

Curriculum Vitae

Dr. Santosh S. Undare (M. Sc., Ph. D., SET. GATE.)



Professor in Chemistry & Head

Department of Chemistry,

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Date of Birth: 16th March 1978

Teaching Experience:

U.G. : 18 Years

P.G. : 16 Years

<i>Name of Employer</i>	<i>Type of Service</i>	<i>Designation</i>	<i>From-To</i>
<i>Anandrao Dhonde College Kada, Dist. Beed</i>	<i>Regular</i>	<i>Assistant Prof.</i>	<i>17/10/03 to 15/10/05</i>
<i>Balbhim Arts, Science and Commerce College, Beed</i>	<i>Regular</i>	<i>Assistant Prof.</i>	<i>16/9/05 to 7/12/18</i>
<i>Balbhim Arts, Science and Commerce College, Beed</i>	<i>Regular</i>	<i>Associate Prof.</i>	<i>7/12/18 to 7/12/21</i>
<i>Balbhim Arts, Science and Commerce College, Beed</i>	<i>Regular</i>	<i>Professor</i>	<i>7/12/21 to Till today</i>

Research Interest: Synthetic Methodology, Heterocyclic Chemistry,
Medicinal Chemistry, Green Chemistry.

Students Guided : Ph. D:...

Publications : International & National: 23 Proceedings:

Research Project: Minor Project 01 (ongoing)

Lectures/Invited Talks: International/National/ State/College level = 10

Papers Presented: Conferences/Symposia/Seminars etc. = 07

Books Published:

Total citations: 103

h-index: 07

i10-index: 05

ACADEMIC RESPONSIBILITIES IN OTHER UNIVERSITY:

➤ **Member:**

➤ **Examiner / Referee for Ph D:**

ADMINISTRATIVE RESPONSIBILITIES:

- 1. Co-ordinator:** “IQAC” *Balbhim Arts, Science and Commerce College, Beed-431122* since April, 2017
- 2. Vice Principal:** *Balbhim Arts, Science and Commerce College* since Feb.2012
- 3. Head of the chemistry dept.:** *Balbhim Arts, Science and Commerce College Beed* since June 2008

4. **Head of the Computer. dept.:** *Balbhim Arts, Science and Commerce College Beed since from June 2008*
5. **IGNOU:** *Counselor of IGNOU center of Balbhim Arts, Science and Commerce College Beed since June 2012.*
6. **Managing Editor:** *Journal of basic and applied Science.*
7. **Chairman:** *Chairman of paper setter of Agrochemical & Fertilizers, Dr.B.A.M.University Aurangabad since 2017.*
8. *Co-ordinator & Member of various University, College level students related activities/research activities etc.*

LIST OF PUBLICATIONS:

Research Paper (National/ International level):

Year: 2020

1. *Design synthesis and in-vitro anti-inflammatory, antimicrobial activities of some novel mannich bases of pyrazole-1-carbothioamide derivatives. Heterocyclic Letters, Vol.10/No.4, 631-640 (2020) ISSN, 2230-9632.*

Year: 2019

2. *Ecofriendly validated Spectroscopic method for the estimation of amlodipine besylate by using hydrotropic solubilization method. Asian Jou. Of Pharmaceutical analysis Vo-09 8-10., ISSN 2231-5667*
3. *Spectroscopic insights on the interaction between 4-93,4-dimethoxyphenyl)-6-hydroxy-2-methylpyrimidine-5-carbonitrile and tryptophan. Curr.Pharma Res., 9(3), 2935-2946, , ISSN 2230-7842*
4. *Lunar Planting: the best Lunar phase and sign for increased vigor. International Journal of Technology, Vol.9 13-14, , ISSN, 2231-3907*

5. *An overview on biological Importance and synthetic methodology of Triazolopyrimidines. Int. Jou. Of Advance and innovative research Vol.6233-239,. ISSN, 2394-7780.*
6. *Role of ICT in teaching, learning process of education, faculty and staff development. Research Journey Int. Multidisciplinary Journal, 199, 44-50*

