



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile



❖ **General information**

Name : Mr. Avdhut Dadaso Kadam
Designation : Assistant Professor
Department : Chemistry
Educational Qualification : M.Sc. NET(JRF)
Date of Appointment : 22/02/2020
Teaching Experience : UG: 4.5 years
: PG: 4.5 years
Research Experience : 5 years
Research Area : Organic Synthesis, Catalysis, Green Chemistry.

❖ **Educational Qualification Details (undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/Percentage
1	YCIS, Satara	B.Sc.	Chemistry	2009	70.12
2	YCIS, Satara	M.Sc.	Organic Chemistry	2011	61.04
3	UGC-CSIR, Delhi	NET(JRF)	Chemical Science	2016	AIR-49

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Dean	Resource and Infrastructure	Jan-2021-till date
2	Chairman	Yashavantrao Chavan Boys Hostel	Jan-2021-till date
3	Member	Purches Committee	Jan-2021-till date
4	Teacher representative	College Development Committee	Jan-2021-till date

Awards/Honors/Recognitions/Scholarship etc.:

Internal Quality Assurance Cell (IQAC), YCIS, Satara

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Ideal teacher award	Ex-YCISIANS	2022
2	Special performance award	YCIS, Satara	2022

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1			
2			
3			
4			
5			

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/Proceedings	ISSN/ISBN No.	Assignment (Editor/Reviewer)	Publisher	Publication year
1					
2					
3					
4					
5					

❖ **Research Projects(Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/ Completed)
Major Research Project					
1					
2					
Minor Research Project					
1	Synthesis of magnetic nanoparticles Supported Palladium Catalyst and its Application in Organic Transformations.	2021-22	1,50,000/-	YCIS, Satara (RUSA)	Completed
2	Designing of metal organic frameworks as a heterogeneous catalyst and its applications in organic transformations.	2024-25	50,000/-	Research Strengthening Scheme (KBP university satara)	Ongoing

❖ **Research Guidance:**

- Number of students (M.Phil) 1) Completed: 2) Registered:
- Number of students (Ph.D.) 1) Completed: 2) Registered:

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/Any other	Granting date
1				
2				
3				
4				
5				

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	Recent advance role of Fe ₃ O ₄ -supported nanocatalysts in various organic transformations	IIP Series	May 2024	978-93-5747-683-6	
2					
3					
4					

C) Datasets Submission

Sr. No.	Title	Accession No.	Data base	Year of publication
1				
2				
3				
4				

D) Research papers:

Sr. No	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/UGC Care	Impact factor (If any)

1	Clean and Green Approach for Synthesis of Various Derivatives of [1,3]Oxazine in Sustainable Aqueous Hydrotropic Medium	Polycyclic Aromatic Compounds		UGC Care	2.195
2	Biosynthesis of Copper Nanoparticles Using Aqueous Pisa Plant Leaf Extracts: Antimicrobial Activities and Catalytic Application for Xanthene Synthesis,	Chemistry Select		UGC Care	2.30
3	Embedded Nickel Complex on Naturally Biodegradable Gaur Gum: Catalytic Application for the Green Synthesis of 2-Amino-3-Cyano-7-Hydroxy-4 H-Chromenes	Polycyclic Aromatic Compounds		UGC Care	2.195
4	One-Pot Multicomponent Synthesis of Pyrano[2,3-c]pyrazoles Facilitated by Novel Biocatalyst under Ambient Reaction Conditions.	Chemistry Select		UGC Care	2.30
5	Synthesis of novel diethyl (hydroxy(2-morpholinoquinolin-3-yl) methyl) phosphonates as antibacterial agent	CHEMISTRY & BIOLOGY INTERFACE	ISSN: 2249-4820	UGC Care	-
6	SYNTHESIS, ANTIBACTERIAL ACTIVITY STUDY OF NEW 3-((5-METHOXY-1H-BENZO[d]IMIDAZOLE-2-YLTHIO)METHYL)-2-CHLOROQUINOLINE DERIVATIVES	Heterocyclic Letters Vol. 12 No.3 587-596 May-July 202	ISSN : (print) 2231-3087	UGC Care	-
7	A REVIEW ON MYCOPROTEIN AS AN ALTERNATIVE SOURCE OF MEAT PROTEIN	Bulletin of Environment, Pharmacology and Life Sciences	ISSN 2277-1808	UGC Care	-
8	MICROBIAL EVALUATION OF COSMETIC PRODUCTS	Bulletin of Environment, Pharmacology and Life Sciences	ISSN 2277-1808	UGC Care	-
9	Influence of particle size on antibacterial and antifungal strains of titanium dioxide (TiO ₂) nanoparticles synthesized by	Bulletin of Environment, Pharmacology and Life Sciences	ISSN 2277-1808	UGC Care	-

	SILAR method				
10	Antimicrobial activity of Lantana camara on hospital-acquired infectious pathogens	Bulletin of Environment, Pharmacology and Life Sciences	ISSN 2277-1808	UGC Care	-

E) Paper Presentation in Conference /Seminar/ Symposia:

Sr. No	Title of paper	Name of the Conference/Seminar/Symposia Details (Title, Date, Page No etc.)	Level (Intl/Natl/State /Uni etc.)	Organizing institute
1	Green synthesis of α -Fe ₂ O ₃ Nps for its photocatalytic & antimicrobial activities.	1st International Web Conference on Advances in Materials Science and Applied Biology (ICAMSAB-22	International	Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)
2				
3				
4				

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations			
h-index			
i10-index			

❖ Participation in Orientation/Refresher/FDP/Short Term/Training Programs:

Sr. No	Name of the programme	Organizing institute	Date
1	FDP	Teaching Learning Centre Ramanujan College University of Delhi	8-14 Jun 2020
2	Induction	Teaching Learning Centre Ramanujan College University of Delhi	01- September 30, 2020
3	Refresher	Teaching Learning Centre Ramanujan College University of Delhi	23 October - 06 November, 2021
4		University grants	09/10/2023 to 22/10/2023

		commission human resource development centre (HRDC) Gujarat university, Ahmedabad-380009	
5			

❖ **Participation in Conference/Seminar/Symposia/Workshop/Any other programs:**

Sr. No.	Name of the event	Organizing institute	Level (Intl/Natl/State/Uni/Local etc.)	Date
1	1st International Web Conference on Advances in Materials Science and Applied Biology (ICAMSAB-22)	Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)	International	27th and 28th January 2022.
2	International E-Conference on "Sustainable Development in Chemistry & Scientific Applications	Sadguru Gadage Maharaj College, Karad	International	16th & 17th December 2021.
3				
4				
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❖ **Resource person in Conference/Seminar/Workshop/Any other programs:**

S. No.	Title of the event	Level (Intl/Natl/State/Uni./local etc.)	Organizer	Date
1				
2				
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Signature of Faculty