

## Faculty Profile

1. Name of the faculty: **Dr. Jagdale Amarnath Nivrutti**
2. Name of the Department: **Chemistry**
3. Educational qualifications: **M.Sc., Ph. D.**
4. Present position: **Associate Professor**
5. Address for correspondence: **Western Apartment, Flat No. 02 Ward-7, Thatte Ground, Shirampur, Dist. Ahmednagar**
6. E-mail and contact number: **an\_jagdale@yahoo.com**
7. Specialization: **Inorganic Chemistry**
8. Total teaching experience: **28 Years**
9. Courses taught: **B. Sc. ( Inorganic Chemistry), M.Sc. (Inorganic Chemistry)**
10. Research experience: **15 Years**
11. Minor research projects completed:
12. . Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS.

<b>Sr. No.</b>	<b>Authors title of the paper</b>	<b>Name of journal /Year/Vol./Page Nos.</b>	<b>ISSN No.</b>	<b>Impact factor/h-index</b>	<b>National /International</b>
1	” A. S. Munde <sup>‡</sup> , A.N. Jagdale <sup>†</sup> , S. M. Jadhv, and T. K. Chondhekar*, Synthesis and Characterization of Some Transition Metal Complexes of Unsymmetric Tetradentate Schiff Base Ligand	Journal of the Korean Chemical Society, Vol.5. No.4 pages 407- 414 (2009).	1	” A. S. Munde <sup>‡</sup> , A.N. Jagdale <sup>†</sup> , S. M. Jadhv, and T. K. Chondhekar*, Synthesis and Characterization of Some Transition Metal Complexes of Unsymmetric Tetradentate Schiff Base Ligand	Journal of the Korean Chemical Society, Vol.5. No.4 pages 407- 414 (2009).
2	Achut s.	Journal of the	2	Achut s.	Journal of the

	Munde <sup>1</sup> , Amarnath N. Jagdale <sup>2</sup> , Sarika. M. Jadhav <sup>3</sup> , and Trimbak K. Chondhekar <sup>3*</sup> “Synthesis , Characterisation and thermal study of some transition metal complexes of an asymmetrical tetradentate Schiff Base Ligand”,	Serbian Chemical Society, Vol.75 (3).No.4 pages 349- 359(2010).		Munde <sup>1</sup> , Amarnath N. Jagdale <sup>2</sup> , Sarika. M. Jadhav <sup>3</sup> , and Trimbak K. Chondhekar <sup>3*</sup> “Synthesis , Characterisation and thermal study of some transition metal complexes of an asymmetrical tetradentate Schiff Base Ligand”,	Serbian Chemical Society, Vol.75 (3).No.4 pages 349- 359(2010).
3	Kishore N. Koinkar <sup>a</sup> and Amarnath N. Jagdale <sup>b</sup> ‘Green House Gases and Global Warming’	Applied Research and Development Institute Journal, PDFARDJI [PRINT CHEM TECH] 7 * (2);PP- 69(2013).	3	Kishore N. Koinkar <sup>a</sup> and Amarnath N. Jagdale <sup>b</sup> ‘Green House Gases and Global Warming’	Applied Research and Development Institute Journal, PDFARDJI [PRINT CHEM TECH] 7 * (2);PP- 69(2013).
4	Thermal behaviour of copper (II) and nickel (II) complexes of 2- amino-6- substituted benzothiazoles” A.N. Jagdale, A.S. Munde and T.K. Chondhekar,	Paper is presented in 43 <sup>rd</sup> , Annual Convention of Chemists, Organised by Indian Chemical Society, Kolkata-700,009 in Dec-23 <sup>rd</sup> to 28 <sup>th</sup> , 2006.	4	Thermal behaviour of copper (II) and nickel (II) complexes of 2- amino-6- substituted benzothiazoles” A.N. Jagdale, A.S. Munde and T.K. Chondhekar,	Paper is presented in 43 <sup>rd</sup> , Annual Convention of Chemists, Organised by Indian Chemical Society, Kolkata- 700,009 in Dec-23 <sup>rd</sup> to 28 <sup>th</sup> , 2006.

