



Shri Sadashivrao Patil Shikshan Sanstha's

**Smt. Kishoritai Bhoyar College of Pharmacy**

(UGC Approved Research Center &amp; 34th All India Rank, NIRF, MHRD, Govt. of India)

**MR.R.T.LOHIYA****Educational Qualification:** M. Pharm**Designation:** Head of Department**Department:** Pharmaceutical Chemistry**Email Id:** rtlohiya@gmail.com**Qualifications:**

Course	Specialization	University	Year
M. Pharm	Pharmaceutical Chemistry	RTM Nagpur University	1997-1999
B. Pharm	Pharmaceutical sciences	RTM Nagpur University	1993-1997

**Total experience in years:20 years****Academics:** 18 Years**Under Graduate (B.Pharm):** 20 Years**Post Graduate (M.Pharm):** 15 Years**Professional experience:**

1. Working as a Head of Pharma Chemistry Department, at Smt. Kishoritai Bhoyar College of Pharmacy, New Kamptee. Dist. Nagpur.
2. Worked as an Assist. Prof. & Asso. Prof., at Smt. Kishoritai Bhoyar College of Pharmacy, New Kamptee. Dist. Nagpur.

**Institutional and administrative responsibilities**

NSS Coordinator

Incharge student pharmacy council

Bus incharge

Head, Admission committee (PG)

Co-ordinator of Career Guidance Seminars

Coordinator of Student Grievances Cell

Coordinator Knowledge cell

Coordinator of Anti-ragging committee

**Research area / expertise:**

1. **Development of validated analytical methods** for API and pharmaceutical formulation.

2. **Phyto pharmacological screening of medicinal plants**
3. **Synthesis of some novel organic compounds** as antimicrobial, Anticancer, Analgesic-Anti-inflammatory
4. **Stability studies of drugs**
5. **Dissolution studies of formulation.**

**No. of M. Pharma Student Guided: 44**

**Books written:** 1) **“A text book of Biochemistry and Clinical Pathology”,  
Carrier Publication, Nashik**  
2) **“Synthetic aspects of Organic and Medicinal Chemistry”PV Books,  
S,Vikas and Company,Jalandhar**

**Publications:**

- 1) Development of UV spectrophotometric method for the simultaneous estimation of meloxicam and paracetamol in tablet by simultaneous equation, absorbance ratio and absorbance correction method. International Journal of ChemTech Research 2 (3), 1586-1591
- 2) Useful permeation enhancers for transdermal drug delivery: a review Int J Pharm Res Dev 2 (5), 1-6
- 3) Simultaneous UV Spectrophotometric estimation of Metoclopramide hydrochloride and Paracetamol in solid dosage form J. Pharm. Sci. & Res. Vol.2(1), 2010, 48-52
- 4) Spectrophotometric determination of naproxen and esomeprazole in a laboratory mixture by simultaneous equation, absorption correction, absorption ratio and area under curve methods International Journal of Pharma Sciences and Research 2(5), (2011): 130-134.
- 5) Spectrophotometric determination of an atypical antipsychotic compound in pharmaceutical formulation International Journal of ChemTech Research ,2009,(4), 1153-1161
- 6) Stability Indicating RP-HPLC Assay Method for Estimation of Dronedarone Hydrochloride in Tablet Journal of Applied Pharmaceutical Science. 2015 May; 5(5): 83-88.
- 7) Spectrophotometric Method Development for Determination of Levocloperastine Fendizoate in Bulk and Pharmaceutical Dosages Form Asian Journal of Research in Chemistry . Aug2011, Vol. 4 Issue 8, p1231-1234
- 8) Epidermal Growth Factor Receptor (EGFR) inhibitors for tumor anti-angiogenesis activity
- 9) A validated RP-HPLC method for estimation of Metoclopramide Hydrochloride and Paracetamol in solid dosage form Journal of Pharmacy Research,2010,3(12),3064-3066
- 10) Development of UV spectrophotometric methods for simultaneous estimation of Cefuroxime Axetil and Linezolid in pharmaceutical dosage form,2020,9(3),19-27
- 11) Synthesis and antibacterial activity of novel alkyl amino guanidine derivative, IJRCMP

## **Presentations**

1. Raut SU, Moon PN, Gupta KR, Hemke AT, **Lohiya RT**. Impurities: Identification, profiling and characterization. 1<sup>st</sup> National convention on recent advances in pharmaceutical sciences and drug discovery, KNCP, Butibori, Nagpur. **(2009)**
2. Virutkar VN, Gupta KR, Hemke AT, **Lohiya RT**. Drug development process of new chemical entity. 1<sup>st</sup> National convention on recent advances in pharmaceutical sciences and drug discovery, KNCP, Butibori, Nagpur. **(2009)**
3. Rathod PR, Nayan SK, **Lohiya RT**, Gupta KR, Hemke AT, Umekar MJ. Phase transfer catalysis: In replacing strong bases with inexpensive organic bases. 1<sup>st</sup> National convention on recent advances in pharmaceutical sciences and drug discovery, KNCP, Butibori, Nagpur. **(2009)**

## **Membership of Learned Societies and Professional Bodies**

Life Member Association of Pharmaceutical Teachers of India (APTI)

Ex. Jt. Secretary, APTI (Maharashtra)

Executive member, APTI (National)

Life Member Maharashtra State Pharmacy Council

Member of Indian Pharmaceutical Association (IPA)

Secretary, IPA Nagpur Branch

## **Professional and Research contribution (100 words) :**

Looking after the fear faced by students for Pharmaceutical chemistry, Joined academics to make the subject interesting by using some innovative tool and illustrative examples. Apart from the teaching, attempts were made to inculcate social quotient in students by involving them thorough NSS, various social activities. Even attempts were made to make them all-rounder by organizing various extra curricular activites like Jitesh Gupta state level cricket tournament, state level dance competition. Being a pioneer faculty in pharmaceutical chemistry , till date guided 44 PG students on various issues In research like determination of intrinsic stability and development of analytical method of new drug/formulation were carried out using different instruments like UV, HPLC and HPTLC; Phytochemical research includes extraction, isolation and a pharmacological screening of some medicinal plants; synthesis and pharmacological screening of some medicinal derivatives using modern synthetic approaches.