



# AISSMS

## COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
Accredited by NAAC with A Grade

**Name:** Mrs. Amruta Nikhil. Avalaskar

**Designation:** Assistant Professor

**Qualifications :** M. Pharm (Pharmacognosy)

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### PROFESSIONAL EXPERIENCE:

1. Working as Assistant Professor from 20 July 2009 at AISSMS College of Pharmacy, Pune till date.
2. Worked as a Lecturer in Pharmacognosy at J. L. Chaturvedi College of Pharmacy, New Nandanvan, Nagpur-09 (Nagpur University), for the academic session 2007-2008.
3. Worked as a Lecturer in Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute Karjat, (Mumbai University), for the academic session 2008-2009.

### TOTAL EXPERIENCE IN YEARS:

- ❖ Teaching: 15 yrs.

### AREAS OF INTEREST:

Development and evaluation of novel herbal formulations based on ethanopharmacological findings.

### PROFESSIONAL AFFILIATIONS:

- ❖ Registered Member: Maharashtra State Pharmacy Council
- ❖ Life Member: Association of Pharmacy Teachers of India

### PROJECTS HANDLED/GRANTS RECEIVED:

- ❖ No. of Inhouse Projects: 13
- ❖ No. of Funded Research Projects (University/Industry): 02
- ❖ Amount of Research Grant Received: 4.2 Lakh

### INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Working as Medicinal Plant garden and Pharmacognosy lab Incharge
- ❖ Working as member of Core committee NAAC

- ❖ Working as member Grievance Redressal Cell
- ❖ Working as member Library advisory committee
- ❖ Worked as IAEC committee member 2016-17
- ❖ Worked with Exam section as internal senior supervisor from April 2014-Dec 2016.
- ❖ Worked as a coordinator for SPPU sponsored state level seminar entitled “Isolation techniques and Pharmacological Screening of Phytochemicals”, held in Oct 2014
- ❖ Worked as a coordinator for SPPU sponsored state level seminar entitled “Role of Medicinal Chemist and Phytochemist in Drug Discovery”, held in Feb 2016
- ❖ Worked as Co-coordinator during NBA inspections
- ❖ Worked as member library committee
- ❖ Worked as a co-ordinator for online webinar series, **Traditional, Natural and Holistic healing approaches for Healthcare and wellness**
- ❖ Worked as a co-ordinator for Industry Defined Problem Solving Competition organized by Department of Pharmaceutics and Pharmacognosy in association with IIPC and AISSMSCOP-I Connect
- ❖ Worked as a coordinator for NAAC sponsored one day online seminar on Quality Sustenance and Quality improvement: Issues and Challenges

#### **AWARDS/ACHIEVEMENT/MEDALS:**

- ❖ Cleared GATE examination with 95.28 percentile
- ❖ Recipient of AICTE Scholarship during M. Pharm. Course.
- ❖ Felicitation by the hands of Mayor of Pune Mrs.Mukta Tilak for contribution in the field of education in 15<sup>th</sup> August 2018.

#### **PUBLICATIONS:**

- ❖ REVIEWS: 01
- ❖ NATIONAL RESEARCH PUBLICATIONS: 03
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 20
- ❖ H- index - 4
- ❖ i10 Index-2
- ❖ No of Citations -39

### **\*REVIEW PUBLICATIONS\***

1. "Systematic Review on Emerging Need for Toxicity Testing of Herbal Drugs : A Review" ,  
Inventi Rapid Molecular Pharmacology vol-2011.

### **\*NATIONAL RESEARCH PUBLICATIONS\***

1. "Anxiolytic Activity of *Annona squamosa* Leaf Extracts in Mice", Indian Journal of Pharmaceutical Education & Research Jan-Mar 2009
2. "Pharmacological standardization of Triphala guggul tablets - a polyherbal formulation", J. Res. Educ. Indian Med., April - June, 2008
3. "Evaluation of Anti-Inflammatory Activity of ethanolic extract of *Sesbania grandiflora*"  
Indian Journal of Natural Products, Sept 2011, Vol 27 pg 22.

