

## *Curriculum Vitae*

**Dr. Kedar Ashok Undale**

**M.Sc. Ph.D. Organic Chemistry**

**Assistant Professor**

**Department Of Chemistry**

**Vivekanand College, Kolhapur**



Permanent Address:

“Anandi” 167/2, Plot A1,

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Shantinagar, Pachgaon,

Kolhapur, Maharashtra

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### **Personal Details:**

Date of Birth : 29<sup>th</sup> July, 1984  
Gender : Male  
Nationality : Indian  
Caste-Subcaste : Hindu-Shimpi  
Blood Group : “A” +ve  
Marital status : Unmarried

### **Educational Qualifications:**

Degree/ Course	University/Board	Subject/Specialization	Year of Passing	Marks/Class
Ph.D.	Shivaji University, Kolhapur	Organic Chemistry	Oct. 2011	--
M.Sc.	Shivaji University, Kolhapur	Organic Chemistry	Apr. 2007	68.00 % I <sup>st</sup> Class
B.Sc.	Shivaji University, Kolhapur	Chemistry	Apr. 2005	78.84 % I <sup>st</sup> Class with Dist.
H.S.C.	Kolhapur Board	Physics, Chemistry, Biology	Feb. 2001	73.00 % I <sup>st</sup> Class
S.S.C.	Kolhapur Board	Languages, Science, Social science, Maths	March 1999	73.33 % I <sup>st</sup> Class

- Doctor of Philosophy, Organic Chemistry January 2009- October 2011  
Ph.D. Degree Awarded on 03<sup>rd</sup> Oct 2011  
Dept. of chemistry, Shivaji University Kolhapur, Maharashtra, India.  
Title: **“Organic Transformations Involving Carbonyl Compounds as Precursor”**  
Under the guidance of  
**Dr. D. M. Pore (M.Sc., Ph.D.)**  
Assistant Professor in Organic Chemistry  
Department of Chemistry  
Shivaji University Kolhapur, Maharashtra, India
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**Research Thrust area:**

1. Organic Synthesis, Catalysis
2. Heterocyclic Synthesis and Applications
3. A Green Chemistry approach for Organic transformation

**Other Achievements:**

- Junior Research Fellow from UGC New Delhi, India.  
April 2008-March 2011

### List of Publications:

1. "Potassium phosphate catalyzed efficient synthesis of 3-carboxycoumarins".  
K.A. Undale, T.S. Shaikh, U. V. Desai, D. S. Gaikwad, D.M. Pore  
*Indian Journal of Chemistry Section B: Organic and Medicinal Chemistry* 51  
(2012) 1039-1042.
2. "One-pot multi-component synthesis of polyhydroquinolines at ambient temperature".  
K.A. Undale, T.S. Shaikh, D. S. Gaikwad, D.M. Pore *C. R. Chimie* 14 (2011)  
511-515.
3. "An Efficient Multi-component Synthesis of (2-Amino-3-cyano- 4H-  
chromen-4-yl) phosphonic Acid Diethyl Ester".  
D. S. Gaikwad, K.A. Undale, T.S. Shaikh, D.M. Pore *C. R. Chimie* 14 (2011)  
865-868.
4. "Envirocat EPZ-10: An Efficient Catalyst for The Synthesis of 3-  
acetoacetylcoumarins".  
T.S. Shaikh, K.A. Undale, D. S. Gaikwad, D.M. Pore *C. R. Chimie* 14 (2011)  
987-990.
5. "A green protocol for catalyst-free synthesis of 1-oxo-  
hexahydroxanthenes in aqueous medium".  
T.S. Shaikh, K.A. Undale, D. S. Gaikwad, D.M. Pore *C. R. Chimie* 13  
(2010) 1429-1432.
6. "Green access to Synthesis of Novel Spiropyranopyranozoles".  
P. B. Patil, K. A. Undale, D. S. Gaikwad, J. D. Patil, P.G. Hegade, D.M.  
Pore *Tetrahedron Letters* 54 (2013) 5876-5878.
7. "Green access to synthesis of Spiropyranopyranopyazole".  
P. G. Hegade, D. S. Gaikwad, P. B. Patil, J. D. Patil, K. A. Undale, D. M.  
Pore *Letters in Organic Chemistry* (2013) Article in press.
8. "Catalyst-free synthesis of Pseudo benzopyranopyrimidines".  
T.S. Shaikh, D. S. Gaikwad, J. D. Patil, P.G. Hegade, P. B. Patil, K. A.  
Undale, D. M. Pore NISCAIR-CSIR, India (2014).
9. "Triton X-100 stabilized Pd nanoparticles and their catalytic application in  
one-pot sequential Heck and Hiyama coupling in water"  
D. S. Gaikwad, K. A. Undale, D. B. Patil, D. M. Pore, A. A. Kamble

Research on Chemical Intermediates, 1-11 (2017)

- 10 “In-situ-generated palladium nanoparticles in novel ionic liquid: an efficient catalytic system for Heck–Matsuda coupling”  
D. S. Gaikwad, K. A. Undale, D. B. Patil, D. M. Pore, S. N. Korade, A. A. Kamble  
Research on Chemical Intermediates, 1-14 (2017)

**Participation in Conferences/ Workshops/ Seminars:**

1. Presented a poster in National seminar on “Advanced Synthetic Methodologies and Functional Materials” 2009 organized by Dept. of chemistry Shivaji University Kolhapur, Maharashtra, India.
2. Attended a National seminar on “Advances in Coordination chemistry” August 2010 organized by Rajarshi Chhatrapati Shahu college, Kolhapur Maharashtra, India.
3. Presented a poster in National seminar on “Applications of Spectroscopic Methods in Chemical Science, (ASMCS-2010)” organized by Arts, science college of Parner, Ahmadnagar, Maharashtra, India.
4. Presented a poster in National seminar on “Advanced Synthetic Methodologies and New Materials” 2011 organized by Dept. of chemistry Shivaji university Kolhapur, Maharashtra, India.
5. Poster presented in National Conference on “Recent Trends in Organic Synthesis” Feb-2011 organized by Bhartidasan University, Tiruchirapalli, Tamilnadu, India.
6. Attended a National conference on “Current Research in Chemical Sciences” Jan 22 & 23 2013, organized by Dept. of chemistry Shivaji university Kolhapur, Maharashtra, India.

**Declaration:**

I hereby declare that particulars in the resume are correct to the best of my knowledge. Thank you for pursuing my personnel information.

Yours faithfully

Dr. K. A. Undale