

Faculty Profile



1. **Name in Full** : **Dr. Atul Vijay Yadgire**
2. **Address for Correspondence** : Pramilatai Deshmukh Colony, Gudadhi, Akola-444005 (M.S.), India
Mob. No. +91 9766135433
Email: atulyadgire@gmail.com
3. **Date of Birth** : 24th June, 1985
4. **Designation** : Assistant Professor, Department of Chemistry, Shri Shivaji College of Arts, Commerce & Science, Akola.
5. **Educational Qualification** :

Degree	Year	University
B.Sc.	2006	Sant Gadge Baba Amravati University, Amravati (M.S.)
M.Sc.	2008	Sant Gadge Baba Amravati University, Amravati (M.S.)
Ph.D.	2013	Sant Gadge Baba Amravati University, Amravati (M.S.)
6. **Teaching Experience** : Total 09 Years 6 Months
Degree College : 5 Years 6 Months
Post Graduate : 4 Years
7. **Research Experience** : 8 years research experience in the field of Synthetic and Mechanistic Organic Chemistry
8. **Guidance rendered to project students** : 01 M.Sc. student for degree project
9. **Professional membership and other expertise** :
 - Life Member of Indian Science Congress Association (ISCA), Kolkata. (L-20910)
 - Life Member of Indian Society for Technical Education (ISTE) (LM-126092)
 - Life Member of Maharashtra Green Army, Forest Dept., Govt. of Maharashtra. (AK/2018/Ind/571702).
 - Life Member of Amravati University Chemistry Teachers Association, Amravati (M.S.)
 - Local organizing member of International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Science (ICFM-2015), Nagpur during 5-7 Feb., 2015.
10. **Project Completed** : As a Project Fellow completed Major Research Project

sponsored by UGC, New Delhi entitled “Application of Microwave in Carbohydrate Chemistry: Synthetic Studies of Sugar Isothiocyanates and Isocyanates under Microwave Irradiation”. (F. No. 38-208/2009 (SR) dated 24/12/2009).

- 11. Books written** : Nil
- 12. Research Publications** :
- 1) Synthesis of *N*-maltosylated thiadiazine(hydrochloride) in Proceedings of IUPAC sponsored International Conference on Chemistry for Mankind, 94-97, 2011.
 - 2) Dithiazolidines: Synthesis and anti-microbial activity of some novel *N*-maltosides in Rasayan J. Chem., 4(4), 780-783, 2011.
 - 3) Comparative study of microwave induced and conventional synthesis of acetylated sugar isothiocyanates and related thiocarbamides in J. Chem. (Formerly E-J. Chem.), 8(4), 1614-1619, 2011.
 - 4) Synthesis and antimicrobial activity of *N*-maltosylated 1,3,5-thiadiazines in Indian J. Heterocyclic Chem., 22(1), 67-70, 2012.
 - 5) Synthesis, characterization and biological evaluation of *N*-maltosylated 1,2,4-dithiazolidines in Indian J. Heterocyclic Chem., 22, 363-366, 2013.
 - 6) Study of conductivity behavior of newly synthesized terpolymeric ligand and its polychelates with Mn(II), Fe(III), Co(II) metal ions in Int. J. Res. Bios. Agri. Tech., 1(2), 592-597, 2014.
 - 7) Conversion of Plastic waste into fuel in Int. J. Sci. Res. & Dev., 4(5), 1402-1405, 2016.
- 13. Participation in Seminars, Workshops, Conferences, Faculty Development Programme etc.** :
- 1) Participated in National Conference on Multidisciplinary Research in Science and Technology (NCMRST-2020) held at Shri R. L. T. College of Science, Akola (M.S.) on 24th January, 2020.
 - 2) Presented a paper entitled “Microwave Assisted Synthesis of Novel Carbohydrate Derivatives” in National Conference on Recent Advances in Physical and Mathematical Sciences (NCRAPMS-2020) held

Shri Shivaji College, Akola (M.S.) on 18th January, 2020.

- 3) Presented a paper entitled “Synthesis and Antimicrobial Activity of Some New *N*-Maltosylated Thiosemicarbazones” in National Conference on Innovative Research in Science and Technology (NCIRST-2019) held at Shri Shivaji Science College, Amravati (M.S.) during 17-18 December, 2019.
- 4) Participated in One Day Regional Workshop on Orientation of Participating Institutes to initiate works in adopted villages clusters (Unnat Bharat Abhiyan 2.0) held at SGB Amravati University, Amravati (M.S.) on 16th March, 2019.
- 5) Participated in One Day Workshop under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on Moodle Learning Management System held at Siddhivinayak Technical Campus, Shegaon (M.S.) on 15th March, 2019.
- 6) Participated in One Day State Level Seminar on Unnat Bharat Abhiyan organized by SGBAU Shikshan Manch, Dist. Buldana and Model Degree College, Buldana held at Model Degree College, Buldana (M.S.) on 11th March, 2019.
- 7) Participated in Regional Workshop for Activities Planning under Unnat Bharat Abhiyan (UBA) by Participating Institutes (PIs) for West Zone (Maharashtra) held at IIT, Bombay on 28th July, 2018.
- 8) Completed an Online course “ET701x: Elements of Learner-Centric MOOC’s” conducted by IIT Bombay from 3-23 May, 2018.
- 9) Participated in Orientation workshop of Unnat Bharat Abhiyan (UBA) held at AICTE, New Delhi on 25th April, 2018.
- 10) Presented a paper entitled “Microwave Assisted Synthesis of Benzothiazolyl Sugars Carbamides” in National Conference on Recent Advances in Chemical Sciences held at Shri Shivaji College, Akola (M.S.)

during 26-27 February, 2018.