### **\*INTERNATIONAL RESEARCH PUBLICATIONS\***

1. "Determination of polyphenol contents and free radical scavenging activity of successive extract of *Flemingia strobilifera*", International Journal of Advanced Pharmacology and Toxicology 2009.
2. Studies on in vitro antioxidant activity of ethanolic extract of *Ecbolium linneanum kurz.* (Acanthaceae), Pharmacologyonline 2: 79-84 (2010)
3. Avalaskar AN, Itankar PR, Joshi VS, Agrawal M, Vyas J. Phytochemical and TLC studies of ethanolic extract of *Sesbania grandiflora* (Fabaceae). International Journal of PharmTech Research. 2011;3(3):1346-9..
4. Joshi V, Patil VR, Avalaskar AN. Pharmacognostical and phytochemical evaluation of roots of *Ichnocarpus frutescens* R. Br.(Family: Apocynaceae). Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2011 Jul 1;2(3):558-63.
5. Joshi V, Patil VR, Avalaskar AN. Pharmacognostic and Phytochemical Evaluation of Roots of *Atlantia monophylla* DC (Family: Rutaceae). Journal of Pharmacy Research. 2011 Sep 1;4(9):3198-9.
6. Agrawal M, Agrawal Y, Itankar P, Patil A, Kelkar A, Vyas J. Pharmacognostical evaluation of *Annona squamosa* linn. International Journal of Phytomedicine. 2011 Oct 1;3(4):480.
7. Agrawal M, Agrawal Y, Itankar P, Patil A, Vyas J, Kelkar A. Phytochemical and HPTLC studies of various extracts of *Annona squamosa* (Annonaceae). International Journal of PharmTech Research. 2012;4(1):364-8..

8. "Natural Excipients" , Research Journal of Pharmaceutical, Biological and Chemical Sciences, April-June 2013, RJPBCS Volume 4 Issue 2 Page No. 1346
9. Vyas J, Itankar P, Tauqeer M, Kelkar A, Agrawal M. Development of HPTLC method for estimation of piperine, guggulsterone E and Z in polyherbal formulation. Pharmacognosy Journal. 2013 Nov 1;5(6):259-64. "A Comprehensive Review On Annonaceae Family", Int J Adv Pharm Biol Sci Vol.4, Issue 2, 25-33
10. Gandhi S, Shinde P, Avalaskar A, Rao S. Phytochemical investigation and antimicrobial activity testing of Phyllanthus fraternus leaves Webster. Int J Pharmacognosy and Phytochemical Research. 2014;6(3):444-8.
11. Yadav R, Pednekar A, Avalaskar A, Rathi M, Rewachandani Y. A comprehensive review on Meliaceae family. World Journal of Pharmaceutical Sciences. 2015 Aug 1:1572-7.
12. Avalaskar A, Kudale P, Khandelwal P, Natesan S, Shah P, Jadhav R. Formulation and Evaluation of Oral Herbal Granules For Asthma. International Journal of Pharma Sciences and Research. 2016;7(10):4-10..
13. Avalaskar AN, Kashikar R, Choudhary M, Shukla S, Gadewar M, Galande J. MICROBIOLOGICAL QUALITY ASSESMENT OF SHATAVARI CHURNA.
14. Khaladkar AS, Avalaskar A, Bharati P, Honkalas K. Formulation and evaluation of Adhulsa lozenges for pediatric patients. Journal of Drug Delivery and Therapeutics. 2019 Apr 15;9(2-s):115-7.
15. Shaikh M, Avalaskar A, Wadekar K, Shaha C, Diwate S, Shah S. FORMULATION AND EVALUATION OF TOPICAL HERBAL GEL FOR LOCAL INFLAMMATION.
16. Formulation And Evaluation Of Herbal Hair Emulgel, Journal of Emerging Technologies and Innovative Research (JETIR), February 2020, Volume 7, Issue 2.161-166.
17. Formulation and evaluation of antiemetic H. spicatum lozenges, Journal of Emerging Technologies and Innovative Research (JETIR), November 2020, Volume 7, Issue 11, 771-776.
18. Natural Blue Pigment Color Gel for Foods, beverages and Pharmaceuticals, Journal of Emerging Technologies and Innovative Research (JETIR), January 2021, Volume 8, Issue 1567-1572.

