

## CURRICULUM VITAE

### 1. PERSONAL PROFILE:

Name : Dr. Jadhav Shivajee Sambhajee  
Father Name : Mr. Jadhav Sambhajee Nivrutti  
Gender : Male  
Date of Birth : 06<sup>th</sup> May 1988  
Marital Status : Unmarried  
Religion : Hindu  
Category : EWS  
Conversant in : Marathi, Hindi, English  
Address for Communication : Vasantnagar pare road, Tal- Khanapur, Dist- Sangli-415311  
Mobile No. : 918237378994  
E-mail ID : jshivaji007@gmail.com  
Employment Reg. No. :



### 2. EDUCATIONAL QUALIFICATION:

Degree	Name of Institute / College	University	Year of Passing	Marks (%)
Ph.D	Shivaji University, Kolhapur	SUK-Kolhapur	2017	--
SET	SPPU Pune	SPPU Pune	2023	--
M.Sc	Shivaji University, Kolhapur	SUK-Kolhapur	2011	73.08
B.Sc.	Balwant college, Vita.	SUK-Kolhapur	2009	68.32

### 3. EXPERIENCE:

Designation	Name of Institution / Organization	Period of Service		Experience (Years & Months)
		From	To	
Assistant Professor	SGM College, Karad	2022	Till date	1 Y
Assistant Professor	Dr. Patangrao Kadam Mahavidyala, Ramanadnagar (Burli)	2021	2022	09 Months
Assistant Professor	Balwant College, Vita	2017	2021	4Y
Assistant Professor (Visiting Faculty)	Department of Chemical Technology, SUK-Kolhapur	2011	2015	4Y
DST- Inspire Fellow	SUK-Kolhapur	2012	2015	3Y
IASc -INSA-NASI-Summer research Fellow	Institute of Chemical Technology (ICT), Mumbai	1/06/2019	31/07/2019	2 months

**Total Teaching Experience: 9 years**

**4. BOOK PUBLISHED: --**

**5. PATENTS PUBLISHED: --**

**6. AWARDS AND ACHIVEMENTS: -- 03**

**1) Award of "DST-INSPIRE FELLOWSHIP"** in the department of Chemistry, Shivaji University, Kolhapur. (Ministry of Science and Technology, Department of Science and Technology, New Delhi-110016- **IF-120358, 10 July 2012**).

**2) Award of IASC-INSA-NASI-Summer Research Fellowship- 2019**

**Title:** Furfural condensation by using solid base catalyst. **Reg. No. is CHET139.**

**Resarch Mentor : Prof. Lakshmi Kantam Mannepalli**

M. Sc., Ph. D., FNA, FTWAS, FNASc, FRSC

Dr. B. P. Godrej Distinguished Professor, J. C. Bose National Fellow,  
Department of Chemical Engineering, Institute of Chemical Technology,  
Matunga, Mumbai-400019, India.

Former Director, CSIR-IICT, Hyderabad, Adjunct professor, Tezpur University, Tezpur.

**3) In Quiz compition, Secured III<sup>rd</sup> prize** in group under National science day event in International Year of Chemistry (IYC)-2011 held on 4th March, 2011, organized by Department of Chemistry, Shivaji University, Kolhapur.

**4) Participated in Oral presentation Session and presented paper on "Proposal**

**for the Course Project** in “Two Days Faculty Conclave” on “**Effective Student Engagement in Learning Through Active Learning Techniques**” to be held on 11<sup>th</sup>-12<sup>th</sup> of January 2019 Organized by Sanjay Ghodawat University, Kolhapur.

**5) Participated in Committee meeting of “Board of Studies (BOS) in Chemistry (Medicinal Chemistry)”** to be held on 24<sup>th</sup> Sep. 2022 Via virtual mode at S. G. M. College, Karad.

**6) Participated in Scientific programmes of Indian Academy of Sciences, “88<sup>th</sup> Annual Meeting of the Indian Academy of Sciences held at SRM University, Andhra Pradesh, Amravati During 04-06 Nov. 2022”.**

**7. RESEARCH PAPER PRESENTED: 05**

1) Participated in Oral presentation session as paper presenter in Third International Conference on Advances in Material Science (ICAMS-2018) on 27<sup>th</sup> - 29<sup>th</sup> December 2018, Organized by Post Graduate Department of Physics, Raje, Ramrao Mahavidyalaya, Jath-416004, Dist- Sangli Maharashtra India.

