



AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra,
2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University
Accredited by NAAC with A Grade

Name: Dr. Reshma Nilesh Mirajkar

Designation : ASST. PROF. PHARMACEUTICS

Qualifications : M. Pharm;P.hD

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PROFESSIONAL EXPERIENCE:

1. Awarded doctorate degree in Pharmaceutics in August 2021
2. Course work for doctorate in Pharmacy successfully completed with Distinction
3. Approved as a PG guide
4. Received grant of Rs 1,7000/- for BCUD sponsored project 2016-18
5. Working as a Asst. Professor in Pharmaceutics department at AISSMS College of Pharmacy, Pune since August 2008
6. Admission taken for doctorate in Pharmacy, at AISSMS COP, Pune on 8/8/2102.Registered in November 2013.
7. Worked as a Visiting lecturer in Pharmaceutics at AISSMS College of Pharmacy, Pune since January 2008 to May 2008 Conducted lectures and practicals in the subject DMHP, for First Year and lectures for Pharmaceutical Management Third Year.
8. Worked as a Scientist I and a Team leader in Research and Development (Formulation Department) at Emcure Pharmaceuticals, Bhosari, Pune, since October 2002 to October 2007. Formulation Development of Sustained release dosage, Mouth dissolving Tablets,development of Chirally Pure and Technology based products, Taste Masking,successful Scale up and Validation of all Products,as Antihypertensive,Haematinics,Analgesic,Antibiotics etc,Trouble shooting and preparing SOP's,SCP's,BMR,Validation protocols, and Product Development Report

TOTAL EXPERIENCE IN YEARS:

❖ Teaching: 15yrs.

- ❖ Research: 12Yrs
- ❖ Industry: 5Yrs

AREAS OF INTEREST:

Formulation Development of Parenteral Dosage forms

Formulation Development of NDDS

Formulation Development of cosmetics

PROFESSIONAL AFFILIATIONS:

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

PROJECTS HANDLED/GRANTS RECEIVED:

- ❖ No. of Inhouse Projects: 01
- ❖ No. of Funded Research Projects (University/Industry): 02
- ❖ Amount of Research Grant Received: 4.7 Lakh

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Project guide for inhouse projects
- ❖ Project guide for Practice school SEM VIII Cosmetics
- ❖ Approved as a PG guide
- ❖ Active member of NAAC criteria 1 and 2
- ❖ Member of College development committee since 2022- organizing activities
- ❖ Member of code of conduct committee since 2021- organizing activities
- ❖ Member of APGA committee since 2020-Actively involved in all activities and organizing coffee with Alumni
- ❖ Member of internal Complaints committee from 2018-2021
- ❖ As an College Examining officer since 2012- Overall working of exam section as a chief examination officer-Activities for simple and efficient working of exam section, setting of new formats, smooth conduction of exams (Internal and University) and effective communication of activities between colleges, university and students are the responsibilities efficiently carried out. Also worked as a Asst to Internal Senior Supervisor at University Examination. Attending workshops for CEO at various colleges
- ❖ Assigned as class teacher for Final year B Pharm till 2022-Communication of activities with Students and other staff. Guiding and counseling of students
- ❖ Guiding for M Pharm projects and publication of the same
- ❖ Assigned as an external Examiner for University Practical exam in Pharmaceutics and various colleges and for CAP

- ❖ Active Member of Teaching Learning Committee of NBA-Setting of new formats and effective communication of activities for their completion and upgradation. Organising Parents teacher Meet.
- ❖ Encouraging and supervising cocurricular activities of students during competitions, NPW,gathering etc
- ❖ Participation in various committees during functions, sports, workshops, seminars, gathering and other activities in college
- ❖ Worked on University Sponsored Research proposal project 2011-2013.
- ❖ Completed University Sponsored Research proposal project 2016-2018

AWARDS/ACHIEVEMENT/MEDALS:

- ❖ Inhouse project first prize at Synapse State level project competition organized by AISSMS COP, Pune 2022
- ❖ Inhouse project first prize at inhouse project competition organized by AISSMS COP, Pune 2022
- ❖ Inhouse project winner in first 25 at Ideathon Competition 2021
- ❖ Complete 4 weeks Course on basics of Psychology by Swayam and secured 80 % in 2022
- ❖ Complete 4 weeks Course on Creative writing by Swayam and secured 80 % in 2021
- ❖ Complete 4 weeks Course on Body Language by Swayam and secured 80 % in 2020
- ❖ Complete 4 weeks Course on Stress Management by Swayam and secured 87 % in 2019
- ❖ Recipient of Scholarship during M. Pharm. Course at UICT Mumbai.
- ❖ Cleared GATE examination with 98.72 percentile

