



Mula Education Society's
College of Pharmacy, Sonai
A/P-SONAI, TAL- NEWASA, AHMEDNAGAR - 414 105 (MH) INDIA



I PERMANANTLY AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY. UNIVERSITY ID NO. - PU / AN / PHARM /80/2004 I

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DR. ANIL RAOSAHEB PAWAR

**Associate Professor and Head,
Department of Pharmaceutics**

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Mobile: 9823983856 & 8459079129

Qualification: M. Pharm PhD

PROFESSIONAL EXPERIENCE:

1. Worked as Assistant Professor, Department of Pharmaceutics from January 2008 to September 2018 in MES's College of Pharmacy, Sonai.
2. Working as Associate Professor, Department of Pharmaceutics from September 2018 to till date in MES's College of Pharmacy, Sonai.

TOTAL EXPERIENCE IN YEARS:

Teaching: 13

Research: 7

Industrial: NIL

Ph.D. STUDENTS GUIDED: NIL

M. PHARM. STUDENTS GUIDED: 23

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- Academic and Research Co-ordinator
- Student Development Officer
- AICTE related work

CORE COMPETENCY AREAS:

- Solubility, Dissolution and Bioavailability Enhancement.
- Formulation and Development.
- Self Microemulsifying Drug Delivery System (SMEDDS).
- NDDS.



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PUBLICATIONS:

1. **Pawar A. R.**, Belhekar S N, Mehetre J, Enhancement of aqueous solubility and oral bioavailability of class II drug by dry emulsion, International Journal of Pharmacognosy & Chinese Medicine, 2021, 5(2), 1-12.
2. **Pawar A. R.**, Chaudhari P. D, Self-microemulsifying drug delivery system for enhancement of oral bioavailability of Losartan, Drug Invention Today, 9(2), 2017, 35-41.
3. **Anil Raosaheb Pawar**, Pravin Digambar Choudhari, Ashwini Balasaheb Nidhane, Oral bioavailability enhancement of Sertraline Hydrochloride by nanoprecipitation and solvent diffusion techniques for stable nanosuspension, Asian Journal of Pharmaceutics, 10(3), 2016, S250-S258.
4. **Pawar Anil R.**, Choudhari Pravin D., Ghule Prashant J, Pawar Amol R., Bankar Prakash V., Study the effect of surfactant concentration and ultrasonication time on aqueous solubility, particle size and in-vitro drug diffusion of Ezogabine nanosuspension by 3^2 factorial designs, British Biomedical Bulletin, 4(1), 2016, 015-026.
5. **Pawar Anil R.**, Choudhari Pravin D., Pawar Amol R., Enhancement of aqueous solubility of Ezogabine: preparation and characterization of Ezogabine nanosuspension anticipated for nose to brain targeting by 3^2 factorial design, Journal of Applied Pharmacy, 8(3), 2016, 43-60.
6. **Pawar Anil Raosaheb**, Chaudhari Pravin Digambar, Development and validation of UV-visible spectrophotometric method for estimation of Ezogabine in tablet dosage form, IJAPBR, 1(2), 2016, 158-164.
7. **Anil Raosaheb Pawar**, Pravin Digambar Choudhari, Avadhut Vikas Darkunde, Formulation of solid dispersion of Ezogabine for solubility and bioavailability enhancement: In vitro and In vivo evaluation, IJDFR, 6(4), 2015, 35-57.
8. **Pawar Anil R.**, Choudhari Pravin D., Novel techniques for solubility, dissolution rate and bioavailability enhancement of class II and IV drugs, Asian journal of biomedical and pharmaceutical sciences, 2(13), 2012, 9-14.
9. Inayat Bashir Pathan, **Pawar Anil R.**, C. Mallikarjuna Setty, Development and evaluation of transdermal matrix patches of Aceclofenac, The Bioscan, 4(2), 2009, 1291-294.
10. Belhekar Santosh N, Chaudhari Pravin D, Pandhare Ramdas B, **Pawar Anil R.**, Effect of polyherbal and allopolyherbal formulation of streptozotocin nicotinamide induced diabetic nephropathy in rats, International journal of Toxicological and Pharmacological Research, 2016; 8(3); 138-145.
11. **Pawar A R.**, Belhekar S N and Mehetre J S, Enhancement of aqueous solubility and oral bioavailability of BCS class II drug by dry emulsion, International journal of Pharmacognosy and Chinese medicine, 2021, 5(2), 1-12.
12. R N Kulkarni, R B Pandhare, V K Deshmukh, P B Mohite, **A R Pawar**, High Performance Thin Layer Chromatography: A powerful analytical technique in



