



Shri Shivaji Education Society, Karad Board for Higher Education's  
**Yashwantrao Chavan College of Science**  
Vidyanagar, Karad - 415 124, District: Satara (Maharashtra)



(Affiliated to Shivaji University, Kolhapur)

## FACULTY PROFILE

### 1. Personal Information:

Name of Faculty : Mr. Sudip Dilip Karande  
Designation : Assistant Professor  
Department : Department of Chemistry  
Date of Appointment : 20/05/2023  
Area of Specialization : Nanomaterials, Drug Delivery, Green Chemistry  
Courses taught : B.Sc., M.Sc.  
Total teaching experience : 10 Years 8 Months  
Address for Correspondence: Department of Chemistry,  
Yashwantrao Chavan College of Science, Karad  
Date of Birth : 07/07/1991  
Marital Status : Unmarried  
E-Mail : sudipsdk2020@gmail.com  
Language Proficiency : Marathi, English, Hindi  
Research Profile Links : Scopus, ORCID, and Google Scholar Links



Scopus ID :

ORCID :

Google Scholar:

ResearchGate :

Vidvan ID :

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

Course	Board/University	Year of Passing	Percentage	Division	Subjects
Ph.D.	Shivaji University, Kolhapur	Pursuing	-	-	Organic Chemistry
M.SC.	Shivaji University,	2013	66.31%	-	Organic Chemistry

	Kolhapur				
B.SC.	Shivaji University, Kolhapur	2011	69.64%	-	Chemistry

### **3. Research Qualification:**

Course	University	Year Passed	Topic of Research
Ph.D.	Shivaji University, Kolhapur	Pursuing	Synthesis testing and characterization of hybrid silica nanoparticles for drug delivery applications
M. Phil.	-----	-----	-----
JRF/ NET	CSIR	2012	-----

### **4. Teaching and Research Experience:**

- **2013- 2023:** 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
02	00	58	00	01

### **6. Details of Research Papers Published:**

Sr. No	Title of the Paper	Name of Authors	Journal Name	Impact Factor	Year	ISSN No.	Link to the recognition in UGC enlistment of the Journal
1	Green and sustainable synthesis of silica nanoparticles	Sudip D. Karande, Sushilkumar A. Jadhav, Harshada B. Garud, Vilas A. Kalantre, Shivaji H. Burungale, Pramod S. Patil	Nanotechnology for environmental engineering	5.5	2021		<a href="http://doi.org/10.1007/s41204-021-00124-1">http://doi.org/10.1007/s41204-021-00124-1</a>
2	Facile synthesis of $\beta$ -cyclodextrin-grafted solid silica nanoparticles	Sushilkumar A. Jadhav, Sudip D. Karande, Shivaji H. Burungale	<i>Material Design &amp; Processing Communications</i>	1.9	2019	2577 - 6576	<a href="https://doi.org/10.1002/mdp2.75">https://doi.org/10.1002/mdp2.75</a>

**7. Research Paper Published – Conference Proceedings:**

Sr. No.	Name of Research Paper	Organized By	Name of Conf.	Level of Conf.	ISBN No.	Vol. No.	Page No.

**8. Books Published/Chapter in Books:**

Sr. No.	Title of Book	Publication	Year of Publication	ISBN No.
-	-	-	-	-

**9. Conference/Seminars/Workshops Attended:**

Sr. No.	Name of Programme	Organized By	Year & Duration	Level of Conference
1	Two Days National conference on green chemistry and advanced materials	Yashwantrao Chavan College of Science, Karad	2023 Two day	National
2	One day NATIONAL CONFERENCE ON ADVANCES IN CHEMICAL SCIENCES	Yashwantrao Chavan College of Science, Karad	2020 One day	National

**10. Research Guidance:**

Course	Current Fellows	Awarded Fellows
M.Phil.	-	-
Ph.D.	-	-

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

Sr. No.	Name of Organizer	Name of Programme	Year of Programme	Duration (in Days)

**12. Awards /recognitions received: International, National, State, University level: Teachers awards, Prize in poster presentation, paper reading in conference/seminar, awards related to social work etc.**

Sr. No.	Name of the Award	Awarding Agency	Level	Year

### 13. Patents:

<b>Sr. No.</b>	<b>Name of Contributors</b>	<b>Title</b>	<b>Agency</b>	<b>Registration Number</b>	<b>Year</b>

### 14. Editorial Board

Associate Editor : -

Review Editor : -

### 15. Leadership Activities

### 16. Contribution to University level

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

Place : Karad

Name of Faculty

Mr. Sudip Dilip Karande