



1. Personal Information:

Name: Mahesh Babasaheb Auti (M.Sc. NET, GATE)
Dr. S. D. D. Arts College and Commerce and Science College, Wada
(Assistant Professors, Chemistry)
Date of birth: 02/06/1988
Nationality: Indian
Sex: Male
Marital: Married
Language known: Marathi, Hindi, English
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2. Academic qualifications:

Examination passed	University/Board	Year of passing	Marks %	Class
10 th	Maharashtra state Board	March-2005	61.72 %	First class
12 th	Maharashtra State Board	Feb.-2007	56.33%	Second class
B.Sc. (Chemistry)	University of Pune	April-2010	82.16 %	First class
M.Sc. (Organic chemistry)	University of Pune	April-2012	60.00%	First class
NET	CSIR- Delhi.	Dec. 2012	–	–
GATE	I. I. T.- Delhi	Feb. 2013	–	–

3. Academic staff college orientation/refresher/FDP/short term courses:

Name of the Course/ Summer Course	Place	Duration	Sponsoring Agency
Orientation Course	HRDC, Panjab University, Chandigarh	28/04/2016 to 25/05/2016	UGC
Refresher Course in Chemistry	HRDC, Lucknow University, Lucknow.	01/01/2018 to 23/01/2018	UGC
One week FDP on “Applications of ICT in Teaching and Chemical Research”	Guru Angad dev Teaching Learning Center, SGTB Khalsa College, University Delhi under PMMMNMTT of MHRD	06/10/2020 to 10/06/2020	PMMMNMTT of MHRD
Two Week FDP on “Chemistry A Catalyst for Change”	Teaching Learning Centre, Ramanujan College University of Delhi	14/07/2021 to 28/07/2021	MHRD, Teaching Learning Centre, Ramanujan College University of Delhi.
Two week Refresher Course in Chemistry	Teaching Learning Centre, Ramanujan College University of Delhi	30/06/2023 to 14/07/2023	MHRD, Teaching Learning Centre, Ramanujan College University of Delhi.
Two week Refresher Course in Chemistry	UGC, MMTTC, University of North Bengal.	09/12/2025 to 22/12/2025	UGC sponsored

4. Conferences /Workshop/Seminars/Study tour/Professional development activity:

1. Participated in State level Conference on “New Research Trends in Chemistry and its application in Environmental Science” organized by KKHA Arts, SMGL Commerce and SPHJ Science College on 26/02/2016 to 27/02/2016.
2. Participated in workshop on “CBS wise Revised Syllabus for TYBSc. In the subject of Chemistry” jointly organized by Department of Chemistry R.J.College of Arts, Science and Commerce and Board of Studies in Chemistry on 04/03/2016.
3. Participated in a workshop on ‘Online Assessment Orientation’ at A. R. Institute of Engg. And Tech., A. S. Raonagar, Sapgaon, Shahapur on 24/04/2017.
4. Actively participated in 2 Cr. tree plantation programme organized by Forest dept.- Jawhar, Dist.- Palghar on 01/07/2016.

- 5.** Attended and poster presented in the international Conference on IACR 2017 organized by Dept. of Chemistry, S.M.Joshi College, Hadapsar, Pune on 13/12/2017 to 14/12/2017.
- 6.** Participated in National Conference on RDSOC organised by the Dept. of Chemistry, Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole on 29/12/2017 to 30/12/2017.
- 7.** Participated in workshop on “Revised Syllabus for CBCS,SYBSc “ organized by Dept. of Chemistry, Birla College of Arts, Science and Commerce, Kalyan and BOS in Chemistry of University of Mumbai on 14/06/2017.
- 8.** Organizing the CHEMIAD competition organized by Dept. of Chemistry, Savitribai Phule Pune University on 11/02/2018.
- 9.** Working as Presiding Officer- PO, Loksabha Election at 132 Nalasopara on 28/05/2018.
- 10.** Organized one day Industrial Visit to Hindustan Coca-cola Beverages Pvt. Ltd. Kudus, Tal.- Wada, Dist.- Palghar on 21/12/2017.
- 11.** Attend one day sminar on Website Editing and Management organized by IQAC Dr.S.D.D. Arts College and Commerce and Science College, Wada Resource Person; Mr. Borole on 24/09/2018.
- 12.** One day Seminar on Intellectual Property Rights organized by Science Forum Committee and IQAC, Dr. S.D.D. Arts College and Commerce and Science College, Wada on 28/02/2019.
- 13.** Attend workshop on Radio Carbon Dating in a jointly organized workshop department of History and Chemistry, Dr.S.D.D. Arts College and Commerce and Science College Wada on 08/10/2018.
- 14.** Arrange CHEMIAD exam for F.Y.B.Sc. students , organized by University of Pune on 17/02/2019.
- 15.** Attend one day National conference organized by (Dr.S.D.D. Arts College & Commerce & Science College,Wada) on “Nature Resources based sustainable development” with special reference to Tribal Community rights on 19/10/2019.
- 16.** Attend workshop on “Election of Student council” at Mumbai University on 14/07/2019.
- 17.** Delivered lecture for F.Y, S.Y, T.Y. BA/B. Commerce./B.Sc. on election programme of student council on 16/07/2019.
- 18.** Arrange CHEMIAD exam for F.Y.B.Sc. students, organized by University of Pune on 23/02/2019.
- 19.** Organize study tour for T.Y. B.Sc. students to “Pell Tech Health Care Pvt. Ltd on 20/01/2020.

