

# RESUME

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## OBJECTIVE

To be the responsible part of a research organization contributing devotedly for the excellence of the organization. Willing to work as key player in challenging & creative environment.

## M.PHARM RESEARCH WORK INVOLVED

**Development of Bilayer tablet: An Approach Towards Antihypertensive Combination Drug Therapy.**

Completed **Master of Pharmacy (Pharmaceutics)** at **Govt. College of Pharmacy, Aurangabad (MS)** under guidance of **Dr. S.R.Shahi**.

## SCOPE OF PROJECT

- Simultaneous estimation of drugs
- Combination drug therapy for hypertensive patients
- Two different release approach i.e. sustained release and immediate release
- 3<sup>2</sup> factorial design method for formulation of bilayer tablet
- Zero order release mechanism and super case II transport mechanism, calculated from PCP Disso software

## ACEDMIC BACKGROUND

- **S.S.C.:** Completed in academic year **2000-2001** with **62.00%** from New High School Belpura, Amravati.
- **H.S.C.:** Completed in academic year **2002-2003** with **51.00%** from Vidya Bharati Junior College, Amravati.
- **B.Pharm:** Completed in academic year **2003-2007** with **59.75%** from Government College of Pharmacy, Amravati, under Sant Gadge Baba Amravati University, Amravati.
- **M.Pharm:** Completed in academic year **2007-2009** with **67.10%** from Government College of Pharmacy, Aurangabad, under Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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## INSTRUMENT HANDLED

- Good preliminary knowledge of pre-formulation studies and formulation development.
- Handling of equipments and instruments related to development of oral solid, liquid dosage form.
- Handling of analytical instrument such as UV visible Spectroscopy PC by Shimadzu, Fourier transfer infrared spectroscopy by Shimadzu, Differential Scanning Colorimeter 60 by Shimadzu, etc.

## COMPUTER SKILLS

- Microsoft Window 95/98/2000/2007
- Ms-Office: Word, Excel, PowerPoint
- Internet Tools, Search engines
- Software handled: **PCP Disso, Stat Ease, ISIS Draw, Chem Sketch, Chem-4D, Corel Draw, Prism**

## PROJECT/ ACHIEVEMENT / ASSOCIATION

- Attended two day seminar on Dissolution: IVIVC by Umesh Banakar, organised by Government College of Pharmacy, Aurangabad.
- Attended 3<sup>rd</sup> Indo Canadian Symposium organised by Government College of Pharmacy, Aurangabad.
- Attended one day seminar on Patent, Jointly conducted by Indian Patent office on 17<sup>th</sup> Oct. 2008.

## PUBLICATIONS/PRESENTATIONS

- Extended release microcapsule of pentazocine hydrochloride by coacervation phase separation technique. **JPR**, Feb 2009.
- Controlled release microcapsule of ketorolac tromethamine by coaccervation phase separation technique. **Pharma Review**, July 2009.
- Formulation of bilayer tablet containing metoprolol succinate and amlodipine besylate as a model drug for antihypertensive therapy. **JPR**, Aug 2009.
- Formulation and evaluation of floating capsules of clarithromycin. **JPR**, Aug 2009.
- Formulation and evaluation of hydrodynamically balanced system of ciprofloxacin hcl. **IJPRD-online**, Sept 2009.
- Formulation and evaluation of quick dispersible tablet of olanzapine. **IJPRD-online**, Sept 2009.

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## TRAINING

Undergone two month Industrial Training at Glacier Pharmaceuticals Pvt. Ltd. Amravati, during 16<sup>th</sup> May 2006 to 10<sup>th</sup> July 2006.

## REFERENCES

**Dr. S. R. Shahi, (M.Pharm Ph.D)**

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