2) Chemical synthesis of Cu<sub>2</sub>Se thin films and their applications

UGC Sponsored two day State Level Seminar on, “Nanotechnology: Fabrication Methods and Its Application (2nd and 3rd December 2011)”, Organised by Department of Physics, AbasahebMarathe Arts and New commerce, Science college, Rajapur, Dist-Ratnagri.

3) Chemistry and Thin film Nanotechnology

International year of chemistry IYC- 2011 One day state level seminar on “Chemistry in our life organized by P. G. Department of chemistry, Jaysingpur college, Jaysingpur, Tal- Shirol, Dist- Kolhapur and sponsored by Shivaji University Kolhapur(21st December 2011).

4) Chromatographic Separation of Thorium (IV) using Poly [dibenzo-18- crown-6] in Glycine.

“National Seminar on Recent Advances in Synthetic Chemistry and Nanomaterials (RASCN-2012) Department of chemistry, Shivaji University Kolhapur, 21st-22nd Jan. 2012.

5) Novel Synthesis of Nanocrystalline Cu<sub>2</sub> (S, Se) Thin Film by Arrested Precipitation Technique (APT)

International Multidisciplinary Conference on Recent Trends in Library, Science and Technology, Humanities, Commerce & Management, organized by Library and IQAC of college on Friday, 21st December 2018.

**8. RESEARCH PAPER/ REVIEW ARTICLE PUBLISHED: 09**

	<b>List of research paper published/communicated in international journals/conferences</b>
1	Novel synthesis of efficient counter electrode by facile arrested precipitation technique (APT) <i>S. S. Jadhav</i> , S. S. Mali, C. K. Hong, P. S. Patil, P. N. Bhosale, G. N. Mulik <i>Journal Materials Science: Material in Electronics, 27 (2016) 3812-3820, I.F. 2.015</i>
2	Arrested precipitation assembly of nanosheets Cu <sub>2</sub> ZnCd (S, Se) <sub>3</sub> thin film for solar cell performance: Novel skilful synthesis <i>Shivajee S. Jadhav</i> , Sawanta S. Mali, Chang Kook Hong, Pramod S. Patil, Popatrao N. Bhosale, Ganpatrao N. Mulik <i>Materials Letters, 217(2018) 215-218, I.F. 2.7</i>
3	To investigate the study of bio-absorption of Nickel by aquatic macrophytes hydrilla species A. M. Momin, <i>S. S. Jadhav</i> , S. A. Shivde, V. S. Raut, S. B. Thombare, R. G. Suryawanshi. <i>Bionano Frontier 8 (2015) 137-139</i>
4	Template free synthesis of mesoporous carbon from fire cracker waste and designing of ZnO-Mesoporous carbon photocatalyst for dye (MO) degradation Sachin B Shinde, Shankar D Dhengale, Omkar S Nille, <i>Shivajee S. Jadhav</i> , Anil H Gore, Nagesh B Birajdar, Sanjay S Kolekar, Govind B Kolekar, Prashant V Anbhule <i>Inorganic Chemistry Communications (2022) 110242, I.F. 3.4</i>
5	Chromatographic Extraction of palladium(II) ions in multi-component mixture using poly[dibenzo-18-crown-6] as sorbent Rupesh Kadam, <i>Shivajee Jadhav</i> , Pravin Kamble, Namdev Madane <i>Journal of Emerging Technologies and Innovative Research 9 (2022) 141-145</i>
6	Reversed-Phase Column Extractive Separation of Palladium(II) with Poly[dibenzo-18-crown-6]: A analysis of real sample Rupesh Kadam* <i>Shivajee Jadhav</i> . <i>Science, Technology and devolvement journal 11 (2022) 160-164.</i>
7	Synthesis and characterization of arrested precipitation assembled Cu <sub>2</sub> Se thin films Sankpal S.T. Karape S. M., Sirsat D.M., Pakhare K. S., <i>Jadhav S.S.</i> <i>International Journal of Health Sciences 6(2022) 764-773.</i>
8	Furfural Condensation by using Zn-Mg-HT as solid base catalyst <i>Shivajee Jadhav</i> * Komal dhumal, Anita Mali, Sanchita Dhumal <i>Bulletin of Environment, Pharmacology and Life Sciences 1 (2022) 1505-1508.</i>
9	Synthesis of Cu <sub>2</sub> S Thin films by Arrested Precipitation Tehniques : A Novel Approach S. M. Karape, D. M. Shirsat, <i>S. S. Jadhav</i> , R. B. Kadam, G. N. Mulik, S.T. Sankpal

