Curriculum vitae

Name	**:**	**Dr. Uday Pratap Lad**
Address	**:**	A/P - Kundal, Tal – Palus, Dist – Sangli, Pin – 416309 Maharashtra, India.
Contact	**:**	Mob. 09970274963
E-mail	**:**	as_uday@rediffmail.com

PERSONAL DETAILS

Date of Birth	**:**	02nd Jan 1982
Gender	**:**	Male
Religion	**:**	Hindu
Caste	**:**	Maratha
Marital Status	**:**	Married
Nationality	**:**	Indian
Language proficiency	**:**	Marathi (Mother tongue), English, Hindi

ACADEMIC DETAILS

Examination	University/Board	Date of passing	Marks obtained	Total out of marks	Percent age	Class / Grade
Ph.D. Synthetic Organic Chemistry	Shivaji University, Kolhapur	16 Aug 2010	-	-	-	-
Title of the thesis **'SYNTHETIC STUDIES ON THE DEVELOPMENT OF GREEN METHODOLOGIES AND NATURAL PRODUCTS'**						
Pre-Ph.D. Synthetic Organic Chemistry	Shivaji University, Kolhapur	16 Feb 2008	-	-	-	A
M.Sc. Inorganic Chemistry	University of Pune, Pune	23 July 2004	1333	2000	66.65	Ist
B.Sc. Chemistry	Shivaji University, Kolhapur	09 May 2002	1578	2500	63.12	Ist
H.S.C.	Kolhapur	Mar 1999	374	700	53.42	IInd
S.S.C.	Kolhapur	Mar 1997	442	750	58.93	IInd

AWARDS AND RECOGNITIONS

1. Awarded **Third Prize** for the oral presentation participated in UGC-SAP national symposium on Advances in Synthetic Methodologies and New Materials. (ASMNM-2011) organized by Department of Chemistry, Shivaji University, Kolhapur.

2. **Recognized as a Worldwide Top Ten Most Downloaded Research Article** in the year 2011 Title of the research article is "Lithium tetrafluoroborate catalyzed highly efficient inter- and intramolecular aza-Michael addition with aromatic amines." U.P. Lad, M.A. Kulkarni, U.V. Desai, P.P. Wadgaonkar, *C. R. Chimie*, 2011, Vol.14, 1059–1064

3. **Actively Participated** in Workshop on Microanalysis in Chemistry (WMAC -2009) organized by Department of Chemistry, Shivaji University, Kolhapur.

4. **Worked as a Volunteer** on various organizing committees for workshops, seminars or symposia held at Department of Chemistry, Yashwantrao Chavan College of Science, Karad.

5. Qualified **UGC - PAT (Ph.D. attitude test)** conducted by the University of Pune, Pune in Aug 2005.

6. Awarded with **Certificate of Merit** for the participation in Kho-Kho and for standing winner in order of merit at B.Sc. Level.

7. Qualified the **N.C.C. – Certificate A** examination held in 1996 under the authority of Ministry of Defence, Government of India.

CURRICULAR AND CO-CURRICULAR ACTIVITIES

The deep quest of theoretical study in analytical instrumentation is extended to handle the instruments like Nuclear Magnetic Resonance spectrometer (NMR), Infrared Spectrometer (IR), Gas Chromatograph (GC), High Performance Liquid Chromatography (HPLC) and C, H, N and S analyzer etc. required for sophisticated chemical analysis.

TEACHING EXPERIENCE

Name of the Institution	Designation & Nature of Appointment	Classes taught (PG level)	Total number of years
Yashwantrao Chavan College of Science, Karad.	Assistant Professor (CHB)	M. Sc. I & II B. Sc. I, II & III	**18 Yrs** From Academic year 2004-2005 to 2022-2023

RESEARCH PUBLICATIONS

Status	International Journals	National Journals	University State level Journals	Seminar/ conference/ symposia proceeding etc.	Total
Published	9			6	15
In Press	1				1
Total	**10**	**Nil**	**Nil**	**6**	**16**

Citations	107
h-index	5
i10-index	4

Details of publications in International/National peer reviewed journals (UGC CARE listed)

1 Multicomponent Synthesis of Pyrano (3, 2-c) Quinolone Fused Spirochromenes

Ravindra V. Kupwade, Aparna M. Kulkarni & Uday P. Lad

Polycyclic Aromatic Compounds, 2023, (Article in press)

https://doi.org/10.1080/10406638.2021.2015398

2 Eco-friendly Synthesis of α -Aminonitriles Catalysed by Epzg

Rahul Patil, Shivaji Burungale, Ankush Mali, Uday Lad, Sanjay Jadhav and Uttam More

