

## CURRICULUM VITAE

### **Mr. Amardeep Ramprasad Jadhao**

Assistant Professor

Department of Chemistry

Late Pushpadevi Patil Arts and Science College, Risod,

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#### ➤ **PERSONAL PROFILE**

Date of Birth : November 11, 1987  
Date of Appointment : December 03, 2019  
Qualification : M.Sc., SET, Ph. D (Regd. in Chemistry)  
Marital Status : Unmarried  
Nationality : Indian  
Gender : Male  
Religion : Buddhist (SC)  
Blood group : B +ve

#### ➤ **EDUCATION**

I am registered as **Ph.D.** student (**Chemistry**) in August-2016 under the guidance of Prof. S. B. Waghmode, Organic Division, Department of Chemistry Savitribai Phule Pune University, Ganeshkhind Pune (MS).

#### ➤ **ACADEMIC CREDENTIAL**

Qualification	Board/University	% Obtained	Class	Year of Passing
Ph. D	Dept. of Chemistry, S.P.P.U. Pune	--	--	Since 2016
M. Sc	Dept. of Chemistry, S.P.P.U. Pune	63.50	First class	June 2012
B. Sc	S.P.P.U. Pune	83.66	Distinction	June 2010
H.S.C	Amaravati Board	57.33	Second class	June 2006
S.S.C	Amaravati Board	54.53	Second class	June 2003

➤ **TEACHING EXPERIENCE**

September, 2019 to till date                      Assistant Professor, At Present Institution

➤ **RESEARCH EXPERIENCE**

December, 2012 to March, 2012 P. G. Project Student  
(Organic Chemistry Division, NCL, Pune)

February, 2014 to July, 2016                      Project Assistant  
(Department of Chemistry, S.P.P.U. Pune)

August, 2016 till date                              Research Scholar (Ph.D. Student)  
(Department of Chemistry, S.P.P.U. Pune)

December, 2019 to till date                      Assistant Professor  
(At Present Institution)

➤ **RESEARCH INTEREST**

- Development of new synthetic methodology
- Asymmetric Synthesis
- C-H activation
- Bio-catalysis and Organocatalysis

➤ **HIGHLIGHT**

- Experience in handling air-sensitive reagents/reactions, isolation and structural elucidation of organic compounds by spectroscopic methods.
- Knowledge about multi-step Organic Synthesis and various organic transformations in the range of milligrams to gram quantities.
- Plan and conduct the work program for own research contribution, using methodologies and techniques appropriate to the type of research.
- Knowledge about carbon-carbon bond formation, Palladium catalyzed reactions, oxidation reactions, reduction reactions, esterification reactions, formylation reactions etc.
- Experience in all aspects of techniques for isolation, separation and purification of product.
- Searching chemical literature databases for the purpose of understanding the research area like Scifinder, Reaxys.
- Spectroscopic and chromatographic characterization using NMR, IR, mass.
- Technical experience on instruments like GC, UV-Spectrophotometer, HPLC, Combi-Flash, Centrifuge, Incubator, Parr reactor, Sonicator, IR

➤ <b>No. of Seminars / Conferences / Symposia / Workshop attended</b>	<b>= 13</b>
International Conference	= 02
National Conference	= 10
Workshop	= 01
➤ <b>No. of Research paper published in Journals</b>	<b>= 02</b>
National	= 01
International	= 01

➤ **ACADEMIC RESEARCH WORK**

• **Ph. D Work –**

Pursuing Ph. D. at Department of Chemistry, SPPU, Pune under the guidance of Prof. S. B. Waghmode. Ph. D work is entitled as **“Synthesis of biologically active compounds by proline catalyzed  $\alpha$ -amination of aldehydes and bio-transformation catalyzed by Laccase”**.

• **M. Sc. Project Work –**

Project entitled **“C-arylation of  $\beta$ -Carbonyl compounds”** has carried out under the guidance of Dr. S. B. Mhaske at Organic Chemistry Division, National Chemical Laboratory, Pune.

➤ **MEMBER OF PROFESSIONAL BODIES**

1. Life member in Amravati University Chemistry Teachers Association (AUCTA), Amravati (LM No. ---, Dec. 2019).

➤ **CONTRIBUTION IN UNIVERSITY / COLLEGE EXAMINATIONS**

1. Worked as External and Internal Examiner in Practical examination.
2. Worked as invigilator in internal and college tests.
3. Worked as paper setter of class test and practical exam.

➤ **COLLEGE ASSIGNMENTS**

1. Convener : Certificate Course
2. Convener : Green Audit Committee
3. Member : Prospectus and Magazine Committee
4. Member : Student Attendance Committee
5. Member : IQAC Screening Committee
6. Member : IQAC Technical Support

- Convener, Certificate course in soil testing.
- Member, Attendance Committee.
- Member, Prospectus and Magazine Committee.
- Organizing Member of “COVID-19 Pandemic General Awareness Quiz.”
- Organizing Member of “National Chemoco Quize-2020.”
- Organizing Member of International Online Workshop entitled “Nanomaterial Synthesis is Emerging Facet of the World.”