**9. SEMINAR / CONFERENCE/ WROKSHOP ATTENDED: 08**

1	Chemistry and Thin film Nanotechnology <i>International year of chemistry IYC- 2011 One day state level seminar on "Chemistry in our life" organized by P. G. Department of chemistry, Jaysingpur colleage, Jaysingpur, Tal-Shirol, Dist- Kolhapur and sponsored by Shivaji University Kolhapur(21<sup>st</sup> December 2011).</i>
2	Chromatographic Separation of Thorium (IV) using Poly [dibenzo-18- crown-6] in Glycine. <i>"National Seminar on Recent Advances in Synthetic Chemistry and Nanomaterials (RASCN-2012) Department of chemistry, Shivaji University Kolhapur, 21st-22nd Jan. 2012.</i>
3	Fabrication of Flower-like ZnO nanostructure for NO <sub>2</sub> Gas Detection <i>3rd National Seminar on Physics of Materials and Materials based Device Fabrication (NSPM-MDF), organized by Department of Physics, Shivaji University Kolhapur, 19 and 20</i>

	<i>December 2014.</i>
4	Investigation on Chemosynthesized CuS <sub>Se</sub> Nanocrystalline Thin Film by Room Temperature Arrested Precipitation Technique (APT) <i>International Conference on Contemporary Research in Chemical and Life Science (ICCRCLS) organized by Sadguru Gadge Maharaj College, Karad, 22 and 23<sup>rd</sup> April, 2015.</i>
5	Investigations on chemosynthesized Cd(S,Se) nanoflowers architectures for solar cell <i>State Level Poster Competition on the occasion of Thomas Edison and Charles Darwin's Birth Anniversary, organized by Balwant College Vita, Dist. Sangli, Thursday 12 February 2015.</i>
6	Novel Synthesis of Nanocrystalline Cu <sub>2</sub> (S, Se) Thin Film by Arrested Precipitation Technique (APT) <i>International Multidisciplinary Conference on Recent Trends in Library, Science and Technology, Humanities, Commerce &amp; Management, organized by Library and IQAC of college on Friday, 21<sup>st</sup> December 2018.</i>
7	Arrested precipitation assembled Cd (S <sub>0.7</sub> , Se <sub>0.3</sub> ) nanostructures thin films for solar cell performance <i>Oral Presentation: Third International Conference on Advances in Material Science (ICAMS-2018) on 27<sup>th</sup>-29<sup>th</sup> December 2018, Organized by Post Graduate Department of Physics, Raje, Ramrao Mahavidyalaya, Jath-416004 Dist- Sangli Maharashtra India.</i>
8	Chemical synthesis of Cu <sub>2</sub> Se thin films and their applications <i>UGC Sponsored two day State Level Seminar on, "Nanotechnology: Fabrication Methods and Its Application (2<sup>nd</sup> and 3<sup>rd</sup> December 2011)", Organised by Department of Physics, AbasahebMarathe Arts and New commerce, Science college, Rajapur, Dist-Ratnagri.</i>

#### 10. WORK AS RESOURCE PERSON: -- 02

- 1) Worked as **Resource person for Bridge Course "Laboratory Skills in Chemistry"** for B. Sc. III to be held on 14<sup>th</sup> Nov. 2022 to 21<sup>st</sup> Nov.2022, organized by Department of Chemistry, S. G. M. College, Karad.
- 2) Worked as **Resource person for Bridge Course "Laboratory Skills in Chemistry"** for M. Sc. II to be held on 23<sup>rd</sup> Nov. 2022 to 25<sup>th</sup> Nov.2022, organized by Department of Chemistry, S. G. M. College, Karad.

#### 8. MEMBER OF ORGANIZING COMMITTEE: -- 01

Participated In Committee Meeting Of "Board Of Studies (Bos) In Chemistry (Medicinal Chemistry)" To Be Held On 24th Sep. 2022 Via Virtual Mode At S. G. M. College, Karad

#### 9. OTHER

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**Name: Dr. Shivajee Sambhajee Jadhav**