Anbhule, Govind. B. Kolekar
6	Exploration of fluorescence quenching mechanism in Tryptophan induced by Norfloxacin: Analytical applications	Macromolecular Symposia ISSN: 1521-3900 IF – 0.68	387, 2019, 1800208.	Sunanda. T. Mahanwar, <b>Shilpa. R. Patil</b> , Vaibhav. M. Naik, Ravi D. Waghmare, Prashant. V. Anbhule, Govind. B. Kolekar.
7	Fluorescence Spectroscopic Studies on the Interaction between 2,5-Diphenyl Oxazole and Triton X-100 Micelle	Macromolecular Symposia ISSN: 1521-3900 IF – 0.68	387, 2019, 1800207.	<b>Shilpa. R. Patil</b> , Sonali M. Salunkhe, Sunanda T. Mahanwar, Vaibhav. M. Naik, Prashant. V. Anbhule, Govind. B. Kolekar.
8	Study of Interaction between Human Hemoglobin and Antitubercular Isoniazid Drug with its Detection	Macromolecular Symposia ISSN: 1521-3900 IF – 0.68	387, 2019, 1800203.	<b>Shilpa. R. Patil</b> , Sunanda. T. Mahanwar, Datta. B. Gunjal, Saubai. B. Wakshe, Prashant. V. Anbhule, Govind. B. Kolekar.
9	Spectral elucidation with molecular docking study between isatin analogous and bovine serum albumin.	Chemical Data Collections ISSN: 2405-8300 Cite score – 1.2	22, (2019), 100254.	<b>Shilpa R. Patil</b> , Sonali M. Salunkhe, Saubai B. Wakshe, Kshipra S. Karnik, Aniket P. Sarkate, Ajinkya A. Patravale, Prashant V. Anbhule, Govind B. Kolekar.

10	Spectroscopic insights on the interaction between 4-(3,4 dimethoxyphenyl)-6-hydroxy-2-methylpyrimidine-5-carbonitrile and tryptophan.	Current Pharma Research ISSN: 2230-7842 IF – 1.089	9(3), 2019, 2935-2946; doi: 11.258369/jcpr-347.	<b>Shilpa. R. Patil</b> , Santosh S. Undre, Sonali M. Salunkhe, Prashant V. Anbhule, Govind B. Kolekar.
11	Spectroscopic Investigation on the Interaction between a Novel 2-Amino-3-Cyano-5-Chlorospiro (5H-Indeno [1,2-b] Pyran-4,3'-Indoline)-2'5,-Dione with a Model Transporter Protein Bovine Serum Albumin.	International Journal of Chemical and Physical Sciences, Special Issue ISSN:2319-6602 IF – In process.	Vol. 7, (2018), 55-70.	<b>S. R. Patil</b> , S. T. Mahanwar, P. V. Anbhule, G. B. Kolekar.
12	Fluorescence Spectroscopic Insights on the Interaction between Mesalamine and Tyrosine.	International Journal of Chemical and Physical Sciences, Special Issue ISSN:2319-6602. IF – In process	Vol. 7, (2018), 110-118.	S. T. Mahanwar, <b>S. R. Patil</b> , D. B. Gunjal, P. V. Anbhule, G. B. Kolekar.
13	Photophysical Studies on a Novel 2-Amino-3-cyano-5-chlorospiro (5H-indeno[1,2-b] pyran-4,3'-indoline)-2'5,-dione in Various Solvents and with Bovine Serum Albumin	Journal of Shivaji University, Science and Technology. (Accepted)	2017	<b>Shilpa R. Patil</b> , Samadhan P. Pawar, Prashant V. Anbhule, Shivajirao R. Patil, Govind B. Kolekar*.

**11. a) Research Papers Presented**

Sr.	Title of the Paper	Name of the Conference	Date
1	SOLVATOCHROMIC FLUORESCENCE BEHAVIOR OF 2-AMINO-3-CYANO-5-BROMOSPIRO (5H-INDENO [1,2-b] PYRAN-4,3'-INDOLINE)-2'5,-DIONE IN VARIOUS SOLVENTS AND IT'S INTERACTION WITH BOVINE SERUM ALBUMIN	“Recent Trends in Pure and Applied Sciences (RTPAS-2021)” organized by Dr. Patangrao Kadam Mahavidyalaya, Sangli.	13 March 2021.
2	Interaction of tryptophan with tartrazine.. a spectrofluorimetric and thermodynamic study	“International Conference on Chemistry, Environment and Energy (ICCEE-2019)”,	16-18 February 2019.

