

## CURRICULUM VITAE



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Assistant Professor,  
Department of Chemistry,  
P.D.E.A.'s  
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### Personal Details

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Date of Birth September 23<sup>rd</sup>, 1980

Marital Status Married

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### Educational Qualification

<b>Examination</b>	<b>Board/University</b>	<b>Year of Passing</b>	<b>Percentages/Grades</b>
CSIR-NET	UGC-CSIR	June-2003	Lectureship
M.Sc.	Pune University	May-2003	59.30%
B.Sc.	Pune University	April-2001	64.13%
HSC	Maharashtra Board	March-1998	64.33%
SSC	Maharashtra Board	March-1996	72.00%

## **Research work**

### **1. Project during M.Sc. (Dec. 2002 to Feb. 2003)**

Synthesis of Naturally occurring and biologically active 1-(3'-methoxy propanoyl),2,4,5-trimethoxy benzene under the guidance of **Dr. M.V.Paradkar**. I was taught Referencing during this period.

### **2. Worked as a “Research Trainee” at M.E.S.’s Centre for Product Development and Analytical Testing for seven months (1<sup>st</sup> Oct 2003 to 24<sup>th</sup> April 2004)**

During this period I worked on various reactions such as different types of Oxidations and Reductions (using ammonium formate and 5% Pd/C etc.), acid and base catalysed condensations and later on was able to prepare dry solvents for different reactions and carry out those reactions. After this I was able to handle reactions involving use of LAH, SBH, NBS etc.

### **3. Worked as a “Trainee Chemist” in Deepak Nitrite ltd. Pune. (26<sup>th</sup> April, 2004 to 23<sup>rd</sup> August, 2004)**

Initially I worked under guidance of Dr. Phadke on oxidation of Acetyl Furan for about 2 months and then started working on reduction of Nitro compounds in Autoclave under high pressure using Hydrogen gas and a Pd/C catalyst under Dr. Divekar.

### **4. UGC sanctioned Minor Research Project (2014 onwards)**

Presently I am working UGC sanctioned Minor Research Project titled “**Synthesis and Biological evaluation of novel triazole derivatives as inhibitors of cytochrome P450 14 $\alpha$ -demethylase (CYP51)**”

## Academic work

1. Worked as a lecturer in Chemistry at P.D.E.A.'s Baburaoji Gholap College, Sangvi, Pune (17<sup>th</sup> August 2004 to 10<sup>th</sup> August 2005)

Sr. No.	Academic Year	Practicals / Theory	Class	Subject
1	2004-05	Practicals	F. Y. B. Sc.	F. Y. B. Sc. Practical Chemistry
		Theory	T. Y. B. Sc.	Industrial Chemistry

2. Presently working as an Assistant Professor in Chemistry at P.D.E.A.'s Waghire College, Saswad, Purandar, Pune. (From 11<sup>th</sup> August 2005)

Sr. No.	Academic Year	Practicals / Theory	Class	Subject
<b>Undergraduate</b>				
1	2005-06, 2006-07, 2007-08, 2008-09	Practicals	F. Y. B. Sc.	F. Y. B. Sc. Practical Chemistry
			T. Y. B. Sc.	Physical Practical Chemistry (2005-06)
				Organic Practical Chemistry (2008-09)
		Theory	T. Y. B. Sc.	Industrial Chemistry
			S. Y. B. Sc.	Physical Chemistry (half theory) (2006-07)
2	2009-10 to 2016-17	Practicals	F. Y. B. Sc.	F. Y. B. Sc. Practical Chemistry
			S. Y. B. Sc.	S. Y. B. Sc. Practical Chemistry (2013-14, 2016-17)
		Theory	T. Y. B. Sc.	Analytical Chemistry Environmental Chemistry

<b>Postgraduate</b>				
1	2007-08	Theory	M.Sc. (I)	Organic Chemistry (CH-150)
2	2009-10	Theory	M.Sc. (I)	Organic Chemistry (CH-150)
3	2013-14	Theory	M.Sc. (II)	Heterocyclic Chemistry (CH-340)

### **Computer Knowledge**

1. MS-Office,
2. Passed MS-CIT exam,
3. ChemDraw, ACD labs Chems sketch (software for structure drawing) etc.

### **Interests**

Medicinal Chemistry, Synthetic Organic Chemistry, Catalysis, Organometallic Chemistry.

(Gajendra M. Ahiwale)