

## Resume



Name **Dr. G. B. Andhale**  
Designation Assistant Professor & Head  
Qualification M.Sc. Ph.D., NET CSIR-JRF, SET  
Subject Chemistry  
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### Academic Qualification

Examinations	Board/University	Year of passing	% of Marks Obtained	Division/Class/grade
B.Sc.	BAMU Aurangabad	2007	1593/2400 = 66.37 %	First
M.Sc.	BAMU Aurangabad	2009	888/1200 = 74.00%	First
NET-	UGC -.Delhi	2010	AIR- 185 CSIR-JRF	--
SET-	Pune University	2010	107/200	--
Ph.D.	SGBAU	2019	--	--
Ph.D. Guide	SGBAU	2021	--	--

### Membership:

- Life member of Nagpur University Teachers Association.
- Life member of Amravati University Chemistry's Teachers Association.
- Managing Committee Member of Amravati University Chemistry's Teachers Association.

**Academic Staff College Orientation / Refresher course attended:**

No.	Name of the course/ Summer school	Place	Duration	Sponsoring agency
1	Orientation course	ASC BAMU Aurangabad	01/07/2014 to 28/07/2014	UGC New Delhi
2	Faculty development programme on entrepreneurship development	Sant Gajanan Maharaj Engineering College, Shegaon.	12/12/2013 to 24/12/2013	AICTE New Delhi
3	Refresher course	ASC SGBAU, Amravati	17/11/2015 to 07/12/2015	UGC New Delhi
4	Refresher course-online	Online Course Offered by Guru Tegh Bahadur Khalsa College, Delhi	01/11/2018 to 28/02/2019 Exam Date: 30/03/2019	Swayam Online Courses HRD Ministry Govt. of India.
5	Refresher course- Online	Online Course Offered by Guru Tegh Bahadur Khalsa College, Delhi	01/09/2019 to 31/12/2019 Exam Date: 16/02/2020	Swayam Online Courses HRD Ministry Govt. of India.
6	Short Term Course	ASC SGBAU, Amravati	25/10/2021 to 30/10/2021	UGC New Delhi
7	Short Term Course	AICTE training and Learning Academy	8/11/2021 to 12/11/2021	AICTE New Delhi

**Research Papers Published in Journals**

S.N.	Title With Page No.	Journal	ISSN / ISBN No.	Whether peer reviewed Impact Factor, if any
1	Synthesis of 5-(Substituted phenyl) -5-(substituted benzyl)-2-substituted Hydantion Pg. No.	International journal of Chemical Science 10(4), 2012, 2179-2183	ISSN 0972-768X	Yes

2	Green approach to the synthesis of $\alpha,\beta$ unsaturated ketimines.  Page No.	International Journal Vidyavarta	ISSN-2319 9318	Yes
3	Thermodynamic study of some substituted Schiff's Bases at different concentration in 70% (Dioxane+water) solvent by viscometrically. Pg.No. 608-612	Aayushi International Interdisciplinary Research Journal (AIIRJ)	ISSN 2349-638x	Yes Impact Factor 4.574
4	Study of metal ligand and proton ligand stability constants of Ba (II), Sr(II), Ni(II) and Cu(II) with unsaturated ketimines by pH metrically. Pg. No. 592-594	International Journal of researches in biosciences, agricultures and technology	ISSN- 2347-517X Online	Yes
5	Refractometric Study of Substituted Ketimines Under Different Concentration in DCM-Water Mixture at 308K Pg. No. 102-107	Research Jaourney International E- Research Journal	ISSN- 2348-7143	Yes Impact Factor- 6.261
6	Studies in ultrasonic parameters of aromatic substituted ketimine drugs under different concentration in 75 % dichloromethane (DCM)-water mixture at $303 \pm 1$ K. Pg. No. 435-440	International journal of research and analytical reviews(IJRAR)	E-ISSN 2348-1269 P-ISSN 2349-5138	Yes Impact factor- 5.75
7	Studies in Interaction Between Bivalent Transition and Alkaline Earth Metal Ions with Substituted Ketimine Drugs Under 75% Dichloromethane (DCM) -Water Mixture at $302 \pm 1$ K pH Metrically. Pg. No. 170-176	International Journal of Advanced Scientific Research and Management	ISSN- 2455-6378	Yes Impact Factor- 4.265
8	Kinetics and themodynamics of oxidation of DL- ornithine by tributylammoniumchlorochromate in acid medium Pg. No.	Review of Research	2249-894X	Impact factor 5.7631
9	Adverse effect of fertilizers on ground water quality and human health: A bird eye view Pg. No.	Journal Our Heritage	0474-9030	Impact factor 6.8
10	Studies In Proton Ligand And Metal Ligand Stability Constants Of Substituted Ketimines With Transition	Journal Our Heritage	0474-9030	Impact factor 6.8

