

## CURRICULUM VITAE

### Dr. Manoj Gadewar

M.Pharm., Ph.D (IIT Guwahati)

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### EDUCATION

Degree	University/Institution	Year
Ph.D.	Indian Institute of Technology, Guwahati	2017
M. Pharm. (Pharmacology)	JSS College of Pharmacy, Ooty	2007
B. Pharm.	Pune University	2003

### PROFESSIONAL EXPERIENCE- 10.1 years

Institution	Position	Period
Kandhar College of Pharmacy, Kandhar	Principal	July 2016- April 2017
Sri Kakatiya Institute of Pharmaceutical Sciences, Warangal, A.P.	Assistant Professor	Sept 2008 to July 2016
Aurobindo College of Pharmaceutical Sciences, Warangal, A.P.	Lecturer	Feb 2007 to Aug 2008

**SUBJECTS TAUGHT-** Pharmacology, Anatomy and Physiology, Biosensors, Enzymology

### RESEARCH

- Citations (google scholar) :  
185 <https://scholar.google.co.in/citations?user=xWjx8Z0AAAAJ&hl=en>
- H index 07
- I10 index 05

## **PUBLICATIONS (Under review)**

1. **Manoj Gadewar**, Arun Goyal, Utpal Bora. Antidiabetic evaluation of *Dillenia indica* in STZ-induced diabetic rats.
2. **Manoj Gadewar**, Arun Goyal, Utpal Bora. Antidiabetic evaluation of *Solanum indicum* and *Solanum torvum* in STZ-induced diabetic rats a comparative study.

## **RESEARCH PUBLICATIONS**

1. Prashanth Gopala Krishna, Prashanth Paduvarahalli Ananthaswamy, **Manoj Gadewar**, Utpal Bora, Nagabhushana Bhangi Mutta. **2016**. *In Vitro* Antibacterial And Anticancer Studies Of ZnO Nanoparticles Prepared By Sugar Fueled Combustion Synthesis. *Advanced Materials Letters*.  
DOI: 10.5185/amlett.2016.6424
2. Arghya Sett, **Manoj Gadewar**, Pragya Sharma, Manab Deka, Utpal Bora. **2016**.  
Green synthesis of gold nanoparticles using aqueous extract of *Dillenia indica*.  
*Advances in Natural Sciences: Nanoscience and Nanotechnology*.7, 025005.  
DOI:10.1088/2043-6262/7/2/025005
3. GK Prashanth, PA Prashanth, U Bora, **M Gadewar**, BM Nagabhushana. *In Vitro* antibacterial and cytotoxicity studies of ZnO nano powders prepared by combustion assisted facile green synthesis. *Karbala International Journal of Modern Science*. 2015: 1 (2), 67-77. DOI: dx.doi.org/10.1016/j.kijoms.2015.10.007
4. K Patel, **M Gadewar**, V Tahilyani, DK Patel. A review on pharmacological and analytical aspects of diosmetin: a concise report. *Chinese Journal of Integrative Medicine* 2013; 19 (10), 792-800. DOI: 10.1007/s11655-013-1595-3
5. D K Patel, K Patel, **M Gadewar**, V Tahilyani. Pharmacological and bioanalytical aspects of galangin-a concise report. *Asian Pacific Journal of Tropical Biomedicine*. 2012: 2 (1), S449-S455. DOI:10.1016/S2221-1691(12)60205-6
6. K Patel, **M Gadewar** , R Tripathi, D K Patel. Pharmacological and analytical aspects of gymnemic acid: a concise report. *Asian Pacific Journal of Tropical Disease*. 2012: 2 (5), 414-416. DOI:10.1016/S2222-1808(12)60090-5
7. K Patel, **M Gadewar** , R Tripathi, SK Prasad, D K Patel A review on medicinal importance, pharmacological activity and bioanalytical aspects of beta-carboline alkaloid Harmine. *Asian Pacific Journal of Tropical Biomedicine*. 2012: 2 (8), 660-664. DOI: 10.1016/S2221-1691(12)60116-6
8. D K Patel, K Patel, **M Gadewar**, V Tahilyani. A concise report on pharmacological and bioanalytical aspect of sinigrin. *Asian Pacific Journal of Tropical Biomedicine*.