Der Pharma Chemica, 2022, Vol.14, No.6, 31-37

DOI: 10.4172/0975-413X.14.6.31-37

3 Environmentally Green Synthesis of α-aminophosphonates

Rahul Patil, Shivaji Burungale, Uday Lad, Uttam More

Der Pharma Chemica, 2021, Vol.13, No.11, 46-53

4 Envirocat EPZG as a Heterogeneous Catalyst for the Synthesis of 3,3-disubstituted Oxindoles

Rahul Patil1, Uday Lad, Suresh Shendage and Uttam More

Rasayan J. of Chem., 2020, Vol. 13, No. 3, 1735-1743

http://dx.doi.org/10.31788/ RJC.2020.1335759

5	Synthesis of Xanthenediones by Silica Supported Orthophosphoric Acid (H3PO4·SiO2) Rahul S. Patil, Suresh S. Shendage, Uday P. Lad and Uttam B. More *Asian Journal of Chemistry*, 2018, Vol. 30, No. 10, 2343-2346 https://doi.org/10.14233/ajchem.2018.21498
6	Catalyst-free oxidation of sulfides to sulfoxides and diethylamine-catalyzed oxidation of sulfides to sulfones using Oxone as an oxidant R. V. Kupwade, S. S. khot, U. P. Lad, U. V. Desai, P. P. Wadgaonkar *Research on Chemical Intermediate*, 2017, Vol.43, 6875-6888 DOI 10.1007/s11164-017-3026-0
7	Diethylamine: A smart organocatalyst in eco-safe and diastereoselective synthesis of medicinally privileged 2-amino-4H-chromenes at ambient temperature Makarand A. Kulkarni, Kapil S. Pandit, Uday V. Desai, Uday P. Lad, Prakash P. Wadgaonkar *C. R. Chimie*, 2013, Vol.16, 689–695 http://dx.doi.org/10.1016/j.crci.2012.10.009
8	Mechanistic approach for expeditious and solvent-free synthesis of a-hydroxy phosphonates using potassium phosphate as catalyst Makarand A. Kulkarni, Uday P. Lad, Uday V. Desai, Satish D. Mitragotri, Prakash P. Wadgaonkar *C. R. Chimie,* 2013, Vol.16, 148–152 http://dx.doi.org/10.1016/j.crci.2012.10.009
9	Lithium tetrafluoroborate catalyzed highly efficient inter- and intramolecular aza-Michael addition with aromatic amines U.P. Lad, M.A. Kulkarni, U.V. Desai, P.P. Wadgaonkar *C. R. Chimie*, 2011, Vol.14, 1059–1064 doi:10.1016/j.crci.2011.09.006
10	Synthesis of oximes in aqueous medium using hyamine as ecofriendly catalyst at ambient temperature Uday P. Lad, Makarand A. Kulkarni, Rahul S. Patil *Rasayan J. of Chem.,* 2010, Vol.3, No.3, 425-428

Details of publications in Seminar / Conference / symposia (International/National)

1	Mg-Mn-Al Mixed Metal Oxide Catalyzed Highly Efficient Inter- and Intermolecular AZA-Michael Addition with Aromatic Amines **Uday P. Lad,** Ashwini D. Patil, Ankush V. Mali, Rahul S. Patil, Tukaram J. Shinde *International Conference on Advances in Science and Technology* ***(ICAST-2022)*** Organised by: Rajarshi Chhatrapati Shahu College, Kolhapur, Maharashtra, India.
2	Synthesis of Diethyl Carbonate using Urea and Ethanol over Mn-Mg-Al Mixed Metal Oxide **Uday P. Lad**, Ashwini D. Patil, Rahul S. Patil, Tukaram J. Shinde *National Conference on Advanced Materials in Research and Industries* ***(AMRI - 2022)*** Organised by: Government of Maharashtra, Government college of Arts and Science, Aurangabad, Maharashtra, India.
3	Lithium tetrafluoroborate catalyzed highly efficient inter- as well as intra-molecular Aza-Michael addition with aromatic amines **U. P. Lad**, U. V. Desai, M. A. Kulkarni, D. M. Pore and P. P. Wadgaonkar *UGC-SAP National Symposium on Advances in Synthetic Methodologies and New Materials.* ***(ASMNM-2011)*** Organised by: Department of Chemistry, Shivaji university, Kolhapur, Maharashtra, India.
4	Potassium phosphate catalyzed synthesis of functionalized thioethers **U. P. Lad**, U. V. Desai and M. A. Kulkarni *Advanced Synthetic Methodologies and Fumctional Materials* ***(ASMFM-2009)*** Organised by: Department of Chemistry, Shivaji university, Kolhapur, Maharashtra, India.
5	Microwave assisted one pot synthetic transformation of aldehydes to nitriles **U. P. Lad**, U. V. Desai *International Conference on Advanced Materials* ***(ICAM-2008)*** Organised by: School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Kerala, India.
6	An Efficient synthesis of (±)-Solafuranone **U. P. Lad**, U. V. Desai and T. S. Thopate *UGC-SAP national seminar on synthesis of new materials for industrial applications* ***(2007)*** Organised by: Department of Chemistry and Physics, Shivaji university, Kolhapur, Maharashtra, India.

PARTICULARS OF CURRENT RESEARCH WORK AT PERSONAL LEVEL

I have keen interest in research of Organic Synthetic Chemistry with Heterocyclic synthesis, Enzyme catalysis, Green chemistry, Natural products, Nano medicines and most of the thrust areas of Chemistry. I have completed my Ph. D. work related to the area of organic synthetic chemistry.

At personal level I am eager to explore the interdisciplinary work of Inorganic materials for the catalysis in organic synthesis. In tune with the management study I am also in deep thrust to make interdisciplinary work on Green management.

BOOKS, MANUALS ETC. PUBLISHED OR EDITED

Laboratory manual for B. Sc. and M. Sc. on Microanalysis in Chemistry is under construction.

NAMES AND ADDRESSES TO WHOM REFERENCE MAY BE MADE

1. **Prof. (Dr.) M. M. Salunkhe**
   Secretary, All india Universities Associatin, New delhi.
   Ex. Vice Chancellor, Shivaji University, Kolhapur
   Mob. No. 9922699313

2. **Dr. U. V. Desai,**
   Ex. Professor, Department of Chemistry,
   Shivaji University, Kolhapur. Mob. No. 9890698082

2. **Prof. (Dr). S. R. Patil,**
   Ex. Professor, Department of Chemistry,
   Shivaji University, Kolhapur. Mob. No. 9850092720

3. **Prof. (Dr). P. N. Bhosale,**
   Ex. Professor & Head, Department of Chemistry,
   Shivaji University, Kolhapur. Mob. No. 9420007500

4. **Dr. G. B. Kolekar**
   Professor, Department of Chemistry,
   Shivaji University, Kolhapur. Mob. No. 9423281085