- 11) Completed an Online course “SKANI101xF: Basic 3D Animation using Blender” conducted by IIT, Bombay during 5th Sept.-17th December, 2017.
- 12) Participated in AICTE approved Faculty Development Programme (FDP101x) under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on “Foundation Program in ICT for Education” conducted by IIT, Bombay at STC, SERT, Shegaon (M.S.) during 3 Aug. - 7 September 2017
- 13) Participated in National Conference on Renewable Energy Resources and its Applications (RERA-2016) held at College of Engineering and Technology, Akola (M.S.) on 2nd April, 2016.
- 14) Presented a paper entitled “Microwave induced synthesis of thiobiurets of *N*-glycosides” in International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences (ICFM-2015) held at Nagpur (M.S.) during 5-7 February, 2015.
- 15) Participated in National Conference on Recent Advances in Polymer Science and Technology held at L.I.T. College, Nagpur (M.S.) during 23-24 Jan., 2015.
- 16) Participated in International Satellite Conference on Environmental Global Concern held at Institute of Science, Nagpur (M.S.) on 28th March, 2014.
- 17) Participated in International Conference on Applications of Advanced Materials for Sustainable Development held at Dr. Ambedkar College, Nagpur (M.S.) during 17-18 January, 2014.
- 18) Presented a paper entitled “Microwave induced improved synthesis of *N*-glycosyl isodithiobiurets” in 100th Indian Science Congress held at University of Calcutta, Kolkata (W.B.) during 3-7 January, 2013.
- 19) Presented a paper entitled “Comparative study of microwave induced and conventional synthesis of acetylated sugar isocyanates and related carbamides” in

- 49th Annual Convention of Chemists – 2012 held at NITTTR, Bhopal (M.P.) during 11-15 December, 2012.
- 20) Participated in National Conference on Innovative Research Trends in Biological Science held at Shri Shivaji College, Akola (M.S.) during 8-9 September, 2012.
- 21) Presented a paper entitled “Synthesis of 4-aryl-5-hepta-*O*-acetyl- β -D-maltosylimino-3-thio-1,2,4-dithiazolidines (hydrochloride)” in 99th Indian Science Congress held at KIIT University, Bhubaneswar (Odisha) during 3-7 January, 2012.
- 22) Presented a paper entitled “Synthesis of 4-aryl-3,5-bis hepta-*O*-acetyl- β -D-maltosylimino-1,2,4-dithiazolidines (hydrochloride)” in 48th Annual Convention of Chemists – 2011 held at University of Allahabad, Allahabad (U.P.) during 3-7 December, 2011.
- 23) Participated in A motivational soft skill development workshop held at Shri Shivaji College, Akola (M.S.) on 20th February, 2011.
- 24) Presented a paper entitled “Synthesis of *N*-maltosylated thiadiazines (hydrochloride)” in International Conference on Chemistry for Mankind (ICCM-2011) “Innovative Ideas of Life Sciences” held at R.T.M. Nagpur University, Nagpur (M.S.) during 9-11 February, 2011.
- 25) Presented a paper entitled “Comparative study of microwave induced and conventional synthesis of acetylated sugar isothiocyanates and related thiocarbamides” in 98th Indian Science Congress held at SRM University, Chennai (T.N.) during 3-7 January, 2011.
- 26) Presented a paper entitled “Dithiazolidines: Synthesis of some novel *N*-maltosylated heterocycle” in 47th Annual Convention of Chemists – 2010 held at Pt. Ravishankar Shukla Uni., Raipur (C.G.) during 23-27 December, 2010.
- 27) Participated in Comprehensive certificate programme

on “Scope and Potential in Pharmaceutical Industries for Science Students” held at Shri Shivaji College, Akola (M.S.) on 17th September, 2010.

- 28) Presented a paper entitled “Synthesis of 3-hepta-*O*-acetyl- β -D-maltosylimino-4-aryl-5- phenylimino-1,2,4-dithiazolidines (hydrochlorides)” in National Conference on Recent Trends in Chemical Research held at G. S. Gawande College, Umardhed (M.S.) during 12-13 March, 2010.
- 29) Participated in National Conference on Advances in Material Research held at S.K. College, Akola (M.S.) during 26-27 February, 2010.
- 30) Participated in National Conference on Biotechnology for Better Tomorrow at Shri Shivaji College, Akola (M.S.) during 6-7 February, 2010.
- 31) Participated in 97th Indian Science Congress held at Kerla University, Thiruvananthapuram (Kerla) during 3-7 January, 2010.
- 32) Participated in National Seminar on Current Trends in Chemical Science Research held at Shri Shivaji College, Akola (M.S.) on 28th March, 2008.

14. Award

- : **“Indian Chemical Society Award” for Best Poster Paper Presentation** in 49th Annual Convention of Chemists held at NITTTR, Bhopal (M.P.) during 12-15 December, 2012 organized by Indian Chemical Society, Kolkata.