



Faculty Profile

1. Name : **Dr. Dongare Gajanan Mahadu**
2. Date of Birth : 08-09-1971
3. Present position : **Professor & Head**
4. Qualification : **M.Sc., B.Ed., SET., Ph.D.**
5. Present working : Department of Chemistry,
Shri Shivaji Science & Arts College, Chikhli-443201, Dist. Buldana
M.S. (India).
6. E-mail : infogmdongare@gmail.com, infogmdongare@yahoo.com
7. **Research Platform link** : Orcid ID <https://orcid.org/0000-0002-3986-9796>
8. Affiliated University : Sant Gadge Baba Amravati University, Amravati- 444602.
9. Address for Communication : Plot No 244, Gandhinagar, Chikhli-443201, Dist. Buldana M.S.
(India).
10. Contact Phone : 094227120546 (M)
11. Educational qualification & institutes : **B.Sc.** (Ist Div.), Dr.B.A.M.University,Aurangabad, **1994**
: **M.Sc.** (IInd div), Dr.B.A.M.University, Aurangabad, 1997.
: **B.Ed.** (IInd div), Amravati University, 1996.
: **SET** Pune University as agency of UGC-2000
: **Ph.D. 9.11.2022**, Dept. of Chemistry, SGB Amravati University.
12. Teaching experiences i) UG : 23 Years
13. Research experience ii) PG : 14 Years (since 2013)
14. Evaluation Ph.D. thesis : 02
15. Appointments chronological order:
 1. Lecturer in Chemistry, Maulana Azad Education Society's Aurangabad College for Women, A'bad (04.2.2002-18.01.2005)
 2. Associate Professor in Chemistry, Shri Shivaji Education Society's, Amravati; Shri Shivaji Science and Arts College, Chikhli (19.01.2005-20.6.18)
 3. Shri Shivaji College of Arts, Commerce and Science, Akola (21.6.18 - 17.9.19)
 4. Shri Shivaji Science College, Amravati (18.9.19 - 09.8.21)
 5. Shri Shivaji College of Arts, Commerce and Science Akola (10.8.21 to 31.7.2024).
 6. Shri Shivaji Science & Arts College, Chikhli (1.8.2024 to onward)

16. Area of Research	: Coordination synthesis, Organo Heterocyclic synthesis, Density Functional Chemistry, Molecular Docking, Fluorescence, Thermokinetics.	
17. Research Publications	: 1. Published in National and International Journal	: 15
	: 2. Communicated	: 01
13. No. of students guided	: 1. M.Sc. Chemistry Project	: 15
14. Research Project Undertaken	: UGC Research Project	:01
15. Administrative experiences	: i. Head, Dept. of Chem., Shri Shivaji Science and Arts College, Chikhli (19.01.2010-20.6.18 & 1.8.2024 to onwards)	
16. Member of learned Societies (AUCTA)/Committees	: i. Life member of Amravati University Teacher Association ii. Life member of Indian Science Congress association, (ISCA)L-39157 iii. World Research Association.(WRA) iv. Analytical Chemistry Teachers and Research Association v. Rasayan Journal of Chemistry and Springer Nature, Asian Journal of chemical Sciences. vi. Analytical Chemistry teachers association, Chh. Sambhajinagar	
17. Visit to Abroad	: planned in 26-27	
18. Books Published/edited	: i. A book of B.Sc. II- Sem. IV Chemistry practical (Minor) ii. A text Book of Chemistry- Semester- VI	
19. Member of Academic bodies	: i. Subject expert, ii. V.C nominee for selection committees of home/other Universities. iii. Member of affiliation committee for new college. iv: Worked as Jury, Intercollegiate University level competition	
20. Academic Courses attended Participation	: i. Refresher Courses completed	: 02
	ii. Orientation Course completed	: 01
	iii. Short term Course completed	: 02
	iv. FDP on J-mol workshop	: 01
	v. Workshop participation	: 16
	vi. Seminar	: 01
	vii. e-governance	: 01
	viii.Conferences (National and Intern.)	: 30
21. Invited talks	: National conference Dhule	: 01
22. Execution of other duties	: i. Worked as Executive Member and Coordinator of Buldana Dist.in Amravati University Chemistry teachers Association,	

(AUCTA)

- ii. Worked as moderators on Exam Panel of S.G.B.Amravati University, Amravati.
- iii. Worked as Member for Local Enquiry Committees (LEC) at Washim nominated by Vice-Chancellor of S.G.BAU Amravati.
- iv. Coordinator of Registration and Certificate national Conference committees, NCIRST-2020 at Sri Shivaji Science College, Amravati.
- v. Worked as IQAC member
- vi. Presiding Officer in Parliament and legislative assembly Election from 2010

23. Social & Cultural Duties : i. Dr. Panjabarao Deshmukh Birth anniversary 27 dec.in every year.
- ii. Working as Secretary, Guru Ravidas Bahu Udeshiy Seva Samiti, Chikhli (M.S.)
- iii. Worked as a Coordinator, Debate Competition, Youth Festival of S.G.B.A.U.at Shri Shivaji College, Akola in 2018.

