

## BIODATA

**Full Name:** Anant Sitaram Tekale

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**Permanent Address:** At. Post. Jamb(B.K.)  
Tq.Mukhed, Dist: Nanded-431716  
Maharashtra, India.

**Email:** tananta@rediffmail.com

**Language known:** Marathi, English, Hindi

**Qualification:** M.Sc., M.Phil.,Ph.D (Organic Chemistry)

**Caste:** (Hindu) Maratha

**Date of Birth:** 30<sup>th</sup> June 1971

**Place of Birth:** Jamb (B.K.) Tq- Mukhed, Dist. Nanded-431716

**Designation:** Associate Professor

**Date of Appointment:** 21<sup>st</sup> August 1995

**Teaching Experience:** 27 years at UG level and 11 years at PG level

**Nature of Appointment:** Regular

**Orientation Course:** One (1) 83rd Orientation Program at ASC, Jabalpur from 7/5/2012

**Refresher Course:** One (1) 13th Refresher course at ASC, Aurangabad from 26/9/2006

**One MRP Completed :** One MRP sanctioned by UGC funding agency.

**Educational qualification:**

Degree	Subject	Grade Obtained	University	Year of Passing
B.Sc.	Chem, Bot, Dairy	1 <sup>St</sup>	M.U.A'Bad	1993
M.Sc.	Organic Chemistry	1 <sup>St</sup>	Dr. B.A.M.U, Aurangabad	1995
M.Phil.	Chemistry	1 <sup>St</sup>	Periyar Uni. Salem (T.N.)	2008
Ph.D.	Chemistry		S.R.T.M.U.	Completed

**Research related**

Recognition as a PG teacher in Chemistry under the faculty of Science of Swami Ramanand Teerth Marathwada University, Nanded

**Publications/ Journal Papers:**

1. Research journal of science, ISSN: 2277-8594, Magnesium per chlorate catalyzed Friedlander hetero annulation: a highly efficient synthesis of 2,3,4, tri substituted quinolines, 73-80, D.B. Muley, A.S. Tekale, H.A. Tirpude, D.T. Biradar.
2. International journal of chemical studies, 2015, 2 (5), 22-25, ISSN: 2349-85-28 (print), ISSN:2321-4902 (e-journal), Study the thermodynamics of complex formation of rare earth metal ions with substituted thiazole Schiff base in mixed solvent media, B.N. Muthal, A.S. Tekale.
3. International journal of chemical studies, 2015, 2 (6), 42-45, ISSN: 2277-8594, A highly efficient synthesis of 2-chloro 3-formyl 8-methyl quinoline, Vilsmeier Hack reagent, A.S. Tekale, S.S. Mukhedkar, S.A.L. Shaikh.
4. International journal of chemical studies, 2016, ISSN: 2349-8328, synthesis and characterization of transition metal Ions complexes of schiff- base derived from amino thiazole and their biological activity. Muthal .B.N. ,Raut B.N., Tekale A.S.
5. International journal of chemical studies, 2016, ISSN: 2349- 8528, Evaluation of novel 2-chloro quinoline-3-carbaldehyde derivatives, Tekale A.S., Shaikh SAL, Tirpude H.A.
6. Indotech Publication ISBN: 978-93-83193-50-9, 2015, 55-62, Thermodynamic parameter and stability constant of lanthanide (III) ions complexes of Schiff base and their chemical speciation. Muthal B N ,Raut B N, Tekale A S
7. International journal of chemical studies, 5(1)2017, ISSN: 2349-8528. Synthesis and characterization of substituted quinoline by vilsmeier-Haack reagent. Tekale A.S. and Shaikh SAL.
8. Natural science and Environment. Special issue 91, ISSN 2349-63Bx. 2020. Eminently decisive synthesis of 2-bromo-3-formyl-8-ethyl-1-benzopyridine : Vilsmeier reagent. S.S. Mukhedkar and Tekale A.S.

9. International Journal of Chemical Studies 2022; 10(6): 132-135 .Synthesis and characterization of biological active heterocycle-2-Aminothiazole. Tekale A.S.
10. International Journal of Chemical Studies 2022; 10(6): 136-139.Synthesis characterisation and stability constants of lanthanide (III) ion complexes of schiff base and their chemical speciation.Dr. Tekale A.S.
11. International Journal of Chemical Studies 2021; 9(3): 339-345 .Synthesis of La (III), Ce (III), Sm (III), and Nd (III) inner transition metal complexes of Thiazole ring as a ligand: Spectral, anti-bacterial and anti-fungal studies. Tekale A.S.
12. International Journal of Chemical Studies 2023; 11(1): 164-171. Synthesis, spectroscopic characterization and biological activity of newly formulated thiazole ring containing AS Tekale and BN Muthal.
13. International Journal of Chemical Studies 2023; 11(2): 05-11.Thiazole ring containing lanthanide (III) nitrate metal complexes; synthesis, characterization and biological activity. Tekale A.S.