19. “COMPARATIVE MICROBIAL STUDIES FOR MULTIPLE BRANDS OF TRIPHALA CHURNA”, Journal of Emerging Technologies and Innovative Research (JETIR), January 2022, Volume 9, Issue 1, pe280-e291

### PRESENTATIONS:

As an Author: 11

#### ❖ As an Author:

1. Review article on “Plastic Litters and Health Hazards” at POLYVISION 2003 held at Laxminarayan Institute of Technology, Nagpur.
2. Poster presentation on “Current Approaches in Development of Herbal Formulations” at National Symposium on “CURRENT TRENDS IN DRUG DESIGNING” held at Sharad Pawar College of Pharmacy, Nagpur.
3. Poster Presentation on “Pharmacognostic and Preliminary Phytochemical screening of *Ecbolium linneanum* Kurz” at National Conference on “Emerging Trends in Medicinal Plants and their Biotechnological Advances” held by Department of Botany, Dr.Ambedkar College, Nagpur.
4. Poster Presentation “Anti-inflammatory activity of Ethanolic extract of *Sesbania grandiflora* (Fabaceae)” at 59<sup>th</sup> IPC at Varanasi, December 2007.
5. Poster presentation on “Plants Used in Neurological Disorders -A Review”, at the International conference on Neuropeptides, at Department of Pharmaceutical Sciences Nagpur.
6. Poster presentation on “Evaluation of anti –inflammatory activity of ethanolic extract of *Ecbolium linneanum* Kurz” at Bhor Pune.
7. Development and evaluation of oral dispersible tablets of *Sesbania grandiflora* for inflammatory disorders, AVISHKAR 2013, Zonal level.
8. Development and evaluation of oral dispersible tablets of *Sesbania grandiflora* for inflammatory disorders, AVISHKAR 2013, University level.
9. Formulation and Evaluation of a Novel Herbal Formulation for Asthmatic Disorders, 2<sup>nd</sup> International Conference On Herbal And Synthetic Drug Studies (HSDS-2014)
10. Novel herbal formulation in the management of asthma in pediatric and geriatric patients, 19<sup>th</sup> annual national convention of association of pharmaceutical teachers of India, Pune.
11. Formulation and evaluation of antifatulent gel for infants, AVISHKAR 2016, Zonal level.

## **CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED:**

1. Attended two day national seminar on “HIV-AIDS , Global perspective” at JL Chaturvedi College of Pharmacy Nagpur
2. Attended one day seminar on Chromatographic techniques in evaluation of Phytochemicals” at MMM College of Pharmacy, Kharadi, Pune.
3. One Day IPA Model Lecture Series in Pharmacognosy at Indira College of Pharmacy, Tathawade, Pune.
4. Practical demonstration of basic techniques in molecular biology, at Dr D.Y.Patil Institute of Pharmaceutical science and Research Pimpri Pune 01
5. Isolation techniques and phytochemical screening of phytochemicals, at AISSMS College of Pharmacy Pune -01
6. QbD in formulation development, at AISSMS College of Pharmacy Pune -01
7. Role of Medicinal Chemist and Phytochemist in Drug Discovery at AISSMS College of Pharmacy Pune -01
8. Strategies for Empowerment of Women Associated with the Healthcare Profession, organized by APTICON 2016 (Women’s Forum) and Allana College of Pharmacy, Pune.
9. Insights of accreditation for Private institutes, at AISSMS College of Pharmacy Pune -01.
10. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Emotional Intelligence" from 2020-10-19 to 2020-10-23 at Marathwada Mitra Mandal’s College of Pharmacy.
11. Completed Swayam certificate course of four weeks on stress management.
12. Participated in one week online FDP on MOODLE: Learning Management System (LMS)
13. Participated & completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Personal Effectiveness in Teaching-Learning Process: A Pharmaceutical Perspective” from 2021-07-05 to 2021-07- 09 at National College of pharmacy.
14. Participated “NEP- A paradigm shift of Indian Education System”, two day workshop at MMCOP Thergaon Pune on 13&14 April 2023.

**Mrs. Amruta N. Avalaskar**