PUBLICATIONS:

- ❖ REVIEWS: 05
- ❖ NATIONAL RESEARCH PUBLICATIONS: 0
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 11
- ❖ H index - 03
- ❖ i10 Index - 00
- ❖ No of Citations - 1298

REVIEW PUBLICATIONS

1. Review on Insitu film forming systems International Journal Of Pharmacy and Pharmaceutical Research Volume 24 ,issue 3, Jun 2022, Mirajkar Reshma, , Daghe Shyam, Harne Abhishek, Madgulkar Ashwini.
2. Review article on “Omega 3 Fatty Acids- Clinical Implications in International Journal of Chem Tech Research (IJCTR) April-June 2011
3. Review article on “Formulation Development of Enteral Nutrition Products” in international Research Journal of Pharmacy (IRJP), March 2011
4. Review article on Taste Masking Agents and Methods in Pharmaceutical Formulations in international Research journal Of Pharmacy 2012,3 (8)

INTERNATIONAL RESEARCH PUBLICATIONS

1. Formulation Development Of ophthalmic insitu gel forming system of antifungal drug Clotrimazole Drug, International Journal Of Pharmaceutical Research and Applications Volume 8 ,issue 1 Jan –Feb 2023,:341-347
2. Formulation And Evaluation Of Topical Sustained Release Film Forming Gel Of Fluconazole, World Journal Of Pharmacy And Pharmaceutical Sciences, Volume 12, Issue 2, 869-889 Research Article ISSN 2278 – 4357
3. Formulation Development Of Sustained Release Epidural Injection Of Analgesic Drug, Journal Of Drug Delivery And Therapeutics 2019; 9(4-s):540-546
4. Evaluation Of Pharmacokinetic Studies And Analgesic Activity Of Sustained Release Epidural Injection Of Analgesic Drug On Wistar Rat, Journal Of Emerging Technologies And Innovative Research 2019 JETIR June 2019, Volume 6, Issue 6
5. Formulation development of sustained release intra-articular injection of analgesic drug, journal of drug delivery and therapeutics, 2018; volume:8 (issue: 4):209-217
6. Pharmacokinetic in vivo evaluation of in-situ gel forming injectable drug delivery system of analgesic drug, international journal of pharmacy and pharmaceutical research, july 2018 vol.:12, issue:4, 245-257.
7. Research Article on development of controlled release formulation of palonosetron hydrochloride using novel parenteral drug delivery system international research journal of pharmacy 2018, 9 (6)
8. Research Article On Formulation Development of In Situ Sponge Forming Injectable Drug Delivery System of Tramadol Hydrochloride in Human Journals , international journal of Pharmacy and Pharmaceutical Research, June 2017 Vol.:9, Issue:3
9. Research Article On Formulation Of An Insitu Forming Injectable Sustained Release Sponge Of Granisetron Hydrochloride In Journal Of Drug Delivery And Therapeutics, 2016; 6(4):55-62.
10. Research article on Development Of Controlled Release Formulation Of An Antiemetic Drug Using Novel Parenteral Drug Delivery Systems in World Journal of Pharmaceutical Research, Volume 5, Issue 7, 931-949, ISSN 2277– 7105, SJ IF impactor 6.805, June 2016

11. Research article on Formulation and optimization of mouth dissolving films of Lornoxicam using drug resin complex in International Journal Of Universal Pharmacy And Life Sciences,3(3): May-June 2013
12. Research article on Comparison of in vitro dissolution profiles of Cefpodoxime proxetil - Peg solid dispersions with Cepodoxime proxetil, in International Journal of Research in Ayurveda and Pharmacy(IJRAP),Vol2 March 2011

PRESENTATIONS:

As an Author: 10

As an Co-author: 01

❖ As an Author:

Poster/ORAL presentations entitled

1. Oral presentation on Formulation And evaluation of Sustained Release Intra-articular injection of Tramadol Hydrochloride . Avishkar 2018. Oral presentation
2. Oral presentation on Formulation development of an in-situ gel forming system for controlled delivery at INNOVATION-2017 , Regional Research Conference held at STE's Smt. Kashibai Navale College of Pharmacy as a BCUD sponsored project
3. Attended one day WORKSHOP on INSIGHTS OF ACCREDITATION PROCESS FOR AFFILIATED COLLEGES AISSMS COLLEGE OF PHARMACY organised by AISSMS COLLEGE OF PHARMACY SPOPNSORED BY SPPU ON 6 & 7 FEB 2018
4. Attended one day WORKSHOP on GRADUATION CEREMONY organised by Modern College of Arts , Science and Commerce Shivajinagar , Pune , in association with SPPU on 13/Jan /2016
5. Poster presentation on formulation of insitu gel forming parenteral drug delivery system ,at Avishkar 2015, at ALLANA college of Pharmacy, PUNE,sponsored by BCUD university of Pune(14/10/2015)
6. Poster presentation on Formulation And Evaluation Of In Situ Gelling Parenteral Drug Delivery System ,at 66TH IPC 2014, held at HItex City Hyderabad (23-25 /1/2015)
7. Poster presentation on Formulation of Novel Parenteral Drug Delivery Systems ,at Avishkar 2014, at Sinhgad college of Pharmacy, Narhe,sponsored by BCUD university of Pune(17/10/2014)
8. Poster presentation on Preparation And Evaluation Of Topical Mircoemulsion Containing Gel ,at Avishkar 2012, at Fergusson College Pune,sponsored by BCUD university of Pune(10/12/2012)
9. Poster presentation of Formulation development of Felodipine Hydrochloride SR Tablets Presentations At the 53rd Indian Pharmaceutical Congress 2001, New Delhi
10. .Poster presentation of Formulation development of Novel cough Jelly ,At CRS 2002 , Mumbai.

❖ **As a co-author:**

Poster presentations entitled

1. Poster presentation on Menorelief at . Avishkar 2022.
2. Oral presentation on Inhouse project Menorelief at Synapse State level project competition organized by AISSMS COP, 18/11/2022
3. Oral presentation on Inhouse project Menoreliefat inhouse project competition organized by AISSMS COP, Pune Sept 2022
4. Oral presentation on Inhouse project Menorelief at Ideathon Competition 2021
5. Poster presentation on Formulation And Evaluation Of Taste Masked Product Of Lornoxicam Using Ion Exchane Resin At 19th National Convention Of Apti,Pune (28th-30th NOV 2014) and Attended 19th National Convention Of Apticon

CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED:

1. Attended two days International Symposium of Controlled Release Society - Indian Chapter Advances in Technology and Business Potential of New Drug Delivery Systems
2. Attended two days National Level Seminar on In vitro In vivo correlation at AISSMS COP on 17 18 Jan 2019 organised by institute of Chemical technology , CONTROLLED RELEASE SOCIETY INDIAN CHAPTER on February 1st and 2nd, 2019 at Hotel The LaLit, Mumbai
3. Attended one day WORKSHOP on College Examinatoiiion Officers workshop at Nevil Wadia college of management organised by SPPU on 8/9/18
4. Attended one day WORKSHOP on GRADUATION CEREMONY organised by Modern College of Arts , Science and Commerce Shivajinagar , Pune , in association with SPPU on 13/Jan /2016
5. Attended one day WORKSHOP on examination systems organised by AISSMS COP, in association with UOP Feb 2014
6. Attended one day seminar on understanding the credit and GPA system at modern college of Pharmacy, Nigdi pune
7. Oral presentation on completed project of Univ Sponsored project on Topical Herbal Emulgels,at Innovation 2013, at Amrutvahini COP Sangamner (17/April/2013)

8. Participated in one day Workshop cum training Programme for College Examination officer arranged by University of pune , on 6/Nov /2012 at Modern College of Pharmacy, Nigdi.
9. Participated in University sponsored One Day Seminar on ‘Advances in TDDS , in Feb 2012,at AISSMS COP Pune
10. Participated in AICTE Sponsored two weeks Staff development Programme on NDDS:Past Present and Futurein Sept-Oct 2011,at Sinhad College of Pharmacy ,Vadgaon,Pune.
11. Participated in University sponsored National Seminar on ‘Pharmaceutical Technology Current Perspectives’, in Jan 2011,at AISSMS COP Pune.
12. Participated in innovation 2010 at Amrutvahini COP,Sangamner

Dr. Reshma Nilesh Mirajkar