

Miss. Jadhav P.H., M. Pharm.

Assistant Professor

Campus Address:

ANNASAHEB DANGE COLLEGE OF B. PHARMACY, ASHTA

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Education:

Ph.D. Registration (2014): Shivaji University, Kolhapur, Maharashtra (Govt. College of Pharmacy, Karad, Maharashtra)

M. Pharm. (2013): Govt. College of Pharmacy, Karad, Maharashtra

B. Pharm. (2011): Govt. College of Pharmacy, Karad, Maharashtra

Professional Work Experience:

1 July 2013 to 28 Oct 2015: MSS's College of Pharmacy, Medha, Satara

29 Oct 2015 to 30 Apr 2018: Govt. College of Pharmacy, Karad, Maharashtra

1 July 2019 to till the date: Annasaheb Dange College of B. pharmacy, Ashta

Teaching	Research	Industry	Total
4.2 Years	2.6 Years		6.8 Year

Professional Affiliations: Registered Pharmacist (Registration No. 120151); Life member of Karad Pharmacy Student's Federation (KPSF)

Subject Taught: UG- Pharmaceutical analysis, Pharmaceutical polymer chemistry, Medicinal chemistry-I

Research Foci: Cyclodextrin technique, Computer aided drug and molecular design, Dissolution studies,

Number of Research Projects: 01

**Grants** Received: Rs. 10Lac

Number of Publications: 12 (Book Chapter = 01)

Resource Person Presentations: 00

Selected Publications:

- Jadhav P. H., Pore Y. V., Petkar B. S., Burade K. B., Kulkarni A. S. (2016) Physicochemical and molecular modeling studies of Cefixime cyclodextrin ternary inclusion compounds. Carbohydrate Polymer, 98, 1317-1325.
- Jadhav P., Pore Y. (2017). Physicochemical, thermodynamic and analytical studies on binary and ternary inclusion complexes of Bosentan with hydroxypropyl- $\beta$ -cyclodextrin. Bulletin of Faculty of Pharmacy, Cairo University. 55, 147-155.
- Pore Y., Jadhav P. (2017). In silico and physicochemical assessment of effectiveness of hydroxy/amino acids as auxiliary substances to improve the complexation efficiency of  $\beta$ -cyclodextrin towards Bosentan. Asian Journal of Chemistry. 11, 1-9.
- Jadhav P., Pore Y. (2021). Piperine-hydroxy acid-cyclodextrin inclusion complexes; physicochemical, computational and  $^1\text{H}$  NMR studies: PART I Asian Journal of Pharmaceutics. (Published).
- Jadhav P., Pore Y. (2021). Piperine-hydroxy acid-cyclodextrin inclusion complexes; antioxidant, anti-inflammatory and stability studies: PART II Asian Journal of Pharmaceutics. (Published).
- Jadhav P., Pore Y. (2020). "Descriptive Study: In silico and physicochemical assessment of the effectiveness of hydroxy/ amino acids as auxiliary substances to improve the complexation efficiency of  $\beta$ -cyclodextrin towards bosentan. book chapter in: Current Perspectives on Chemical Sciences
- Chungade V. H., Kulkarni C. G., Jadhav P. H., Dhekale P. S., Salunkhe S. Urinary calculi dissolving activity of Indian herbs, an in vitro study; A step towards rationalization. Research Journal of Pharmaceutical, Biological, and Chemical Sciences.