

FACULTY PROFILE

1.	Name	Dr. (Mrs.) Dhanshri Vishal Patil
2.	Department	Chemistry
3.	Qualification	M.Sc., Ph. D.
4.	Title of Thesis	“Preparation and characterization of new probes for fluorescence quenching studies and analytical applications”
5.	Designation	Assistant Professor (CHB)
6.	Specialization	Physical Chemistry
7.	Mobile No	9049919898
8.	Date of Birth	22 nd November 1986
9.	Email	dtp.phy@gmail.com
10.	Teaching Experience	10 Years
11.	Research Experience	04 years
12.	Membership in University	-
13.	Membership in College	-
14.	Membership of professional bodies	-
15.	Awards received	<ol style="list-style-type: none"> 1. Awarded UGC Research fellowship in sciences for meritorious Students” (2010-2012). 2. Awarded “Eklavya Scholarship for Meritorious Students” (2007-2009) for meritorious performance at the BSc III examination held in 2007. 3. Won first prize in university level science exhibition organized by, Shri Vijaysingh Yadav College of Arts & Science, Peth Vadgaon held on 26th – 27th Feb 2006. 4. Awarded “Shivaji University Merit Scholarship for Meritorious Students from economical weaker class” for meritorious performance at the XII (Science) examination held in April 2004.
16.	Refresher/Orientation Courses	-
17.	Seminars/colloquium/workshop/conferences- Attended/Participated	<p><u>Seminars:</u></p> <ol style="list-style-type: none"> 1. Participated in one day state level seminar on “Book Review” organized by

		<p>Library and Incubation Center, Krishna Mahavidyalaya, Rethare Bk. on 9th November 2022.</p> <p>2. Participated in NAAC Sponsored national seminar on “Quality Improvement in Technical Education Through outcome-based education” organized by IQAC of BRCM College of Engineering and Technology, Bahal, Haryana on 4th and 5th November 2022.</p> <p>3. Participated in one day National E-Seminar on “Recent Advances in Chemical Sciences” Organized by Department of Chemistry and IQAC, Krishna Mahavidyalaya Rethare Bk. On 29th August 2020.</p> <p>4. Attended National Seminar on “Recent Advances in Synthetic Chemistry and Nanomaterials” held on 21st and 22nd January 2012 organized by Department of Chemistry, Shivaji University, Kolhapur.</p> <p>5. Presented paper (Poster) at National Seminar on “Advances in Synthetic Methodologies and New Materials” held on 21st and 22nd January, 2011 organized by Department of Chemistry, Shivaji University, Kolhapur.</p> <p>6. Attended State level Seminar on “Recent Advances in Analytical Chemistry” held on 8th and 9th October, 2010 organized by Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.</p>
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		<p>under RGSTC scheme” held on 6th May 2017 organized by Shivaji University, Kolapur.</p> <p>5. Attended Two days workshop on “Research writings, Ethics, Plagiarism & Publishabilty” held on 26th & 27th July 2012, organized by Internal Quality Assurance Cell (IQAC), Shivaji University, Kolhapur.</p> <p>6. Participated and successfully completed three days online course on biomedical nanotechnology with A grade, held on 7th -9th May 2020, organized by Indian Academic Researchers Association, Tiruchirappalli, Tamil Nadu.</p> <p>7. Participated in one day National Webinar on “Effective Ways to Develop E-Content” held on 9th may 2020, organized by IQAC, Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science in collaboration with Knowledge Bridge, Ahmadnagar.</p> <p>8. Participated in National Webinar on “Winning in the new World” organized by J. V. M.s Mehta Degree College in collaboration with Gozoop Pvt. Ltd. On dated 16th May 2020</p> <p>9. Participated in AICTE approved 4 days online FDP on “Research, Funding Projects and IPR” jointly organized by IQAC, R & D Cell, K. C. College of Engineering and Management Studies</p>
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		<p>and Research, Thane on 7th-10th May 2020.</p> <p>10. Attended one-week online faculty development training program on “Technical Teacher’s Training” held from 22nd to 27th May, 2020 organized by VVIT, Pal.</p> <p><u>Conferences:</u></p> <ol style="list-style-type: none"> 1. Participated in one day National E-Seminar on “Recent Advances in Chemical Sciences” Organized by Department of Chemistry and IQAC, Krishna Mahavidyalaya Rethare Bk. On 29th August 2020. 2. Participated in one day Online National Conference on “Applications of Quantum Chemistry” jointly Organized by IQAC and Department of Chemistry, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi on 03rd may 2020. 3. Attended one day International E-Conference on “Chemistry Research and Competencies” Organized by Yashwantrao Chavan College of Science, Karad on 17th August 2020. 4. Participated in one day International E-Conference on “Advanced Functional Nano Materials and Their Device Applications” Organized by Department of Physics and IQAC, Krishna Mahavidyalaya Rethare Bk. On 10th August 2020. 5. Presented paper (poster) entitled “Spectroscopic studies on the molecular
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		<p>interaction between pyrene nanoparticles and riboflavin: Analytical application for determination of vitamin B₂” in the Indo-UK International virtual Conference on Advanced Nanomaterials for Energy and Environmental applications (ICANEE-2020), jointly organized by the department of nanoscience and technology, Algappa University, London UK during 16th-18th September 2020.</p> <p>6. Presented paper (poster) entitled “Green Synthesis of Biodegradable Polymer by using <u>colocasia esculenta</u>” at National Conference on Recent Advances in Chemical Sciences (NCACS-2020) held on 08th January 2020 organized by Department of Chemistry and Internal Quality Assurance Cell Yashwantrao Chavan College of Science, Karad.</p> <p>7. Presented paper (poster) entitled “A novel FRET probe for determination of fluorescein sodium in aqueous solution: Analytical application for ophthalmic sample” at 1st International Conference on Material and Environmental Science held on 07th - 08th January 2018 organized in collaboration by Shri Yashwantrao Patil Science College, Solankur and The New College, Kolhapur.</p> <p>8. Presented paper (poster) entitled “Synthesis of Novel Fluorogenic</p>
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	<p>Probe for Detection of Persulphate Ion in Water- Ethanol Medium” at 2nd National Conference on Advances in Organic Chemistry held on 05th to 06th February, 2016 Organized by Poona College, Pune.</p> <p>9. Presented paper (poster) entitled “Potassium Ferrocyanide Promoted an Efficient Synthesis of Benzoxazoles and Benzothiazoles under Solvent Free Condition” at 2nd National Conference on Emerging Trends in Chemistry and Material Science held on 23rd January, 2016 Organized by KLS Gogte Institute of Technology, Belgavi.</p> <p>10. Attended National Conference on “Current Research in Chemical Sciences” held on 22nd and 23rd January 2013 organized by the Department of Chemistry, Shivaji University, Kolhapur.</p> <p>11. Presented paper (poster) at 3rd International Conference and Exhibition on “Analytical and Bioanalytical Techniques” held on 22nd to 24th November, 2012 Organized by OMICS Group at Hyderabad International Convention Center, India.</p> <p>2. Presented paper (Poster) at 2nd International Conference on “Emerging Trends in Chemical Sciences” (ETCS-2012) held on 2nd to 4th November, 2012 organized by Solapur University, Solapur.</p>
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		<p><u>Symposium:</u></p> <ol style="list-style-type: none"> 1. Presented paper (Poster) at “Trombay Symposium on Radiation and Photochemistry” (TSRP-2012) held on 4th to 7th January, 2012 organized by Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Mumbai, India. 2. Presented Poster on “Global Warming” in science exhibition, under national science day event in International year of Chemistry (IYC-2011) on “Chemistry in our lives” held on 28th Feb- 04th March 2011, organized by Department of Chemistry, Shivaji University Kolhapur. 3. Participated in two days science exhibition organized by Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon, held on 22nd – 23rd January 2007. 4. Participated in university level science exhibition organized by, Shri Vijaysingh Yadav College of Arts & Science, Peth Vadgaon, held on 26th – 27th Feb 2006.
18.	Publications	<ol style="list-style-type: none"> 1. Spectrofluorimetric Studies of the Interaction between Quinine sulphate and Riboflavin, <u>D. T. Patil</u>, S. L. Bhattar, G. B. Kolekar and S. R. Patil*, <i>Journal of Solution Chemistry</i>, 40 (2011) 211. 2. Micellar-mediated binding interaction between proflavine hemisulfate and

