

CURRICULUM VITAE

Name: Dr. Megha Uday Patil
Address: A/P-Ghogaon, Tal-Palus, Dist. Sangli,
 Maharashtra, India-416312
Phone: +91-8830046904
E-mail: mupatil30@gmail.com

**PERSONAL DETAILS:**

Date of Birth: 30th April 1988

Gender: Female

Nationality: Indian

Cast: Hindu-Maratha

Blood Group: O⁺ve

Marital status: Married

Languages known: English, Marathi, Hindi

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 Qualification:

Degree	University/ Board	Marks (%)	Class	Year
Ph. D. (Chemistry)	Shivaji University Kolhapur	-	-	Feb. 2021
NET-JRF (UGC)	CSIR-UGC, New Delhi	34 th Rank	-	Dec. 2012
GATE	IIT, Mumbai	304 th Rank	-	Mar. 2013
M. Sc. (Org. Chem.)	Shivaji University Kolhapur	69.38	First class with distinction	Jul. 2010
B. Sc. (Chemistry)	Shivaji University Kolhapur	74.36	First	Apr. 2008
H. S. C. (Science)	Kolhapur	61.33	First	Mar. 2005

S. S. C. (Marathi)	Kolhapur	80.00	First class with distinction	Mar. 2003
-----------------------	----------	-------	------------------------------------	-----------

HONOURS, AWARDS AND ACHEIVMENTS:

- **Research Fellowship for Ph.D. under UGC-CSIR NET-JRF Scheme from UGC, New Delhi**
 - Junior Research Fellowship (JRF) - 2 Year (25,000/- p/m.): Jan-2012 to Jan 2014
 - Senior Research Fellowship (SRF) - 1 Year (28,000/- p/m.): Feb 2015 to Jan 2016
- **Research Papers:** ○ **Published: 08** (International)
- **Young Researcher Award:** Institute of Scholar, Bengaluru (21st February 2021)
- **Minor Research Project:** “Utilization of biobased material for organic transformation” under Research Initiation Scheme from Shivaji University Kolhapur.
- **Annual Membership (L39480):** Indian Science Congress Association, Bengaluru, India.
- **Professional Membership (InSc2021810A):** Institute of Scholar (InSc), Bengaluru.
- **Reviewer of** Institute of Scholar (InSc), Bengaluru.
- **Resource Person:** Science day, workshops and guest lectures
- **Organizer/Coordinator:** Hostel rector, Student Development Programme, Webinars, Workshop, Seminars.
- **Examiner/Expert/Supervisor:** University and College examinations.
- **Member:** Cultural Activity Committee, Gender equity Committee/Women empowerment committee, Internal Complaint committee, Anti ragging committee, Hostel Committee, NSS and extension activity committee, E-content development committee

EXPERIENCE:

Teaching:

- a) **Postgraduate (PG): Eleven-year** teaching experience as a Full-time Lecturer in Physical Chemistry from academic year 19th 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 from academic year 15th July 2016 to till date at the PDVP College, Tasgaon, Dist. Sangli.

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

3. **Guest Lectures:**

Sr.	Name of College	Class	Topic
1	Balwant College, Vita	M. Sc. I & II	Biophysical Chemistry, ORD and CD
2	Willingdon College, Sangli	M. Sc. II	Chemical Kinetics
3	R. R. Patil Mahavidyalaya, Sawlaj	B. Sc. III	Quantum mechanics, Electromotive force

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.

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 Shinde, **Megha Patil** Shashikant A. Damate, Suresh S. Patil *Research on Chemical Intermediates*, 2018, 44, 1775–1795.

Impact factor 2.914.

3. [BBSA-DBN][HSO₄]: A novel -SO₃H functionalized Bronsted acidic ionic liquid for easy access of quinoxalines

Megha Patil Sachin Shinde, Sandip P. Patil, Suresh S. Patil

Research on Chemical Intermediates, 2020, 46 (11), 4923-4938

Impact factor 2.262.

4. Bael Fruit Ash Water Extract (BFAWE): A greener benchmark for the synthesis of tetrahydrochromeno[4,3-B]chromene-6,8-diones and benzylpyrazolylcoumarins

Megha Patil Sachin Shinde, and Suresh S. Patil
Chemical Science Transactions, 2020 (Accepted)

Citation Factor 0.980

5. A synthesis of novel acidic ionic liquid [BBSA-DBU][HSO₄] and its catalytic activities for synthesis of pyrazolopyranopirimidine derivatives .

Megha Patil S. SHINDE, S. DAMATE, and S. PATIL *Asian Journal of Chemistry*, 2018, 30 (5), 961-966.

Impact factor 0.140

6. Calotropis gigantea leaf derived ZnO nanoparticles: A green protocol for rapid synthesis of 2-amino-4*H*-chromene derivatives

Megha Patil Sachin 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

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

Sachin Shinde, **Megha 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

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

Megha Patil Sachin 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

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 2nd International Conference on “**Integrative Approach in Environmental and Applied Sciences**” (IAEA-2019) on 08th Feb. & 09th Feb. 2019 at Baha'i Academy, Panchgani, Dist. Satara, Organized by PDVP Mahavidyalaya, Tasgaon, Dist. Sangli, Maharashtra.

3. International E-Conference on “***Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World***” on 15th to 17th May 2020 organized by Gov. of Maharashtra, Gov. Vidarbha Institute of Science & Humanities, Amaravati, Maharashtra.
4. International E-Conference on “**Cutting Edge Smart Materials & Nanotechnology (ICCESMN-2020)**” on 20th & 21st 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. Participated in National conference on “**New Horizon in Applied Sciences**” **Sept2012** organized by Sharad Chandra 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 “**Frontiers in Agrochemicals and Pest Manangement-2015**” (**FAPM-2015**) organized by Department of Agrochemicals and Pest Management, Shivaji University, Kolhapur, Maharashtra.
6. Participated in teaching training workshop on “**Understanding Climate Change & Sustainable Development Goals for Safer Planet and a Sustainable Future**” on 16th **Jan. 2019** at organized 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)

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Megha Patil', written over a light blue rectangular background.

(Dr. Megha Uday Patil)

