

## CURRICULUM VITAE

**Name:** **Dr. Sachinkumar Kisan Shinde**

**Address:** A/P-Balagavade, Tal-Tasgaon, Dist. Sangli,  
Maharashtra, India-416312

**Phone:** +91-9730559905, +91-8275107171

**E-mail:** [sachinshinde888@gmail.com](mailto:sachinshinde888@gmail.com)

**PERSONAL DETAILS:**

**Date of Birth:** 08<sup>th</sup> July 1988

**Blood Group:** O<sup>+ve</sup>

**Gender:** Male

**Marital status:** Married

**Nationality:** Indian

**Languages known:** English, Marathi, Hindi

**Cast:** Hindu-Maratha

**Category:** Open

**CAREER OBJECTIVE:**

Looking for an opportunity to secure the position of a teacher where I can employ all my skills for the benefit of the organization. The gifted, passionate, and creative teacher committed to be a catalyst in the discovery of one's potential, calling, and passion which will ultimately impact, equip, and empower the present and future generations.

**ACADEMIC QUALIFICATIONS:**

Degree	University/Board	Marks (%)	Class	Year
Ph. D. (Chemistry)	Shivaji University Kolhapur	-	-	Feb. 2021
NET-JRF (CSIR)	CSIR-UGC, New Delhi	50 <sup>th</sup> Rank	-	Dec. 2012
NET (LS)	CSIR-UGC, New Delhi	35 <sup>th</sup> Rank	-	Jun. 2012
SET	Savitribai Phule Pune University	-	-	April 2021
GATE	IIT, Mumbai	304 <sup>th</sup> Rank	-	Mar. 2013
M. Sc. (Org. Chem.)	University of Pune, Pune	66.30	First	Jul. 2010
B. Sc. (Chemistry)	Shivaji University, Kolhapur	66.20	First	Apr. 2008
H. S. C. (Science)	Kolhapur	64.17	First	Mar. 2005
S. S. C. (Marathi)	Kolhapur	70.66	First	Mar. 2003

**HONOURS, AWARDS AND ACHEIVMENTS:**

- **Research Fellowship for Ph.D. under UGC-CSIR NET-JRF Scheme from CSIR, New Delhi**
  - Junior Research Fellowship (JRF) - 2 Year (25,000/- p/m.): Jan-2014 to Jan 2016
  - Senior Research Fellowship (SRF) - 3 Year (28,000/- p/m.): Feb 2016 to Jan 2019
  
- **Research Papers:**
  - **Published: 16** (International)
  - **Presented: 14** (International/National Conferences)
  
- **Young Researcher Award:** Institute of Scholar, Bengaluru (21<sup>st</sup> February 2021)
  
- **Minor Research Project:** “Study of Raisin Production in Tasgaon Tehsil” under Research Promotion Scheme from College Research Committee of PDVP College Tasgaon.
  
- **Community Membership (32443237):** American Chemical Society, United States (US).
- **Annual Membership (A423):** Indian Science Congress Association, Bengaluru.
- **Professional Membership (InSc20215E7D):** Institute of Scholar (InSc), Bengaluru.
- **Reviewer of** Institute of Scholar (InSc), Bengaluru.
  
- **Presentation:**
  - DST-FIST Mid-Term progress Report at Alleppey, Kerala.
  - DBT-STAR College Scheme proposal at Department of Biotechnology, New Delhi.
  
- **PFMS portal:** Activation and Handing.
  
- **Resource Person:** Science day, workshops and guest lectures
  
- **Organizer/Coordinator:** NAAC Criterion-V, Campus drive, Webinars, Workshop, Seminars, Study tour, Alumni meet and Extension activity.
  
- **Examiner/Expert/Supervisor:** University and College examinations.
  
- **Member:** M. Sc. Admission, Research and Innovation Committee, Exam Committee Including CIE, Students, Teachers, Parents Feedback committee, Student Satisfaction Survey Committee, Avishkar, Conferences and functions.

**EXPERIENCE:****1. Teaching:**

- a) Postgraduate (PG): Eleven-year** teaching experience as a Full-time Lecturer in Organic Chemistry on non-grant basis from academic year 19<sup>th</sup> June 2010 to till today at the PDVP College, Tasgaon, Dist. Sangli.
- b) Under Graduate (UG): Five-year** teaching experience as Assistant Professor in Chemistry on C.H.B. from academic year 19<sup>th</sup> June 2010 to till 30<sup>th</sup> April 2015 at the PDVP College, Tasgaon, Dist. Sangli.

