

## FACULTY PROFILE

### **1. Personal Information:**

**Name of Faculty** : Dr. Rahul Shankarrao Patil

**Designation** : Associate Professor

**Department** : Department of Chemistry

**Date of Appointment** : 01/07/2005

**Area of Specialization** : Chemistry

**Courses taught** : B.Sc., M.Sc.

**Total teaching experience** : 19 Years 6 Months

**Address for Correspondence:** Ankalkhop, Tal: Palus, Dist: Sangli

**Date of Birth** :01/06/1976

**Marital Status** :Married

**E-Mail** : rspatilorg@gmail.com

**Language Proficiency** :Marathi, English, Hindi

**Research Profile Links** : Google Scholar Links

**Google Scholar:** <https://scholar.google.com/citations?user=QZUPzhMAAAAJ&hl=en>



### **2. Academic Qualification: M.Sc., M.Phil., Ph.D.**

Course	Board/University	Year of Passing	Percentage	Division	Subjects
Ph.D.	Shivaji University, Kolhapur	2021	-	-	Chemistry
M.Sc.	Shivaji University, Kolhapur	2000	67%	-	Chemistry
B. Ed.	Shivaji University, Kolhapur	2001	63%	-	Science, Maths
B.Sc.	Shivaji University, Kolhapur	2006	61.60%	-	Microbiology
SET	Pune University	2003	PASS	-	Chemistry

### 3. Research Qualification:

Course	University	Year	Topic of Research
Ph.D.	Shivaji University, Kolhapur	Passed	Synthetic Studies in Some Multicomponent Reactions
SET	Pune University, Pune	2003	Chemistry

### 4. Teaching and Research Experience:

- 2005 – 2024: Yashwantrao Chavan college of Science, Karad.

### 5. Research Papers Published – International/National Journal:

Publications in UGC care List	Publications in conference proceedings	Citations	h-index	i-10 index
<u>12</u>	<u>05</u>	<u>19</u>	<u>02</u>	<u>0</u>

### 6. Details of Research Papers Published:

	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	One Pot Synthesis of CuO-CuFe <sub>2</sub> O <sub>4</sub> @rGO Nanostructure with Synergistic Effect for Efficient Electrochemical Sensing Application of Paracetamol	Suresh S. Shendage Jagdish C. Bhangoji, Sandeep S. Kahandal, <b>Rahul S. Patil</b> , Trimurti L. Lambat,,z Shirinaz I. Khan, Gurumeet Wadhava, Sami H. Mahmood	Electro Chemical Society	2023 026503, 1-10	-	<b>DOI 10.1149 /2754-2734/acd800</b>

2.	Eco-friendly Synthesis of $\alpha$ - Aminonitriles Catalysed by Epzg	<b>Rahul Patil</b> , Shivaji Burungale, Ankush Mali, Uday Lad, Sanjay Jadhav and Uttam More	Der Pharma Chemica,	2022, 14(6): 31-37	ISSN 0975-413X	<a href="http://www.derpharmachemica.com">www.derpharmachemica.com</a>
3.	Effect of sintering temperature on selectivity of zinc ferrite as gas sensors	S.D. Jadhav, <b>R.S. Patil</b>	Der Pharma Chemica	2022, 14(1): 34-38	ISSN 0975-413X	<a href="http://www.derpharmachemica.com">www.derpharmachemica.com</a>
4.	Photocatalytic degradation study of Methyl Orange and Congo red using Mg-Co ferrite powder	S.D. Jadhav, <b>R.S. Patil</b>	J. Water Environ. Nanotechnol.	7(2): 170-179 Spring 2022		DOI: 10.22090/jwent.2022.02.005
5.	Removal of Lead (II) With poly 3-(aza-18 crown-6)silica Bonded Phase from succinate medium and sample analysis	Shivaji Burungale, <b>Rahul Patil</b> , Ankush Mali	Journal of Advanced Scientific Research	2021, 12(3), 146-151	0976-9595	<a href="https://www.scinage.info">https://www.scinage.info</a>
6.	UV light-activated photocatalytic degradation of rhodamine B dye and Suzuki cross-coupling reaction by Ni ferrite catalyst synthesized by sol-gel auto-combustion method	K. R. Sanadi, K C Rathod, M L Gaur, R R Powar, V G Parle, <b>R S Patil</b> , S H Burungale and A V Mali	Bull. Mater. Sci. (2021) 44:265	(2021) 44:265		<a href="https://doi.org/10.1007/s12034-021-02554-8">https://doi.org/10.1007/s12034-021-02554-8</a>
7.	Environmentally Green Synthesis of $\alpha$ -aminophosphonates	<b>Rahul Patil</b> , Shivaji Burungale, Uday Lad, Uttam More	Der Pharma Chemica,	2021, 13(11): 46-53		<a href="http://www.derpharmachemica.com">www.derpharmachemica.com</a>
8.	Envirocat Epzg As A Heterogeneous Catalyst For The Synthesis Of 3,3-Disubstituted Oxindoles	<b>Rahul Patil</b> , Uday Lad, Suresh Shendage and Uttam More	Rasayan Journal Of Chemistry	July - September   2020	ISSN: 0974-1496   e-ISSN: 0976-0083	<a href="http://dx.doi.org/10.31788/RJC.2020.1335759">http://dx.doi.org/10.31788/RJC.2020.1335759</a>

