

## RESUME

### **Dr. Vijaya Uday Barge**

Professor in Pharmaceutical Quality Assurance

Vice Principal

PDEA's SUCOPSRC, Kharadi

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**Qualifications:** M. Pharm. Ph.D. (Pharmaceutical Chemistry)

**Experience:** 20 years

#### **Research interests:**

1. Development and validation of High Performance Liquid Chromatographic methods for estimation of API/drug in Pharmaceutical Dosage Forms.
2. Development and validation of Stability Indicating Assay Methods for estimation of API/drug in Pharmaceutical Dosage Forms.
3. Development and validation of LC-MS method for estimation of drugs
4. LC-MS/MS characterization of drugs and impurities
5. Development and validation of UV-Vis Spectrophotometric analytical methods for estimation of API/ Pharmaceutical Dosage Forms.

**Ph. D. Dissertation topic:** Development of validated stability indicating assay methods for some drugs and their formulations.

**Guide:** Dr. S. D. Sawant

**M. Pharm Dissertation topic:** Development of analytical methods for determination of omeprazole and cisapride from pharmaceutical dosage form.

**Guide:** Dr. A. V. Kasture

**Membership of professional Bodies:** APTI

**Research Publications:** 30

**Research Presentations:** 06

**Research grants:** Completed two BCUD sponsored research projects

1. **Topic:** Development of validated stability indicating assay method for olmesartan and hydrochlorothiazide in combined dosage form and of metoprolol succinate and hydrochlorothiazide

**Grant received:** Rs. 1,00,000/-

2. **Topic:** Development of validated analytical methods for some drugs in pharmaceutical dosage form.

**Grant received:** Rs. 3,00,000/-

#### **Workshops/ Conferences attended:**

1. Attended **Q. I. P.** on 'Trends in Pharmaceutical Analysis' at J.S.S College of Pharmacy, Ooty, Tamil Nadu from 14th Feb to 20th Feb. 2006.
2. Attended **Q. I. P.** on 'Advances in Chromatographic Techniques' at BVDU's Poona College of Pharmacy, Pune from 18th Feb to 1st Mar. 2008.
3. Attended **National workshop** on 'Modern Trends in Advanced Analytical Techniques' at Nawrosjee Wadia College, Pune from 8<sup>th</sup> Jan to 10<sup>th</sup> Jan.
4. Attended around **31** Seminars/ Conferences/ Workshops on various topics.

#### **Special Achievements:**

- Received **National Merit Scholarship for 6 yrs.**
- Was awarded **Best Research Project Award** by University of Pune for the Year 2008.
- Qualified **GATE-98** exam
- B. Pharm from **Govt College of Pharmacy, Karad**
- M. Pharm from **Dept. of Pharmaceutical Sciences, Nagpur University.**

#### **Responsibilities**

1. Organised Two days State Level Seminar on Advances in Pharmaceutical Analysis
2. Organised National level workshop on Emerging trends in Pharmaceutical Analysis
3. Central Instrument Lab Incharge
4. Training and Placement Coordinator
5. HOD, M. Pharm
6. Academic Incharge
7. Active participation in PCI, AICTE, LIC, affiliation, GC LMC/ GB CDC, NIRF documentation preparation.
8. Organised two days entrepreneurship awareness camp
9. Worked as Member of Local Inquiry Committee of UOP.
10. Working as teacher representative on Local Managing Committee.
11. Coordinator, Women's Grievance Redressal
12. Coordinator, Research Advisory Committee