**2. Project Guide: M. Sc. II and B. Sc. III Students.**

- Project:** i) Synthesis of Triarylimidazoles by egg shell catalyst (B. Sc. III) (2013-14)  
 ii) Water extract of banana (WEB) for Knoevenagel Condensations (2015-16)  
 (1<sup>st</sup> prize winner in Avishkar Distinct Level Dec-2013 & 2015)

**3. Guest Lectures:**

Sr.	Name of College	Class	Topic
1	Lal Bahadur Shashtri (LBS) College, Satara.	M. Sc. I & II	Spectroscopy (UV, IR, NMR Mass)
2	Balwant College, Vita	M. Sc. I & II	Retrosynthesis, Reaction Mechanism, Organometallic compounds
3	Willingdon College, Sangli	M. Sc. II	Stereochemistry
4	Jaysingpur College, Jaysingpur	M. Sc. I	Retrosynthesis, Organometallic compounds
5	KRP College, Islampur	M. Sc. I	Spectroscopy (NMR & Mass)
6	R. R. Patil Mahavidyalaya, Sawlaj	B. Sc. (I, II & II)	Stereochemistry, Spectroscopy
7	Shri. S. H. Kelkar College, Devgad, Dist. Sindhurg.	M. Sc. II	2D-NMR & Mass Spectroscopy

- 4. Remedial coaching of NET/SET/GATE exams for M. Sc. Students form ten year.**
- 5. Handling of FT-IR and UV Spectrophotometer instrument.**
- 6. Expert/Examiner:** University Theory/Practical Examination of M. Sc. & B. Sc.
- 7. Alumni Meet:** Organize 1<sup>st</sup> alumni meet of PG M. Sc. Organic Chemistry Students.
- 8. Study Tour:** Organize eleven study tours for industrials visits.
- 9. Industrial Project:** Project work done in Marksans Pharmaceutical Industry, Kurkumbh, Dound, Pune on “Synthesis of versatile intermediate N-alkylpiperazine” (May 2009).
- 10. Computer:** Certificate in MS-CIT having 68 % in April 2006.
- 11. Sports:** BLACK Belt in Marshal Art Karate Do-association, Pune (10 years).

**RESEARCH PUBLICATIONS:**

1. Aegle marmelos in heterocyclization: greener, highly efficient, one-pot three-component protocol for the synthesis of highly functionalized 4*H*-benzochromenes and 4*H*-chromenes  
**Sachin Shinde**, Shashikant Damate, Smita Morbale, Megha Patil and Suresh S. Patil  
*RSC Advances*, 2017, 7, 7315–7328.  
**Impact factor 3.840**
2. Synergetic effects of naturally sourced metal oxides in organic synthesis: a greener approach for the synthesis of pyrano[2,3-*c*]pyrazoles and pyrazolyl-4*H*-chromenes  
**Sachin K. Shinde**, Megha U. Patil, Shashikant A. Damate, Suresh S. Patil  
*Research on Chemical Intermediates*, 2018, 44, 1775–1795.  
**Impact factor 2.914.**
3. Fruit Extract of *Averrhoa bilimbi*: A Green Neoteric Micellar Medium for Isoxazole and Biginelli-Like Synthesis  
Bhagyashree Patil, **Sachinkumar Shinde**, Ashutosh Jagdale, Swati Jadhav, Suresh Patil  
*Research on Chemical Intermediates*, 2021, 47, 4369-4398.  
**Impact factor 2.914**
4. Chickpea Leaf Exudates: A Highly Efficient Natural Brønsted Acidic Medium for the Synthesis of Pyran-annulated Heterocycles  
Snehali Mali, **Sachinkumar Shinde**, Shashikant Damate and Suresh Patil  
*Letters in Organic Chemistry (2021, Accepted)*  
**Impact factor 0.867**
5. A synergetic role of *Aegle marmelos* fruit ash in the synthesis of biscoumarins and 2-amino-4*H*-chromenes  
Rupesh Patil, **Sachinkumar Shinde**, Uttam Patil, Appasaheb Birajdar, Suresh Patil  
*Research on Chemical Intermediates*, 2021, 47, 1675-1691.  
**Impact factor 2.262.**
6. [BBSA-DBN][HSO<sub>4</sub>]: A novel -SO<sub>3</sub>H functionalized Bronsted acidic ionic liquid for easy access of quinoxalines  
Megha U. Patil, **Sachinkumar K. Shinde**, Sandip P. Patil, Suresh S. Patil  
*Research on Chemical Intermediates*, 2020, 46 (11), 4923-4938  
**Impact factor 2.262.**