20. Actively participated and attend a seven day FDP sponsored by ICSSR southern region center Ministry of HRDC, New Delhi, On “The Role of a Teacher in nation Building” organized by Dept. of English and IQAC, Keshav Memorial Institution of Commerce and Science on 03/08/2020 to 09/08/2020.

21. Actively participated and attend 3 day FDP training Microsoft team for education programme organized by IQAC (Dr.S.D.D. Arts College and Commerce and science College, Wada) on 04,05,17 Sept 2020.

23. Participated in one day National Webinar on “How to Excel in Higher education in India in the light of NEP 2020”, organized by S.S.T. College of Arts and Commerce , Ulhasnagar in association with Guru Angad Dev-Teaching learning center of MHRD under PMMMNMTT scheme on 26th Oct. 2020.

24. Participated in International conference on “Industry for local and Global competency” organized by Department of Biotechnology, KLE Society S. Nijalingappa College, Bengaluru on 27th and 28th Oct. 2020.

25. Working as member of T.Y.B.Sc. Inorganic Chemistry syllabus Committee (Mumbai University) academic year 2024-2025.

26. Organize Industrial Visit for T.Y.B.Sc. Chemistry Students in Aquila Organics Pvt. Ltd. Gut No. 9(2), 10(2) and 11(2), At/P-Abitghar, Wada. Academic year 2023-2024.

27. Organizing committee member in National Conference on ‘Novel Approches for Well-Being of Society through Science and Technologies’ (NAWSTT- 2025) organize by Dr.S.D.D. Arts College and Commerce and Science College wada.

28. Organize National-level Webinar on “Gas Chromatography”

29. Working as co-convener in National Conference on ‘Recent Developments in Basic and Applied Sciences’ (RDBAS 2024) organize by Dr.S.D.D. Arts College and Commerce and Science College wada.

30. Organize one day webinar on, "Tools and in Techniques Analytical Chemistry "on 30th Oct.2021.

5. Administrative responsibilities:

Sr. No.	College committee name
1	Head of Department of Chemistry
2	Grievance committee
3	Discipline committee
4	Admission committee
5	Examination committee
6	NEP 2020 committee
7	Time table committee
8	Science forum committee
9	Alumni committee
10	Value education committee
11	Student council committee

6. Detail of publications:

Sr. No.	Title of Paper	Journal name, Page no. Vol. no. Year of Publication	ISSN/ISBN No.	Impact factor
1	A Novel Synthesis of 1, 2, 3, 4-tetrahydropyrimidine-5-carbonitrile derivatives as an antimicrobial agent	Russian Journal of General Chemistry, 1070-3632, 2026, Vol. 96. 130	1070-3632, 2026, Vol. 96	1.0
2.	Synthesis and molecular docking of fused thiazolo[3,2-a] pyrimidine carbonitrile analogues as antimicrobial agent.	Russian Journal of General Chemistry , 2026,		1.0
3	Synthesis of metal sulfadoxine complexes and studying their properties	International Journal of Scientific Research in Science and Technology	2395-6011/ 2395-602X	5.32
4	Synthesis and Characterisation of Oxathiepine and its 5 substituted derivatives.	Research Journey,102-107, Issue-338, March 2026	E- ISSN:2348-7143	6.625