- 2012: 2 (1), S446-S448. DOI: 10.1016/S2221-1691(12)60204-4
9. D K Patel, K Patel, **M Gadewar**, V Tahilyani. A concise report on pharmacological and analytical aspect of bergenin. Asian Pacific Journal of Tropical Disease. 2012: 2 (2), 163-167. DOI: 10.1016/S2222-1808(12)60037-1
  10. Kanika Patel, **M Gadewar**, V Tahilyani, D K Patel. A review on pharmacological and analytical aspects of diosgenin: a concise report. Natural products and bioprospecting 2012; 2:46–52. DOI: 10.1007/s13659-012-0014-3
  11. K Patel, D Laloo, GK Singh, **M Gadewar**, DK Patel. A review on medicinal uses, analytical techniques and pharmacological activities of Strychnos nux-vomica Linn: A concise report. Chinese Journal of Integrative Medicine; 2017: 1-13. doi:10.1007/s11655-016-2514-1
  12. **Gadewar M**, Goyal A, Bora U. Lipid lowering agents. Pharma times 2015; 47(9): 11-12

#### **PATENT**

1. Green synthesis of metallic nanoparticles by fruit extract and uses thereof. **(692/KOL/2014)**

#### **PRESENTATIONS**

1. **Manoj Gadewar**, ArunGoyal, Utpal Bora. 2014. Novel Herbal Drug Delivery System. 4<sup>th</sup> Biennial International Conference on New Development in Drug Discovery from Natural Products and Traditional Medicine. NIPER, Mohali. 20-22<sup>nd</sup> Nov 2014.
2. **Manoj Gadewar**, E. P. Kumar. 2007. Review on antidiabetic herbs used by Tribal community of Nilgiris district in Tamil Nadu. 2<sup>nd</sup> International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products held at JSS College of Pharmacy, Ooty from 22-24 Feb 2007.

#### **CONFERENCES/WORKSHOP ATTENDED**

1. 4<sup>th</sup> Biennial International Conference on New Development in Drug Discovery from Natural Products and Traditional Medicine. NIPER, Mohali. 20-22<sup>nd</sup> Nov 2014.
2. National Workshop on Intellectual Property Rights held at National Institute of Technology, Warangal from 15-16<sup>th</sup> Feb 2008.
3. 2<sup>nd</sup> International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products held at JSS College of Pharmacy, Ooty from 22-24 Feb 2007.

## GUIDANCE

M. Pharmacy 10 students.

## EXPERIMENTAL SKILLS

- Basic pharmacological experiments (*in vivo* and *in vitro*):- special interest in hyperlipidemic and diabetic studies, **toxicological experiments such as oral acute and chronic toxicity;-basic anticancer studies – ascites tumor models;-** Expertise in handling and maintaining experimental animals such as rats, mice, guinea pigs and rabbits.
- **Histopathology of organs** such as brain, lungs, and liver including different staining techniques.
- Basic skills and techniques in **Mammalian cell culture**
- Synthesis and characterization of **Metallic Nanoparticles**.

## INSTRUMENTAL SKILLS

Handling of various instruments like

- Cell analyzer
- Auto analyser
- Digital plethysmometer
- HPLC
- UV spectrophotometer
- IR spectrophotometer
- Fluorimeter

## ACHIEVEMENTS

1. Recipient of **National Doctoral Fellowship** by AICTE, New Delhi, for Ph.D. studies.
2. **Qualified GPAT 2013** with all India rank of 1927.
3. **Qualified GATE examination** conducted by Indian Institute of Technology (IIT), Chennai, India with rank 726 in 2003.
4. Received scholarship for Post Graduate Studies from “All India Council of Technical Education (AICTE)”, New Delhi, India.
5. Received “**Sir Ratan Tata Trust Scholarship**”.
6. Received **National scholarship** in SSC (1996) and HSC (1998)

## **PERSONAL DETAILS**

Date of Birth : 01-07-1981  
Place of Birth : Udgir, Maharashtra  
Father's Name : Mr. Manik Gadewar  
Mother's Name : Mrs. Manorama Gadewar  
Languages Known : English, Hindi and Marathi.  
Marital Status : Married

## **REFERENCES**

### **1) Prof. Utpal Bora**

Dept. of Biosciences and Bioengineering  
Indian Institute of Technology  
Guwahati-781039 (Assam)  
Mobile No. 09954096847  
Email- ubora@iitg.ernet.in

### **2) Prof. Arun Goyal**

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**Manoj Gadewar**