7. Ash of pomegranate peels (APP): A bio-waste heterogeneous catalyst for sustainable synthesis of  $\alpha, \alpha'$ -bis(substituted benzylidene)cycloalkanones and 2-arylidene-1-tetralones  
Rupesh C. Patil, Uttam Patil, Ashutosh Jagdale, **Sachinkumar K. Shinde**, Suresh Patil,  
*Research on Chemical Intermediates*, 2020, 46, 3527-3543.  
**Impact factor 2.262.**
8. Bael Fruit Ash Water Extract (BFAWE): A greener benchmark for the synthesis of tetrahydrochromeno[4,3-B]chromene-6,8-diones and benzylpyrazolylcoumarins  
Megha U. Patil, **Sachinkumar K. Shinde**, and Suresh S. Patil  
*Chemical Science Transactions*, 2020 (Accepted)  
**Citation Factor 0.980**
9. Synergistic effect of natural chickpea leaf exudates acids in heterocyclization: a greener protocol for benzopyran synthesis  
Snehali Mali, **Sachin Shinde**, Shashikant Damte and Suresh Patil  
*Royal Society of Open Science*, 2018, 5(2), 170333.  
**Impact factor: 2.504**
10. Natural Bio-surfactant for Pseudomulticomponent Synthesis of 2-aryl-1-aryl Methyl-1H-benzimidazoles  
Smita T. Morbale, **Sachin K. Shinde**, Shashikant A. Damate, Madhukar B. Deshmukh and Suresh S. Patil  
*Letters in Organic Chemistry*, 2018, 15, (1), 57-63.  
**Impact factor 0.730**
11. A synthesis of novel acidic ionic liquid [BBSA-DBU][HSO<sub>4</sub>] and its catalytic activities for synthesis of pyrazolopyranopyrimidine derivatives  
M. PATIL, **S. SHINDE**, S. DAMATE, and S. PATIL  
*Asian Journal of Chemistry*, 2018, 30 (5), 961-966.  
**Impact factor 0.140**
12. Calotropis gigantea leaf derived ZnO nanoparticles: A green protocol for rapid synthesis of 2-amino-4H-chromene derivatives  
Megha U. Patil, **Sachinkumar K. Shinde**, Swati D. Jadhav, and Suresh S. Patil  
*International Journal of Research and Analytical Reviews*, 2019, 6 (2), 615-627.  
**Cosmos Impact Factor 4.236; Google Scholar Impact Factor 5.75**

13. Eggshell derived catalyst: An environmentally benign approach for versatile synthesis of pyrano[2,3-c]pyrazole derivatives

**Sachinkumar K. Shinde**, Megha U. Patil, and Suresh S. Patil

*International Journal of Research and Analytical Reviews*, 2019, 6 (2), 662-674.

**Cosmos Impact Factor 4.236; Google Scholar Impact Factor 5.75**

14. A lemon juice catalysed synthesis of quinoxaline derivatives: as a green approach

Megha U. Patil, **Sachinkumar K. Shinde**, Swati D. Jadhav, S. S. Patil & M. Deshmukh

*International Journal of Research and Analytical Reviews*, 2019, Spe. Issue, 232-238

**Cosmos Impact Factor 4.236; Google Scholar Impact Factor 5.75**

15. Modified eggshell catalyzed, one-pot synthesis and antimicrobial evaluation of 1, 4-dihydropyridines and polyhydroquinolines.

Smita T. Morbale, **Sachin K. Shinde**, Swati D. Jadhav, M. B. Deshmukh, Suresh S. Patil

*Der Pharmacia Lettre*, 2015, 7 (12):169-182

**Impact factor: Peer Review**

16. CES as an Efficient Natural Catalyst for Synthesis of Schiff Bases under Solvent-Free Conditions: An Innovative Green Approach. (doi:10.1155/2012/153159)

S. D. Jadhav, **S. K. Shinde** and Suresh Patil



*Organic Chemistry International*, 2012, Article ID 153159, 5

**Impact factor: Peer Review**

## GOOGLE SCHOLAR CITATIONS

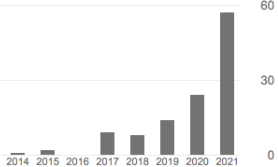
Google Scholar

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Research Fellow, Department of Chemistry, PDVP College Tasgaon, Sangli (MS), India-416312  
Verified email at pdvpmtasgaon.edu.in  
[Organic Synthesis](#) [Green Catalysis](#) [Heterocyclization](#)

	All	Since 2017
Citations	115	112
h-index	6	6
i10-index	4	4



TITLE	CITED BY	YEAR
<input type="checkbox"/> <b>Aegle marmelos in heterocyclization: greener, highly efficient, one-pot three-component protocol for the synthesis of highly functionalized 4 H-benzochromenes and 4 H-chromenes</b> S Shinde, S Damate, S Morbale, M Patil, SS Patil RSC advances 7 (12), 7315-7328	36	2017
<input type="checkbox"/> <b>CES as an efficient natural catalyst for synthesis of Schiff bases under solvent-free conditions: an innovative green approach</b> S Patil, SD Jadhav, SK Shinde Organic Chemistry International 2012	21	2012
<input type="checkbox"/> <b>Synergetic effects of naturally sourced metal oxides in organic synthesis: a greener approach for the synthesis of pyrano [2, 3-c] pyrazoles and pyrazolyl-4 H-chromenes</b> SK Shinde, MU Patil, SA Damate, SS Patil Research on Chemical Intermediates 44 (3), 1775-1795	17	2018