9.	Synthesis, Characterization and Effect of Manganese Substitution on Properties of Mg Ferrites	A.V. Mali, G.B. Dhake and <b>R.S. Patil</b>	International Journal of Research and Analytical Reviews (IJRAR)	March 2019, Volume 6, Issue 1	(E-ISSN 23481269, P- ISSN 2349-5138)	<a href="http://www.ijrar.org">www.ijrar.org</a>
10.	Extraction of Potassium (I) with mixed crown ether from weak acid medium and its applications	<b>Rahul S. Patil</b> and Shivaji H. Burungale	International Journal of Scientific Research and Reviews	IJSRR 2019, 8(1), 773-784	ISSN: 2279-0543	<a href="http://www.ijsrr.org">www.ijsrr.org</a>
11.	Synthesis of oximes in aqueous medium using Hyamine as an ecofriendly catalyst at ambient temperature	Uday P Lad, Makarand A Kulkarni, Rahul S Patil	RASAYAN Journal of Chemistry	2010, 425-428	-	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=QZUPzhMAAAJ&amp;citation_for_view=QZUPzhMAAAJ:LkGwnXOMwfcC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=QZUPzhMAAAJ&amp;citation_for_view=QZUPzhMAAAJ:LkGwnXOMwfcC</a>
12.	Synthesis of Xanthenediones by Silica Supported Orthophosphoric Acid (H <sub>3</sub> PO <sub>4</sub> ·SiO <sub>2</sub> )	<b>Rahul Patil</b> , Uday Lad, Suresh Shendage and Uttam More	Asian Journal of Chemistry	Vol. 30, No. 10 (2018), 2343-2346		<a href="https://doi.org/10.14233/ajchem.2018.21498">https://doi.org/10.14233/ajchem.2018.21498</a>

### **11. Orientation/Refresher/Short Term Courses Attended:**

Sr. No.	Duration	Name of the Course	Agency	Organizing Institute
01	18/11/2010 to 15/12/2010	Orientation Course	UGC, Academic Staff College.	Banaras Hindu University, Varanashi
02	13/07/2011 to 02/08/2011	Refresher Course	UGC, Academic Staff College	University of Hyderabad
03	16/11/2015 to 06/12/2015	Refresher Course	UGC, Academic Staff College	Savitribai Phule Pune University
04	21/02/2018 to	Faculty	UGC, HRDC	Gramonnati Mandals

	27/02/2018	Development Programme	Savitribai Phule Pune University	Arts, Commerce and Science College, Narayangaon
05	04/05/2019 to 10/05/2019	Faculty Development Programme on Cyber Security	MHRD PMMMNTT Shivaji University Kolhapur	Smt. Champaban Balchand Shah Mahila Mahavidyalaya, Ratanshi Nagar, Near Amrai, Sangli.

#### 16. Contribution to University level

- Paper setter : M.Sc. I and M.Sc. II Theory
- Examiner : B.Sc., M.Sc.
- Subject Expert in :
- CAP : M.Sc. I and M.Sc. II Theory

**Place : Karad**

**Name of Faculty**

**Dr. Rahul Shankarrao Patil**