13. Minor research projects completed:

Sr. No.	Title of the project	Date of sanction and duration	Grant received	Funding agency	PI or Co-PI
1	1) Completed Minor Research Project entitled "Synthesis and characterization of some bioactive Schiff bases" Rs. sanctioned by the Director, BCUD,	July, 2010 Two Years	150000/- (Rupees one lack fifty thousand only)	BCUD Pune University Pune	Dr. A . N. Jagdale
2	Minor research project entitled "Study on water quality parameters of Ujani dam back water in Pune district	March-2012 Two Years	95000/-	UGC New Delhi	Dr. A .N. Jagdale

14. Number of students awarded M. Phil/Ph.D. degree.

Sr. No.	Name of the student	Topic of research	Date of registration	Date of declaration of M. Phil degree
1	Mr. S. M. Jagdale	Synthesis of flavones and their characterizations.	July 2010	Aug. 2012
2	Mr. K. N. Koinkar	Physicochemical studies of benzothiazole compounds	March 2011	June 2013

15. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

➤ **Full length Papers published in Conferences**

Sr. No.	Title with page Nos.	Details of Conference Publication	ISSN/ ISBN No.	Level
1	2 <sup>nd</sup> International Conference on Emerging Trends in Chemical Sciences (Poster presentation).	Nov. 2 <sup>nd</sup> – 4 <sup>th</sup> , 2012, Solapur University	-	International
2	New Horizon in Applied Sciences for Chemists (Oral paper presentation)	Lonand - Sept. 14 <sup>th</sup> -15 <sup>th</sup> , 2012	-	National
3	Role of Green Chemistry in Environmental Pollution (Oral	Kada ,Dec. 21 <sup>st</sup> -	-	National

	paper presentation)	22 <sup>nd</sup> 2012		
4	Natural Resource Management (Oral paper presentation)	Jamkhed, Mar.5 <sup>th</sup> -6 <sup>th</sup> , 2012	-	National
5	National Conference on Opportunities and Challenges in Higher Education (Oral paper presentation)	Pune, Nov.30 <sup>th</sup> to 2 <sup>nd</sup> Dec.2011.	-	National
6	Advances in Material Chemistry	Aurangabad, University, Feb. 28 <sup>th</sup> -29 <sup>nd</sup> , 2011.	-	National
7	Recent Trends In Chemistry (Poster presentation).	Y.C. Institute of Science, Satara, Oct. 14 <sup>th</sup> -15 <sup>th</sup> , 2012.	-	National
8	“Need of the Total Quality in Higher Education and Research”	Proceedings- National Conference on Opportunities and Challenges in Higher Education, pp-265-270. (2011).	--	National
9	“Synthesis and spectral studies of some novel first transition series metal complexes with 2- amino-6- substituted benzothiazoles”	in 43 <sup>rd</sup> , Annual Convention of Chemists, Organised by Indian Chemical Society, Kolkata-700,009 in Dec-23 <sup>rd</sup> to 28 <sup>th</sup> , 2006.	--	National
10	Amarnath N. Jagdale, National seminar on “New Horizon in Applied Science”,organised by Sharadchandra Pawar Mahavidyalaya Lonand, Analysis of Ujani Dam back water in Pune Dstrict and supply of safe drinking water at affordable cost.	Abstract is given on p-41, (2012).	--	National

11	Amarnath N. Jagdale National Conference on Recent trends in Chemistry, organized by Y.C. Institute Satara, poster presented by Rain water harvesting is the genuine necessity of mankind .	Proceeding p-06, NCRTC (2010).	--	National
12	Amarnath N. Jagdale "National seminar on Role of Green Chemistry in Environmental Pollution" organized by Anandrao Dhonde A.S. and C. College Kada, Green House Gas Effect and Global Warming.	Abstract on P-39,(2012).	--	National