Co-authors [EDIT](#)

 **Ashutosh Jagdale**  
Research Scholar, PDVP Colleg...

**PARTICIPATION IN CONFERENCES/ WORKSHOPS/ SEMINARS:****INTERNATIONAL CONFERENCES:**

1. Poster Presentation in International conference on “**Emerging Trends in Chemical Sciences**” Nov-2012 organized by Solapur University, Solapur, Maharashtra.
2. Paper Presented in 2<sup>nd</sup> International Conference on “**Integrative Approach in Environmental and Applied Sciences**” (IAEA-2019) on 08<sup>th</sup> Feb. & 09<sup>th</sup> Feb. 2019 at Baha'i Academy, Panchgani, Dist. Satara, Organized by PDVP Mahavidyalaya, Tasgaon, Dist. Sangli, Maharashtra.
3. **107<sup>th</sup> Indian Science Congress Association** on 03<sup>rd</sup> to 07<sup>th</sup> Jan. 2020 held at University of Agricultural Sciences, Bangalore, Karnataka.
4. International E-Conference on “**Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World**” on 15<sup>th</sup> to 17<sup>th</sup> May 2020 organized by Gov. of Maharashtra, Gov. Vidarbha Institute of Science & Humanities, Amaravati, Maharashtra.
5. International E-Conference on “**Cutting Edge Smart Materials & Nanotechnology (ICCESMN-2020)**” on 20<sup>th</sup> & 21<sup>st</sup> Aug. 2020 organized by Sadguru Gadage Maharaj (SGM) College, Karad, Dist. Satara, Maharashtra.

**NATIONAL CONFERENCES:**

1. Poster presentation in National conference on “**Chemistry and its role in human development**” **Jan 2012** organized by Bharati Vidyapeeth's Dr. P.K. Mahavidyalaya, Sangli, Maharashtra.
2. Oral Presentation in National conference on “**New Horizon in Applied Sciences**” **Sept-2012** organized by Sharadchandra Pawar Mahavidyalaya, Lonand, Satara, Maharashtra.
3. Poster Presentation in National conference on “**Research in Chemical Sciences**”-2013 (**CRCS-2013**)” Jan-2013 organized by Shivaji University, Kolhapur, Maharashtra.
4. Poster Presentation in National conference on “**Frontiers in Chemical and Biological sciences-2013**” (**FCBS-2013**) organized by PDVP Mahavidyalaya, Tasgaon, Dist. Sangli, Maharashtra.
5. Poster Presentation in National conference on “**Advances in Chemical Sciences with Special Reference to Molecular Spectroscopy, Material Science and Organic Electronics-2014**” (**NCACS-2014**) organized by Department of Chemistry, Fergusson College, Pune-411 004, Maharashtra.

6. Poster Presentation in National conference on “**Frontiers in Agrochemicals and Pest Manangement-2015**” (FAPM-2015) organized by Department of Agrochemicals and Pest Management, Shivaji University, Kolhapur, Maharashtra.
7. Paper Presented in National Conference on “**Recent Trends in Physical. Chemical and Nanosciences**” (RTPCN-2017) on 23<sup>rd</sup> Jan. 2017 at Lal Bahadur Shastri (LBS) College of Arts, Science and Commerce, Satara, Maharashtra.
8. Science Academies’ Lecture Workshop on “*Recent advances in Catalysis Sciences*” dated, 23<sup>rd</sup> & 24<sup>th</sup> **February 2018** at Sanjay Ghodawat University, Kolhapur, Maharashtra.
9. Participated in teaching training workshop on “**Understanding Climate Change & Sustainable Development Goals for Safer Planet and a Sustainable Future**” on 16<sup>th</sup> **Jan. 2019** at organised by PDVP Mahavidyalaya, Tasgaon, Dist. Sangli, Maharashtra.

**Declaration:**

I hereby declare that, the information in application is true, correct and complete to the best of my knowledge and belief and nothing has been concealed/distorted. If at any time, I am found to have concealed/distorted any material information, my appointment shall be liable to be summarily terminated without notice/compensation. This is to declare that I have never been found/held guilty convicted for any administrative misconduct or any offence by the concerned appropriate authority/by the Court. Also no case is pending against me in any court of Law, University or any educational authorities / Institution at the time of application.

Thank you for pursuing my personal information.

**Place:** Tasgaon (Sangli)

**Date:** 15-02-2022

Yours faithfully,



**(Dr. Sachinkumar Kisan Shinde)**