

## 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

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
2.7 Years	2.6 Years	-	5.1 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. 10 Lac

**Number of Publications:** 10

**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.
- Kumbhar C. M., Patil S.Y., Yadav P. S., **Jadhav P. H.**, Metkari V. B. (2014) Prophylactic effect of hydroalcoholic extract of colocasia esculata leaves in CFA and formaldehyde induced arthritis in rats. Asian Journal of Pharmaceutical Research and Development. 2(1), 52-59.
- 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.