



**All India Shri Shivaji Memorial Society's  
College of Pharmacy, Kennedy Rd, Pune-411 001.**

Establishment 1996; Affiliated to Savitribai Phule Pune University,

Approved by AICTE & Recognized by PCI

NBA (B. Pharm Course); 2f/12B Recognition by UGC, NAAC with A



**Mail:** contact@aissmscop.com **Website:** www.aissmscop.com

**Name:** Mrs. Amruta N. 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-411001
2. Worked as a Lecturer in Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute Karjat, (Mumbai University), for the academic session 2008-2009.
3. 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.

**TOTAL EXPERIENCE IN YEARS:**

- ❖ Teaching: 18 yrs.

**AREAS OF INTEREST:**

- ❖ Development of Novel herbal formulations based on ethanopharmacological claims
- ❖ Standardization of Herbs/Herbal Formulations

**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:**

- ❖ AISSMS Pharma Graduate Association –APGA advisor
- ❖ HOD Pharmacognosy Department
- ❖ Pharmacognosy lab Laboratory Incharge
- ❖ Medicinal Plant garden Incharge.
- ❖ Member Training and Placement Cell.
- ❖ Member Grievance Redressal Cell.
- ❖ Member Library advisory committee.
- ❖ Member College Development Committee
- ❖ Member IQAC
- ❖ Member Research Advisory Committee- Grants

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

- ❖ Cleared GATE examination with 95.28 percentile
- ❖ Recipient of AICTE Scholorship 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: 23

- ❖ h index -4
- ❖ i10 Index -2
- ❖ No of Citations -81

**\*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. Phytochemical and TLC Studies of Ethanolic Extract of *Sesbania grandiflora* (Fabaceae), International Journal of Pharm Tech Research, Vol.3, No.3,pp 1346-1349, July-Sept 2011.
4. Pharmacognostic and Phytochemical Evaluation of Roots of *Ichnocarpus frutescens* R.Br. (Family: Apocynaceae), Research Journal of Pharmaceutical, Biological and Chemical Sciences, July – September 2011, Volume 2 Issue 3.
5. Pharmacognostic and Phytochemical Evaluation of Roots of *Atlantia monophylla* DC (Family: Rutaceae), Journal of Pharmacy Research, September 2011.

6. "Pharmacognostical Evaluation of *Annona squamosa* Linn.," International Journal of Phytomedicine 3 (2011) 480-485.
7. Phytochemical and HPTLC Studies of Various Extracts of *Annona squamosa* (Annonaceae), International Journal of PharmTech Research, Vol.4, No.1, pp 364-368, Jan-Mar 2012.
8. "Natural Excipients" , Research Journal of Pharmaceutical, Biological and Chemical Sciences, April-June 2013, RJPBCS Volume 4 Issue 2 Page No. 1346
9. "Development of HPTLC method for estimation of piperine, guggulsterone E and Z in polyherbal formulation", Pharmacognosy Journal, Pharmacognosy Journal 5 (2013) 259-264.
10. "A Comprehensive Review On Annonaceae Family", Int J Adv Pharm Biol Sci Vol.4, Issue 2, 25-33
11. Phytochemical Investigation and antimicrobioal Activity Testing of *Phyllanthus fraternus* leaves Webster, International Journal of Pharmacognosy and Phytochemical Research 2014; 6(3); 444-448.
12. A comprehensive review on Meliaceae family, World Journal of Pharmaceutical Sciences ISSN (Print): 2321-3310; ISSN (Online): 2321-3086
13. Formulation and evaluation of Oral herbal granules for Asthma, International Journal of Pharma Sciences and Research (IJPSR), Oct 2016, Vol 7, 382-389.
14. Microbiological Quality Assessment of Shatavari Churna, World Journal of Pharmaceutical Research, Volume 6, Issue 10 pg 667-674
15. Formulation and evaluation of Adhulsa lozenges for pediatric patients, Journal of Drug Delivery & Therapeutics. 2019; 9(2-s):115-117
16. Formulation And Evaluation Of Topical Herbal Gel for Local Inflammation, World Journal of Pharmaceutical Research Volume 7, Issue 19, 1284-1289.
17. Formulation And Evaluation Of Herbal Hair Emulgel, Journal of Emerging Technologies and Innovative Research (JETIR), February 2020, Volume 7, Issue 2.161-166.

**18.** Formulation and evaluation of antiemetic *H. spicatum* lozenges, Journal of Emerging Technologies and Innovative Research (JETIR), November 2020, Volume 7, Issue 11, 771-776.

**19.** 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.

**20.** “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

**21.** Comparative Analysis of Fenugreek Plant: Hydroponic System vs Soil based system ISSN: 2349-6002, “International Journal Of Innovative Research In Technology, May 2024, Volume 10 Issue 12, 925-932.

**22.** Formulation And Evaluation Of Anti-Acne Peel-Off Gel Formulation Of Red Sandalwood (*Pterocarpus santalinus*, NOVYI MIR Research Journal, ISSN NO: 0130-7673, VOLUME 9 ISSUE 8 2024, PAGE NO: 104.

**23.** Development Of Mouth Dispersible Granules of *Euphorbia hirta* for Asthma Treatment, NOVYI MIR Research Journal, ISSN NO: 0130-7673 VOLUME 10, ISSUE 1, 2025, PAGE NO: 39

### **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 antiflatulent gel for infants, AVISHKAR 2016, Zonal level.

#### **CONFERENCES/ SYMPOSIA/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( Womens 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 "EmotionalIntelligence" 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. NEP- A paradigm shift of Indian Education System, MMCOP Thergaon , 13&14 April 2023
15. Attended one day webinar "Empowering Educators:Advancements in Technology, Research and Entrepreneurship" organized by AISSMS College of Pharmacy, Pune on 27/10/2023
16. Understanding Upcoming new Changes Binary Accreditation and its methodology in NAAC on 5<sup>th</sup> Feb 2024.
17. Open AI Resources for Publication, at AISSMSCOP, 14/10/2024- 18/10/2024
18. Work life balance, mental wellbeing, mindfulness, conflict resolution, mentoring of students at AISSMSCOP , on 02/12/2024 -06/12/2024.
19. Co-ordinated and attended online International webinar on Insights into Drug Discovery, Development and Regulation, 26/12/2024-02/01/2025.

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**Mrs. Amruta N. Avalaskar**