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- pharmaceutical drug discovery, Journal of Pharmaceutical and Biological Sciences, 2021, 9(1), 1-8.
13. **Pawar AR**, Agale KB, Unde OV, Shete NA, Deshmukh VK and Mehetre J S, Enhancement of Aqueous Solubility and Dissolution Profile of Atorvastatin Calcium: In vitro Evaluation of Solid Dispersion, Journal of Pharmaceutical Research & Reports, 2021, 2(4), 2-7.
 14. **Pawar A R**, Mundhe P V, Deshmukh V K, Pandhare R B, Nandgude T D, Enrichment of aqueous solubility and dissolution profile of Mesalamine: In vitro Evaluation of Solid Dispersion, Journal of Pharmaceutical and Biological Sciences, 2021, 9(2), 8-15.
 15. Nikhil Arun Shete, **Anil Pawar**, Vaijayanti Lokhande, Vishwajeet Swami, V. K. Deshmukh, QBD based development and validation of a stability indicating UHPLC method for pioglitazone and glimepiride, Journal of Pharmacy and Experimental Medicine, 2(2);1-8.
 16. Mahesh Gaikwad, Vinayak Deshmukh, **Anil Pawar**, Prashant Ghule, Sooraj Bendre, Sanket Jangale, Formulation and evaluation of fast disintegrating tablets of sertraline HCL by using natural super disintegrants, 4(2), 2016; 533 – 541.

LIST OF PRESENTATION IN CONFERENCE

1. Poster presentation at 69th IPC on “Enhancement of Aqueous Solubility and Oral Bioavailability of Olmesartan Medoxomil by Dry Emulsion” held at Chitkara University, Chandigarh, Punjab, Dec. 2017.
2. Poster presentation at Innovation 2017, SPPU, Pune on “Enhancement of Dissolution characteristics and oral bioavailability of class II drugs by spraydrying and dry emulsion techniques: In Vitro and In Vivo Evaluation” held at Smt. Kashibai Navale College of Pharmacy, Kondhawa, Pune, 18th November 2017.
3. Poster presentation at Savitribai Phule Pune University sponsored two days national conference on “Innovations in microemulsion and nanoemulsion drug delivery system” held at MES, College of Pharmacy, Sonai, December 2014.
4. Poster presentation at UGC sponsored national conference on “Innovative research and developments in pharmaceutical sciences” held at Bharati Vidyapeeth University, Pune, January 2012.

PRESENTATIONS/EXPERT TALKS:

1. Resource person for Savitribai Phule Pune University sponsored state level seminar on “Recent developments on Nasal drug delivery system: An Updates” at Abasaheb Kakade College of B. Pharmacy, Bodhegaon on 9 February 2019.
2. Guest lecture delivered on “Formulation and Development” at Dr. Vedprakash Patil Pharmacy College, Aurangabad on 13 February 2019.
3. Guest lecture delivered on “Formulation and Development” at SDMVM; s Diploma in



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Pharmacy Institute, GeoraiTanda, Aurangabad on 13 February 2019.

4. Guest lecture on “Micromeritics” to B. Pharmacy students at Pravara Rural College of Pharmacy, Loni on 24 March 2018.
5. Expert lecture delivered on “Thermodynamics” to second year B. Pharm students at Pravara Rural College of Pharmacy, Loni on 05 October 2018.
6. Online lecture delivered on “Sterile Dosage Form” to D. Pharmacy students of Yash Group’s Mula Education Society, Sonai on 11 May 2020.
7. Delivered a guest lecture on “**Pharmaceutical Product Development**” dated 22/01/2021 to B. Pharmacy students of Vasantidevi Patil Institute of Pharmacy, Kodoli, Kolhapur, Maharashtra.