		<p>salicylic acid: Spectroscopic insights and its analytical application <u>Dhanshri T. Patil</u>, Vidya V. Mokashi, Govind B. Kolekar and Shivajirao R. Patil* <i>Luminescence: The Journal of Biological and Chemical Luminescence</i>, 28 (2013) 821.</p> <p>3. Synthesis of novel probe 2-chloro-6-methoxy-3-phenyl hydrazone quinoline and its application to detection of persulphate in aqueous ethanol solution by fluorescence turn on, <u>Dhanshri V. Patil</u>, Vishal S. Patil, Sandeep A. Sankpal, Govind B. Kolekar, Shivajirao R. Patil* <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i>, 90 (2018) 99.</p> <p>4. A novel FRET probe for determination of fluorescein sodium in aqueous solution: Analytical application for ophthalmic sample <u>Dhanshri V. Patil</u>*, Vishal S. Patil, <i>Indian Journal of Chemistry: Section A</i>, 58 (2019) 1187.</p> <p>5. Fluorescence resonance energy transfer from pyrene nanoparticles to riboflavin: Spectroscopic insights and analytical application <u>Dhanshri V. Patil</u>*, Vishal S. Patil <i>Indian Journal of Chemistry: Section A</i>, 59A, (2020) 783</p> <p>6. "Potassium ferrocyanide promoted an efficient synthesis of benzoxazoles and benzothiazoles under solvent free condition" Vishal S. Patil, <u>Dhanshri V. Patil</u>, Sachin. S. Potdar <i>Organic</i></p>
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	Invited Talk	-
19.	Conference/seminar/workshop/ exhibition organized	-
20.	Projects	Nil
21.	Student Supervision	Nil
22.	Other contributions	-
23.	Consultancy	-
24.	Co-curricular activities	<ul style="list-style-type: none"> i) Worked as Junior Supervisor for Shivaji University Exams. ii) Worked as Examiner for B. Sc. Part-I, (Practical S.U.K. Exams).