➤ **Paper Presented in Conference/Seminar etc.**

Sr. No.	Title of the paper presented	Title of Conference / Seminar	Organized by	Level
1	Water Quality Assessment and its Role in Environment. (Oral paper presentation)	National conference on water quality management.	Women College, Aurangabad, Feb. 27 <sup>th</sup> -28 <sup>th</sup> , 2006	National
2	Physicochemical studies of some bezothiazole comounds	Innovation 2008-09 (Poster presentation).	K.T.H.M.College Nashik, Nov.10 <sup>th</sup> -11 <sup>th</sup> -2008.	University
3	Synthesis and study of biological activities of compounds containing O, N, and S .	Innovation 2007-08 (Poster presentation),.	University of Pune, Nov.19 <sup>th</sup> -20 <sup>th</sup> -2007.	University
4	College- Industrial Relationship	-	Shri Chhatrapati Shivaji College Shrigonda- Jan18 <sup>th</sup> -19 <sup>th</sup> 2008.	State
5	Recent trends in Chemistry	-	D.P.M.Karjat, Dist- Ahmednagar, Mar19 <sup>th</sup> -20 <sup>th</sup> 2010.	Regional

16. Innovative processes developed in teaching and learning. PPTs, Study material, video lectures etc.: **Prepared PPTs for B.Sc. M. Sc-I classes.**
17. Participation in curricular development: BOS Member of Inter disciplinary sciences, University
18. Participation in co-curricular and extra-curricular activities- District convener for UG Pratical examinations conducted by SP Pune University, Pune.
19. Refresher/Orientation/Faculty development Programme / short term courses attended

Sr. No	Name of programme	Place	Duration	Sponsored Agency
1	Orientation programme	Pune	10 <sup>th</sup> Jan. - 06 <sup>th</sup> Feb. 1992	UGC New Delhi and University of Pune
2	Refresher course	Pune	16 <sup>th</sup> May - 12 <sup>th</sup> Jun. 1995	UGC New Delhi and University of Pune
3	Refresher course	Pune	27 <sup>th</sup> Aug. - 18 <sup>th</sup> Sept., 1997	UGC New Delhi and University of Pune
4	Refresher course	Pune	Mar.28 <sup>th</sup> - Apr- 24 <sup>th</sup> , 2000	UGC New Delhi and University of Pune
5	Faculty Development Programme	Ahmednagar	17 <sup>th</sup> Dec.- 22 <sup>nd</sup> Dec. 2014	UGC and Ahmednagar College, Ahmednagar

20. Examination /Evaluation reforms initiated: Syllabus restructuring etc.-

1. Restructuring and Finalizing of F.Y.B. Sc. Chemistry Syllabus. Pune. Jan.13<sup>th</sup>, 2012.
2. Restructuring of S.Y.B.Sc. Chemistry Syllabus., Ahmednagar, Jan. 16th. 2009.

21. Conferences ,seminars, symposia and workshops organized as convener/coordinator:

Sr. No.	Name of Conference/ Funding agency/	Place and Dates of conference	Position held	National/ International
1	Green Approach in Life Sciences sponsored by BCUD Pune University pune	Dada Patil Mahavidyalaya Karjat, Dist- Ahmed nagar  26 <sup>th</sup> and 27 <sup>th</sup> August, 2016	Coordinator	National
2	Disaster management in laboratories for non-teaching staff and students and lab safety,sponsored by UGC New Delhi	Dada Patil Mahavidyalaya Karjat, Dist- Ahmed nagar'  15 <sup>th</sup> and 16 <sup>th</sup> January, 2016	Coordinator	National
3	Seminar on NET/SET examinations	Maharaja Jivajirao Shinde Mahavidyalaya , Shrigonda, Dist- Ahmed nagar, 22 <sup>nd</sup> –Dec. to 23 <sup>rd</sup> Dec.2016	Coordinator	State Level

**22) Any other:**

- i) Recognized as Extra Mural Studies Teacher by University of Pune.
- ii) Chairman of Research Committee, Maharashtra Vivek Vahinee.
- iii) Delivered lectures at various colleges on “Global Warming, Scientific Attitude, Water and Health, and Rain Water harvesting.
- iv) Received ‘State Level Shikshak Karaya Gaurav Puraskar for Eradication of Superstition from Marathwada, Andhashradhha Nirmulan Samittee Aurangabad dated 28<sup>th</sup> Nov. 2002.