	And Alkaline Earth Metals In 75% DCM-Water Mixture At 29°C. Pg. No.			
11	Studies in ultrasonic parameters of aromatic substituted ketimine drugs under different concentration in 75 % dichloromethane (DCM)–water mixture at 303±1 K. Pg. No. 435-440	International journal of research and analytical reviews(IJRAR)	E-ISSN 2348-1269 P-ISSN 2349-5138	Yes
12	Concentration Dependant Molecular Interaction of Substituted Ketimine Drugs in 75% Dichloromethane (DCM)-Water Mixture at 308±1 K. Pg.No. 136-139	International Journal of innovative research in multidisciplinary field Special issue 21 Jan. 2021	2455-0620	Yes
13	Jone's Doles equation and molecular interaction studies of 1-phenyl-3-[4-(2-ethylimino-4-phenylimino-1,3,5-dithiazino) amino phenyl]prop-2-ene-1-one Pg.No. 28-30	B.Adhar international Peer reviewed Indexed Research Journal Issue 287 (CCLXXXV)	2278-9308	Yes
14	Oxidation of L-threonine by tributylammonium chlorochromate in acid medium : A kinetic and mechanistic study Pg. No.	Journal of The Maharaja Sayajirao University of Baroda.	0025-0422	Yes
15	Studies in solute-solute and solute solvent interaction of some substituted ketimine drugs in 75% dichloromethane water mixture under different temperature by viscometric technique Pg. No. 89-93	International journal of advanced research in science communication technology	2581-9429	Impact factor 5.7
16	Physicochemical analysis of drinking water and agricultural water in village Deulgaon Mahi Tq. Deulgaon Raja Dist. Buldhana	Journal emerging technologies and innovative research vol. 9 issue 5, May. 2022 page 370-375	2349-5162	Yes
17	Assessment of agricultural soil quality of village Sav. Tq. Dist. Buldhana	Journal emerging technologies and innovative research vol. 9 issue 5, May. 2022 page 165-170	2349-5162	Yes
18	Analysis of water used for drinking and	Journal emerging	2349-5162	Yes

	irrigation purpose of village Pokhari Ta. Dist. Buldhana	technologies and innovative research vol. 9 issue 5, May. 2022 page 456-462		
19	Synthesis of Substituted Pyrazole using Ionic Liquids	International Journal of Scientific research in Science and Technology. Oct. 2022, Page No. 243-249	2395-6011	Yes
20	Determination of Acoustical Parameters of Glucose and its Fe(III) Metal Complexes by Ultrasonic Technique	International Journal of Scientific research in Science and Technology. Oct. 2022, Page No. 8-17.	2395-6011	Yes
21	Evaluation of acoustical Parameters of some substituted Ketimines Under % composition in 75% dichloromethane Water Mixture at 30°C.	International Journal of Scientific research in Science and Technology. Dec. 2022, Page No. 94-99	2395-6011	Yes