Year: 2018

7. *Unexpected formation of 4, 5-dihydro-1H-pyrazolo [3,4-b]pyridine derivatives as a potent antitubercular agent and its evaluation by green chemistry metrics. Synthetic Communications, Vol.48 No 21, 2750-2760, ISSN, 0039-7911.*
8. *Glycerol Mediated Synthesis, Biological Evaluation, and Molecular Docking Study of 4-(1H-pyrazol-4-yl)-polyhydroquinolines as Potent Antitubercular Agents, J. Heterocyclic. Chem., ISSN1943-5193.*
9. *An Overview on Biological and Medicinal Importance of Pyrimidines, Journal of Universal Science and Technology, ISSN: 2454-7263.*
10. *DBU: A Smart Organo Catalyst for The Green Synthesis Of 2-Cyano-3-Phenylacrylic Acid Derivatives at Room Temperature, Journal of Universal Science and Technology, ISSN: 2454-7263.*

Year: 2017

11. *P₂O₅ Mediated an Efficient Synthesis and Biological Evaluation of Heterocyclic-fused Pyrimidine Derivatives as an Antitubercular Agent, Journal of Heterocyclic Chemistry 55 (1), 154-160. ISSN: 1943-5193.*
12. *A bio-oriented anthranilic acid catalyzed synthesis of quinazolin-8 (4H)-one derivatives: Evaluation by green chemistry metrics, Synthetic Communications 47 (19), 1747-1757. ISSN: 0039-7911.*

13. An efficient, one-pot three components synthesis of [1, 2, 4] triazoloquinazolinone derivatives using anthranilic acid as green catalyst, *Research on Chemical Intermediates* 43 (8), 4561-4574, ISSN 0922-6168

Year: 2016

14. Synthesis, anti-inflammatory, ulcerogenic and cyclooxygenase activities of indenopyrimidine derivatives, *Bioorganic & Medicinal Chemistry Letters* 26 (3), 814-818, ISSN 0960-894X

15. Spectrometric method development and validation of prazosin. *Research Journal of Science and Technology*, ISSN 2349-2988.

16. Ultraviolet spectrophotometric method for determination of Glipizide in bulk and tablet dosage formulation. *Research journal of pharmaceutical dosage form and technology*. ISSN 0975-4377

17. A simple and green synthesis of highly functionalized quinoline derivatives using zinc oxide nanoparticles, *Indian J. Of Chemistry*, ISSN: 0019-5103.

18. One pot synthesis and anti-microbial activity of fused pyrimidine derivatives, *J. Basic and Applied Sciences*, ISSN: 2229-3302.

19. Bioactivity associated with some Indole system containing drugs. *J. Basic and Applied Sciences*, ISSN: 2229-3302.

20. One-pot synthesis and in vivo biological evaluation of new pyrimidine privileged scaffolds as potent anti-inflammatory agents, *Research on Chemical Intermediates* 42 (5), 4373-4386, 2016, ISSN 0922-6168

21. Selective synthesis of 10, 11-dihydrochromeno [4, 3-b] chromene-6,8(7H,9H)-dione using copper oxide nanoparticles for potential inhibitors of β -ketoacyl-[acyl-carrier-protein] synthase III of *Mycobacterium tuberculosis*, *IJC-B* 55B (2016), ISSN 03764699

Year: 2015

22. Surfactant stabilized AgNPs as a colorimetric probe for simple and selective detection of hypochlorite anion (ClO^-) in aqueous solution: Environmental sample analysis

Colloids and Surfaces A: Physicochemical and Engineering Aspects 491, 78-85, 18734359

Year: 2012

23. Phosphorus pentoxide: As an efficient catalyst for Friedländer synthesis of quinolines J. Basic & Applied Sciences ISSN: 2229-3302. (2012)

Place: Beed

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