#### **Conferences/seminars papers**

1. Synthesis, characterization, stability constant and microbial activity of Schiff base and their Co, Ni, Cu and Zn metal chilate, B.N. Muthal, B.N. Raut, A.S. Tekale, Proceedings of ICFMNCC-2015, KBP college, Pandharpur, March 9-11 2015, ISBN:978-81-930740-08, pp-74.
2. Synthesis and characterization of transition metal Ions complexes of schiff- base derived from amino thiazole and their biological activity. Muthal .B.N. ,Raut B.N., Tekale A.S. (ICCPB,2016,PDEA Anna saheb Magar College,Hadapasar,pune.9-10 Feb.-2016.
3. Thermodynamic parameter and stability constant of lanthanide ion complexes of schiff base and their chemical
4. Speciation, B.N. Muthal, B.N. Raut, A.S. Tekale, Proceedings of RCSODHB-2015, Adarh College, Omerga, Jan 23-24 2015, ISBN: 978-93-83193-50-9.
5. Synthesis, characterization, stability constant and microbial activity of Schiff base and their Co, Ni, Cu and Zn metal chilate, A.S. Tekale, B.N. Muthal, ISCBC 2012, Solapur University, Jan 21-24.
6. Thermodynamic parameter and stability constant of lanthanide ion complexes of schiff base and their chemical speciation, B.N. Muthal, A.S. Tekale, ETCS 2012, Solapur University, Nov 2-4 2012.
7. Study the thermodynamics of complex formation of lathenide metal ion with substituted thiazole Schiff bases in mixed solvent media, B.N. Muthal, A.S. Tekale, ICRINT 2013, SRTMUN, Jan 13-15 2015.

8. Synthesis and Evaluation of 2-Aminothiazole Derivative-A. S. Tekale , B.N. Muthal, S. A. L. Shaikh, V.K. Jadhav-International Journal of Universal Science and Technology ISSN: ISSN: 2454-7263 Copyright © Universal Print Volume No. 03, Issue No. 01, Page No. 12-17 Published: Jan. 2018.
9. A Recent review on newly formulated thiazole ring containing schiff base ligand -A.S. Tekale, S.A.L. Shaikh, S.S. Ratnagire, B.N. Muthal-National Conference on Emerging Trends in Chemical Sciences- NCETCS -2019.
10. Synthesis, Biological evolution and Spectral characterization of thiazole ring based new Schiff base ligands- A.S. Tekale, S.A.L. Shaikh, S.S. Ratnagire, B.N. Muthal-International level double blind peer reviewed,referred,indexed research journal-Vol-I issue-01 Jan 2021.

Workshop attended

1. Workshop of New syllabus of UG and PG Chemistry and Allied Subjects by SRTMU Nanded on 26 Sep 2009.
2. Work on Syllabus in Chemistry at UG and PG level by DSM College, Parbhani on 18/11/2008.
3. Workshop in Chemistry for BSc III held at Degloor College Degloor on 7/8/2004.
4. Workshop on scope of syllabus of BSc II held at Science College Nanded on 30Aug2003.

#### **Seminar Attended**

1. Seminar in recent trends in organic chemistry at D.R.B.A.M.U. on 5 Jan1997.
2. Seminar in recent trends in organic chemistry at Mahatma Basweshwar College Latur on 31August 2012.
3. Seminar for Analytical teachers Researchers association Aurangabad on 18 Jan. 2015.
4. Seminar on role of chemical sciences in overall development of human being on 23-24 Jan. 2015at Adarsh College Omerga.
5. Seminar on “Advanced techniques in Chromatography and Spectroscopy” on 20th Jan 2018 at School of chemical science, SRTM University, Nanded, MS.

#### **Conferences attended**

1. 17th International conference on expanding horizon in chemical and biological sciences by Solapur University Solapur on 21-24 Jan 2012.
2. State level conference on recent advances in green chemistry by GC and Dr.B.A.M.U. Aurangabad organized by Vaidyanath College Parali on 12-13 Feb 2010.
3. National conference on recent advancement in study of metal complexes by Science college Nanded on 15-16 March 2008.

4. National Conference on conservation and proper utilization of fresh water and fresh water management in rural and urban areas at Maharashtra Udaygiri College, Udgir, on 28 April 2003.
5. International Conference on functional Materials and nano scale concerns and challenges sponsored by DST New Delhi organized by Dept. of chemistry of K.B.P.College Pandharpur on 9-11 March 2015.
6. 2nd International conference on expanding horizon in chemical and biological sciences by Solapur University Solapur on 21-23 Nov. 2012.
7. International conference on Recent innovations in nano-bio-polymer-pharmaceutical.(ICRNT-2013 at SRTMUN on 13-15 Jan-2013.
8. International conference on Innovative trends in chemical, physical and Biosciences (ITCPB 2016) at 9 and 10 Feb 2016 at Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-28.
9. National conference on “Emerging Trends and Challenges In Synthetic And Nanochemistry” On 11 and 12 March 2016 at Rajarshi Shahu Mahavidyalaya, Latur.
10. National Conference on Modern Perspectives in Chemical Sciences and Research [MPCSR-2018] Tue 30 Jan 2018 at Shri Shivaji College, Parbhani.

**Additional Responsibilities:**

1. Worked as External and Internal Examiner for University practical examination of B.Sc. I, II and III under SRTMU Nanded.
2. Worked as CS, ACS and JCS for University Examination under SRTMU Nanded.
3. Worked in Assessment of B.Sc. I, II and II Chemistry paper (organic).
4. Worked as Chairman of the Flying Squad of University Examination
5. Worked as NSS Program Officer
6. Worked in student disciplinary committee.
7. Worked in Science magazine committee.
8. Member of Chemistry Association.
9. Chairman of Examination committee.

**Dr. Anant S. Tekale**