### Research Papers Presented in Conferences

S.N.	Invited Talk/ Paper presented	Title of Conference / Seminar	Event Organized by	Whether International / National Level
1	Study of water quality of Chikhali Town of Buldhana District in Maharashtra, India	Newest development in Chemical Sciences	College of Atrs, commerce & Science Parbhani	National Conference
2	Thermodynamic Study of $\alpha$ , $\beta$ unsaturated ketimines under different concentration in 75% DCM Water solvent by viscometrically	Recent Advances in Chemical Sciences	Shri Shivaji College of Atrs, Commerce & Science Akola	National Conference
3	Paper Presented	National conference on new dimentation in chemistry &	Department of chemistry Sant Gadge Baba Amravati University	National Conference

		chemistry education and national convention of chemistry teachers	Amravati	
4	Synthesis of substituted pyrazoles using ionic liquids	National Conference on Innovations and Challenges in Science and Technology	Department of Chemistry & Botany Kohinoor Arts, Commerce & Science College, Khultabad Dist. Aurangabad.	National Conference
5		<b>Pimpalgaon Kale</b>		
6	Studies in Molar Refraction and Polarizability Constants of Ketimine Drugs under Different % Composition in 75 % DCM-Water Mixture at 308 K by Refractometric Technique.	International Conference on "Emerging Trends in Material Science" dated 9th & 10th November, 2022 jointly organized by	Department of Physics & Chemistry in association with IQAC, D. P. Bhosale College, Koregaon, District-Satara, Maharashtra, India. Certificate ID: ETMS-IC-PP-05	International Conference

### E-Content Development

No.	Topic	Class	Link
1	<b>Dyes:</b> Introduction, Classification, Synthesis, Properties and uses	B.Sc. III Sem. V	<a href="https://youtu.be/bAGF5vspM6k">https://youtu.be/bAGF5vspM6k</a>
2	<b>Drugs:</b> Introduction, Classification, Synthesis, Properties and uses	B.Sc. III Sem. V	<a href="https://youtu.be/aB5m9NaADIO">https://youtu.be/aB5m9NaADIO</a>
3	<b>Pesticides:</b> Introduction, Classification, Synthesis, Properties and uses	B.Sc. III Sem. V	<a href="https://youtu.be/hrrur9TvOEo">https://youtu.be/hrrur9TvOEo</a>
4	<b>Aldehydes</b> Introduction, Structure, Properties, Synthesis, Chemical Reactions	B.Sc. II. Sem. III	<a href="https://youtu.be/dWN9qLpCc0A">https://youtu.be/dWN9qLpCc0A</a>
5	<b>Ketones:</b> Introduction, Structure, Properties,	B.Sc. II. Sem. III	<a href="https://youtu.be/dWN9qLpCc0A">https://youtu.be/dWN9qLpCc0A</a>

	Synthesis, Chemical Reactions		
6	<b>Aromatic Hydrocarbons:</b> Introduction, Aromaticity.	B.Sc. I Sem. I	<a href="https://youtu.be/mhNV6-Vvulg">https://youtu.be/mhNV6-Vvulg</a>
7	<b>Aromatic Hydrocarbons:</b> Structure of Benzene, Synthesis of Benzene, Chemical reactions of Benzene,	B.Sc. I Sem. I	<a href="https://youtu.be/91adraV0I5k">https://youtu.be/91adraV0I5k</a>
8	<b>Aromatic Hydrocarbons:</b> Directing Groups, Activating and Deactivating groups, Effect of substituents	B.Sc. I Sem. I	<a href="https://youtu.be/0aVKfYrnqGQ">https://youtu.be/0aVKfYrnqGQ</a>

**University Examination Work:**

- Co-officer In charge W-2017 Examination
- Officer In charge W- 2022 Examination.
- External Examiner Practical Examination.
- Internal Examiner Practical Examination.
- Paper Valuation of Theory Examination.
- Examination Invigilator Theory Examination.
- In charge of Internal Assessment UG & PG