

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

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

Total citations: 118

h-index: 07

i10-index: 06

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

Prof. Dr. Santosh S. Undare