5	Synthesis of New 6-cyano-7-imino-5-(Methylthio)-3,7-Dihydro-2H-1,4-Oxathiepine and their substituted derivatives.	Research Journey,111-114, Issue-338, March 2024	E-ISSN:2348-7143	6.625
6	Analysis and Physicochemical Characterisation of Ant Hill Soil.	Research Journey,121-123, Issue-338, March 2024	E-ISSN:2348-7143	6.625
7	Biological Importance of Pyrimidine and its Derivatives: A Mini Review.	Research Journey,131-133, Issue-338, March 2024	E-ISSN:2348-7143	6.625
8	Novel approaches to the synthesis and characterization of Pyrimido-Pyrimidine derivatives	Research Journey, 2348-7143, Issue-352, February 2025.	E-ISSN: 2348-7143	6.625
9	Comparative study on Sodium content in commercial salt samples using Flame Photometry	Research Journey, 2348-7143, Issue-352, February 2025.	E-ISSN: 2348-7143	6.625
10	Design and synthesis of different compounds of Pyrimido[1,2-A] Pyrimidine carbonitrile.	Research Journey, 2348-7143, Issue-352, February 2025.	E-ISSN: 2348-7143	6.625
11	Review: The chemistry Antimicrobial activity of Quinoline-based Heterocycles.	Research Journey, 2348-7143, Issue-352, February 2025.	E-ISSN: 2348-7143	6.625
12	Heavy metal removal from wastewater: Current techniques, challenges and future Perspectives.	Research Journey, 2348-7143, Issue-352, February 2025.	E-ISSN: 2348-7143	6.625

7. **Book published:**

Sr. No.	Title of Book with Page No.	Publisher name with ISSN / ISBN NO.	International / National Publisher
1.	Objective Questionnaire in Chemistry	ISBN 9798367167450	International
2.	Multiple Choice Questions in Chemistry Pages:180	ISBN 9798851505386	International
3.	Recent development in basic and applied sciences	ISSN 2348-7143	International

8. Paper presented:

Sr. No.	Title of Presentation in Academic Session	Title of Conference / Seminar	Mode of Presentation	Name of Organizer	
1	Application of Nanomaterials in Agriculture	National conference on New Trends in Green Chemistry and Environmental Science	Online 08/02/22	Dept. of Chemistry Navgan Shikshak Sanstha Rajuri's Mrs. Kesharbai Sonajirao Kshirsagar alias Kaku Arts, Science & Commerce College, Beed.	National
2	New Synthetic approach of Pyrido [1,2-a] pyrimidine as potent antioxidant agent	International e-conference on Innovation in Science, Technology, Humanities, Management and e-Commerce for Sustainable Rural Development	Online 14/03/22 to 15/03/22	Anand Niketan College of Science, Arts and commerce Ananadwan, Warora, Dist. Chandrapur	International
3	Synthesis of Schiff's bases of different substituted tetrazole [1,5-A] quiniline as potential antimicrobial agents	International e-conference on "Advances in chemical and physical science for sustainable development	Online 28/03/22 to 29/03/22	Loknete Gopinathji Munde Arts, Commerce and Science College Mandangad, Dist.- Ratnagiri	International
4.	The synthesis of new pyrimido thiazols and its derivatives	Bridging chemistry and physics for a sustainable future	Paper presentation (Online)	Loknete Gopinathji munde Arts, commerce and Science college mandangad Ratnagiri	Two day International E-conference
5	The synthesis and characterization of new pyrimido thiazols and its derivatives	Advanced Knowledge in Chemistry (AKS-2025)	Paper presentation	Adarsh Education society's Arts, Commerce and Science College, Hingoli.	One day National
	Synthesis and derivatization of 1-((E)-benzylideneamino)-3-(2(hydroxyimino)-1,2-diphenylethylideneamino)-4-imino-6-(methylthio)-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitrile.	Chemistry Innovation: Current Development, Challenges and Future Perspectives (ICCI-2025).	Paper presentation (Online)	PG and Research Department of Chemistry St. Joseph's College and Bishop Heber College, Tiruchirappalli	Two day International

7	Synthesis and characterization of 4-imino-6-(methylthio)-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitrile.	Empowering the future through Chemistry	Paper presentation	Yeshwant Mahavidyalaya Nanded.	One day National
8	Biological Investigation of Newly Synthesized Thiazolo pyrimidine derivatives.	Recent Trends in Heterocyclic Compounds (RTHC-26)	Paper presentation	Arts, Commerce and Science College, Gangakhed, Dist. Parbhani.	One day National
9	Synthesis, Antimicrobial Activity and molecular Docking Studies of Pyridopyrimidine and Triazolopyrimidine	Science, Society and Rural Development: A Holistic Approach (SSRDHA-2026)	Paper presentation	Late Babasaheb Deshmukh Gorthekar Arts, Commerce and Science Mahavidyalay, Umari.	One day National

9. Invited lectures delivered:

Sr. No.	Name of the College	Title of the Topic	Date	-
01	Late. Abasaheb Kakade Arts and Science College, Bodhegaon, Tal.- Shevgaon	Periodic Table and Periodic Properties	14/02/2018	Affiliated to University of Pune
01	JJJP ACS College, Khardi.	Co-ordination chemistry (CFT)	24/02/2020	Affiliated to University of Mumbai

(Mr. Mahesh B Auti)

Assistant Professor,
Dept. of Chemistry