24. Expert/Juries/Examiner duties : i. Worked as examiner in seminar competition at Jijamata Mahavidyalaya, Buldana (2010-11)
- ii. Worked as Juries in seminar competition at Innani College, Karnja Lad, Dist Washim (2018-19)
- iii. Worked as Juries in online seminar competition at Shri Shivaji Science College, Amravati (2020-21)

25. Award : “**Vidhyabhushan**” Award by auspicious hand of Hon’ble Justice Shri C.M.Thul, Bench of Bombay High court.

26. Appreciation : Appreciation certificate for the valuable services in National conference NCCT-2020, Dept. of Chemistry, S.G.B Amravati University.
- : Participation in Blood donation in College.

27. **List of Research Publications in Scopus, Peer reviewed International Journals**

1. **Gajanan M. Dongare**, Synthesis, Characterization and Bacterial Screening Transitional Metal Complexes Tridentate Schiff bases of Benzylidene diamine, **J. Medicinal Chemistry and Drug Discovery**, (2015), 89-93 special issue.
2. **G.M.Dongare, R.T.Parihar**, Synthesis, Characterisation of tridentate Hydrazone Schiff bases

from Aroyl Carbaldehyde and their complexes with transitional Fe³⁺, Cr³⁺ metal ion, **J. Medicinal Chemistry and Drug Discovery**, (2015), 484-488, (Special Issue).

3. **G.M.Dongare**, Synthesis, Characterization of New Hydrazone ligand from N carboxylate and its complexes with bacterial study, **J. Medicinal Chemistry and Drug Discovery**, (2016), Vol.2(1) 205-209.
4. **G.M.Dongare**, Synthesis, Characterization of Biodynamic Heterocyclic system of 3-Acetyl Coumarins by Knoevenagel condensation reaction and acetylation of coumarin with study of Biological Screening, **Vidyabharati International Interdisciplinary Research Journal**, (2020).
5. **Dongare G.M.**, Synthesis, Characterization of Biodynamic Heterocyclic system of 3-Acetyl Coumarins by Knoevenagel condensation reaction and acetylation of Coumarin with study of Biological Screening, **World Research Association: Research J. Chemistry and Environment**, (2021) Vol. 25 (3)1-15.
6. **Gajanan Dongare, Anand Aswar**, Synthesis, spectral characterization, thermo-kinetic and biological studies of some complexes derived from tridentate hydrazone Schiff base, **ELSEVIER: J. Saudi Chemical Society**, (2021), 25, 101325, 1-18.
7. **Gajanan Dongare, Anand Aswar**, A heterocyclic N'-(4-(diethylamino)-2-hydroxybenzylidene)-4-oxopiperidine-1-carbohydrazone Schiff base ligand and its metal complexes: Synthesis, structural characterization, thermal behavior, fluorescence properties, and biological activities, **European J. of Chemistry**, 13 (4) (2022) 415-425.
8. **Gajanan Dongare**, X-ray diffraction studies of new hydrazone Schiff base ligand and divalent mn (ii), ni (ii) and zn (ii) complexes, **Indo American J. Pharmaceutical Sciences**, (2021), 08 (02), 406-415.
9. **Gajanan Dongare, Anand Aswar**, Synthesis of new heterocyclic N'-(2-hydroxy-3-methoxybenzylidene)-4-oxopiperidine-1-carbohydrazone and its mononuclear metal (II) complexes: Spectroscopic characterization, fluorescence, DFT, thermo-kinetic, and antimicrobial studies. **ELSEVIER: J. Molecular Structure**, (2023), 1281, 135107.
10. **Gajanan Dongare, Anand Aswar**, New aroyl heterocyclic(E)-N'-((2-hydroxynaphthalen-1-yl)methylene)-4-oxopiperidine-1-carbohydrazone and its metal complexes: synthesis, spectroscopic, thermal, DFT, molecular docking and antimicrobial studies. **Springer Nature: Research on Chemical Intermediates** (2023) 50, 745–788 (2024).
28. **Ph.D. thesis examine – 02**
29. **Reviewed Research article of International Publications.**

1. **Elsevier publication** – Arabian Journal of Chemistry (November, 2024)
2. **Asian Journal** of Chemical Sciences (11.2.2025)
3. **Asian Journal** of Research in Biochemistry (18.3.2025)
4. **Springer Nature** publication- Biomedical Chemistry (30.3.2025)
5. **Asian Journal** of Chemical Sciences. (5.4.2025)
6. **Asian Journal of Chemical Sciences** (12.11.2025)
7. **South Asian Research Journal of Natural Products -2025**