			organized by Department of Chemistry, Yashavantrao Chavan Institute of Science, Satara,	
3	Spectral elucidation with molecular docking study between isatin analogous and bovine serum albumin.		National Conference, "Recent Trends in Chemistry and Materials Science (RTCMS-2019)" organized by Department of Chemistry, Shivaji University, Kolhapur,	9 February 2019.
4	Spectroscopic insights on the interaction between 4-(3,4-dimethoxyphenyl)-6-hydroxy-2-methyl pyrimidine -5-carbonitrile and tryptophan		"National Conference on Applications of Nanomaterials in Chemical and Physical Sciences (ANCPS-2019)" organized by Department of Chemistry, Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar,	1-2 February 2019.
5	Study of Interaction between Human Hemoglobin and Antitubercular Isoniazid Drug with its Detection		"Third International Conference on Advances in Materials Science (ICAMS - 2018)" organized by Post - Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath,	27 - 29 December 2018.
6	Fluorescence Spectroscopic Studies on the Interaction between 2,5-Diphenyl Oxazole and Triton X-100 Micelle		"Third International Conference on Advances in Materials Science (ICAMS - 2018)" organized by Post - Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath,	27 - 29 December 2018.
7	An investigation of fluorescence resonance energy transfer between Tryptophan and Quinine sulphate		"Third International Conference on Advances in Materials Science (ICAMS - 2018)" organized by Post - Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath,	27 - 29 December 2018.
8	Exploration of fluorescence quenching mechanism in Tryptophan induced by Norfloxacin: Analytical applications		"Third International Conference on Advances in Materials Science (ICAMS - 2018)" organized by Post - Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath,	27 - 29 December 2018.
9	Spectroscopic Investigation on the Interaction between a Novel 2-Amino-3-Cyano-5-Chlorospiro (5H-Indeno [1,2-b] Pyran-4,3'-Indoline)-2'5,-Dione with a Model Transporter Protein Bovine Serum Albumin.		National level conference "Recent Innovation in Chemical and Environmental Sciences" (RICES-2018) organized by Department of Chemistry, Annasaheb Awate Arts,	30-31 January 2018.

			Commerce and Hutatma Babu Genu Science College, Manchar, Pune,	
10	Fluorescence Spectroscopic Insights on the Interaction between Mesalamine and Tyrosine.		National level conference "Recent Innovation in Chemical and Environmental Sciences" (RICES-2018) organized by Department of Chemistry, Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar, Pune,	30-31 January 2018.
11	Photophysical Studies on a Novel 2-Amino-3-cyano-5-chlorospiro (5H-indeno[1,2-b] pyran-4,3'-indoline)-2',5,-dione in Various Solvents and with Bovine Serum Albumin		"National Conference On Innovative Research In Chemical Sciences" organized by Department of Chemistry, Shivaji University, Kolhapur.	1-2 February 2017.
12	Interaction between Human Hemoglobin and Theophylline		"National Symposium on Current Trends in Chemical and Nano Sciences (CTCNS-2014)" organized by Department of Chemistry, Shivaji University, Kolhapur.	17-18 Jan. 2014.
13	Attended Conference		International Conference on "Innovative Thinking in Science and Technology" organized by Yashwantrao Mohite College of Arts, Science and Commerce, Pune.	23 February 2021.

**12. WEBINARS ATTENDED**

:

**a) National Webinars Attended**

:

Sr.	Theme of the Webinar	Organiser	Date(s)
1	Online Lecture Series Program UGC Stride Component-I	Department of Chemistry, Shivaji University, Kolhapur.	27 Jan. to 1 Feb. 2021.

**13. AWARDS AND HONOURS**

:

Sr.	Title of the Award	Instituted by	Date
1	Second prize winner for poster presentation in "National Conference On Innovative Research In Chemical Sciences"	Department of Chemistry, Shivaji University, Kolhapur.	1-2 February, 2017.

<b>14.</b>	<b>OTHER ACTIVITIES (if any)</b>	:	
<b>Sr.</b>	<b>Name of Value Added Course</b>	<b>Organiser</b>	<b>Date</b>
1	Hands on Training of Instrumental Methods For Chemical Analysis	Department of Chemistry, Shivaji University, Kolhapur.	23-29 December, 2019.