SEMINARS / WORKSHOPS / CONFERENCES ATTENDED/ FACULTY DEVELOPMENT PROGRAMMES:

1. Attended AICTE sponsored one week online STTP on scientific research paper, patents and research paper writing for grants and an ethics organized by R C Patel Institute of Pharmaceutical education and research, Shirpur, Dhule from 25th to 30th April 2021.
2. Attended AICTE sponsored one day national workshop on implementation of national education policy (NEP) 2020 organized by Vasantidevi Patil Institute of Pharmacy, Kodoli, Kolhapur on 12th March 2021.
3. Attended MSBTE approved four week e-FDP on Tools for online Teaching Learning Process organized by Department of Pharmacy, Government Polytechnic, Jalgaon from 20/4/20 to 17/5/20.
4. Attended five days e-FDP organized by Dr. D Y Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association of APTI on Building Research and Innovative culture among Pharmacy Teachers from 18/5/20 to 22/5/20.
5. Attended five days e-FDP organized by B R Nahata College of Pharmacy, Mandur, MP and Madhya Pradesh Council of Science and Technology, Bhopal, MP on COVID 19 Outbreak: Challenges and Opportunities in Higher Education during 1/6/20 to 5/6/20.
6. Attended five days e-FDP organized by SatishPradhanDyanasadhna College, Thane, Department of Information Technology, University of Mumbai and Microsoft on Evolution from Offline to online Teaching during 30/5/20 to 3/6/20.
7. Attended one week e-FDP organized by Smt. KashibaiNawale College of Engineering, Pune in association with Spoken Tutorial, IIT, Bombay on Moodle: Learning Management System from 13/5/20 to 17/5/20.
8. Attended one week e-FDP organized by Srinath College of Pharmacy & Indian Pharmaceutical Association (Aurangabad Branch) on "Insight of Basic Techniques & Recent Advances in Pharmaceutical Education and Research: Application Perspective” held from 26/5/20 to 30/5/20.
9. Attended two days e-FDP organized by Sharadchandra Pawar College of Pharmacy,



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Junnar, Pune on Best Practices in Innovation IPR and Patents in Pharma during 26/5/20 to 27/5/20.

10. Savitribai Phule Pune University Sponsored national conference on “Recent Innovations in Pharmaceutical Sciences” was organized at MES COP, Sonai on 15th and 16th February 2019.
11. Savitribai Phule Pune University Sponsored national conference on “Intellectual Property Rights: New Age Challenges” was organized at MES COP, Sonai on 16th and 17th February 2018.
12. Savitribai Phule Pune University Sponsored national conference on “Innovations in Microemulsion and Nanoemulsion drug delivery system” was organized at MES COP, Sonai on 8th and 9th December 2014.
13. University of Pune Sponsored national conference on “Novel approaches for solubility, dissolution and bioavailability enhancement of poorly soluble drugs: In-vitro and In-vivo evaluation” was organized at MES COP, Sonai on 18th and 19th October 2013.
14. Attended “Faculty Development Programme” at Mula Education Society, Sonai on 22nd and 23rd August 2018.

RESEARCH PROJECTS:

1. Received research grant of **Rs. 75000** from Savitribai Phule Pune University, Pune for the minor research project entitled “**Enhancement of Dissolution characteristics and oral bioavailability of class II drugs by spray drying and dry emulsion techniques: In Vitro and In Vivo Evaluation**” (2016-2018).

PROFESSIONAL TRAINING:

1. Introduction to and internal auditing of quality management systems As Per ISO 9001-2008 Int. Standard organized at V.P. Productivity & Quality Services, Nashik – 411 018 on 01st -02nd Jan. 2010.
2. Current educational services and future enhancements for the benefits of academic and corporate field organized by VM EDUlife Pvt. Ltd. On 2nd April 2016.

PROFESSIONAL AFFILIATIONS:

- APTI Life Member