➤ **CONFERENCE / SEMINAR / WORKSHOP ATTENDED/POSTER PRESENTED**

1. Attended **National conference** on “**Next Two Decades of Chemical Sciences and Technology**” organized by Maharashtra Academy of Sciences jointly with NCL pune and Department of Chemistry, University of Pune, Pune. (Sept. 23, 2011).
2. Attended the **National conference** on “**87<sup>th</sup> Annual Session of the Academy (NASI)**”, organized by The National Academy of Sciences, India (Dec.8-10, 2017).  
Attended and Presented Poster at **Interational conference** on “**Interdisciplinary approach in Chemical Research**” organized by S. M. Joshi College Pune. India (Dec.13-14, 2017).
3. Attended **International Session on ACS (American Chemical Society) on Campus** at NCL, Pune. (Feb. 6, 2019).
4. Attended and presented poster at **National Conference** on “**New Dimensions in Chemistry & Chemistry Education and National Convention of Chemistry Teachers**” organized by Association of Chemistry Teachers (ACT), Tata Institute of Fundamental Research (TIFR), Mumbai and Department of Chemistry, S.G.B.A.U., Amravati. (Dec. 5-7, 2019).
5. Attended **21<sup>st</sup> Annual Convention and Seminar on Recent Trends in Chemistry Research** organized at S. S. S. K. R. Innani Mahavidyalaya, Karanja (Lad) organized by Amravati University Chemistry Teachers’ Association. (Dec. 8, 2019).
6. Attended and presented poster in **National Conference** entitled “**Multidisciplinary Research in Science and Technology**” at Shri. Radhakisan Laxminarayan Toshniwal College of Science, Akola, India, (Jan. 24, 2020).
7. Attended and participated in **National Conference** entitled “**National Conference on Current Trends in Chemical Research and Technology**” at Shri Shivaji College Parbhani, India (Feb. 22, 2020).
8. Attended **National Conference** on “**Recent Advances in Chemical Sciences**” at Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Osmanabad (Feb 24, 2020).
9. Completed one week FDP on **Jmole Application** organised by Bajaj College of Science Wardha (May 08-14,2020).
10. Completed UGC Parmarsh Online Faculty Development Programm on “**NAAC Assesment and Accrediation Process**” Organized by Shri Shivaji Science College Parbhani During (May 21 - 26 2020).

11. Participation in online one-day workshop on “**Research Ethics**” Organized by Indraraj Arts, Commerce and Science College Sillod, India (May 10, 2020).
12. Participated in Webinar on “**NAAC Awareness Program for Affiliated Colleges**” Organized by Internal Quality Assurance Cell (IQAC) Shri Shivaji Arts & Commerce College, Amravati (May 22, 2020).
13. Participated in the **International webinar** on “**Nanomaterial Synthesis is an Emergent Facet of the world**” Organized by Late Pushpadevi Patil Arts and Science College Risod Dist. Washim (May 20, 2020).

➤ **PUBLISHED ABSTRACT**

1. At **International conference** on “**Interdisciplinary approach in Chemical Research**” organized by S. M. Joshi College Pune.
2. At **National Conference** on “**New Dimensions in Chemistry & Chemistry Education and National Convention of Chemistry Teachers**” organized by Association of Chemistry Teachers (ACT), Tata Institute of Fundamental Research (TIFR), Mumbai and Department of Chemistry, S.G.B.A.U., Amravati. (Dec. 5-7, 2019)
3. At **National Conference** on “**Multidisciplinary Research in Science and Technology**” organized by Shri. Radhakisan Laxminarayan Toshniwal College of Science, Akola, India, (Jan. 24, 2020).
4. At **National Conference** on “**National Conference on Current Trends in Chemical Research and Technology**” organized by Shri Shivaji College Parbhani, India (Feb. 22, 2020).

➤ **PAPER PUBLICATIONS**

**International**

1. "*Divergent and concise total syntheses of dihydrochalcones: taccabulin A, taccabulin D and taccabulin E*" Amardeep R Jadhao, Kiran F. Shelke, Pramod S. Phatak, Adinath D. Badar, Jankiram B. Devhade. **JETIR**, 7,3,125-127, 2020, ISSN:2349-5162, **IF-5.87**

**National**

1. “*Antimicrobial activity of Chalcone derivatives and their Synthesis*” S. C. Zyate, A. R. Jadhao, N. A. Awajare. International Resreach Fellows Associations RESEARCH JOURNEY special issue-110 (B), Feb-2019, ISSN – 2348-7143, **IF-6.261**

**Honours: -**

- BARTI JRF and SRF (Dr. Babasaheb Ambedkar Research and Training Institute, Pune.)
- RGNF (UGC, Delhi.)
- Mc-Kelvy Fellowship. (Department of Chemistry, S. P. P. U., Pune.)
- Passed CHEMIAD exam conducted by Department of Chemistry, SPPU, Pune.
- 2<sup>nd</sup> Prize in intra Collegiate Science Exhibition, Modern College, GK, Pune.
- 1<sup>st</sup> Prize in Science Quiz, Shri. Shivaji Junior College, Buldhana.

➤ **DECLARATION**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Date:**

**(Mr. Amardeep R. Jadhao)**