

## BIODATA

**Name:** Vinay Pandit

**Designation:** Lecturer



**Qualification:** M. Pharm, (Ph.D)

**Professional Interest:** Teaching, training, guiding and orienting undergraduate and post graduate students in the area of Pharmaceutics especially in the area of Pharmacokinetics and clinical trials. Attending workshops and seminars associated to pharmaceutics, novel drug development and drug delivery and pharmacokinetics.

**Research Interest:**

Novel drug delivery systems, Drug targeting, Gastroretentive drug delivery systems and *In vitro/In vivo* Correlation

**Recognition Received:**

- Received 2<sup>nd</sup> prize for the oral presentation entitled “Pharmacokinetics of floating microspheres of metformin Hydrochloride” at International Conference on Drug Delivery” conducted by PSG College of pharmacy, Coimbatore. On 21 and 22<sup>nd</sup> Jan 2011.
- Received a research grant of rupees 17.20 lakhs from All India Technical Council of Education, under the Research Promotional Scheme (RPS) as co-principal investigator for the project entitled “Optimization of therapy of diabetes: Chronotherapeutic combination approach.py” during the year 2009.
- Received a research grant of rupees 30,000/- from Rajiv Gandhi University of Health Sciences, Bangalore, for carrying out a short research project.
- Qualified Graduate Aptitude Test for Engineering (GATE) in Pharmaceutical Sciences during the year 2003.
- Rank in Rajiv Gandhi University of Health Sciences during post graduation (5<sup>th</sup> Rank) and under graduation (6<sup>th</sup> Rank)
- Vice President for In pharm association of India
- Assistant Editor for Journal of Young Pharmacist, Systematic Reviews in Pharmacy
- Reviewer for Drug Development and Industrial Pharmacy, International Journal of Medicine and Medical Sciences (IJMMS) and International Journal of Research in Pharmaceutical Sciences.

### **Current Professional Activities:**

#### **Academics:**

- Teaching under graduate students in the subject areas of pharmaceutics, pharmaceutical technology and biopharmaceutics, pharmaceutical engineering and physical pharmaceutics
- Teaching Post Graduate students in the subject areas of Formulation Technology and Validation.

#### **Research:**

- Design and evaluation of floating drug delivery systems, colon targeted systems and fast dissolving systems.
- Formulation and evaluation of herbal ointments, tablets and gels

#### **Others:**

- Member of Examination panels of Rajiv Gandhi University of Health Sciences, Bangalore, Board of Examining authority, Karnataka, Involved in routine student evaluation procedures such as conducting examinations and evaluation.
- Appointed as Chief Verification Officer for Under Graduate Examination of Feb. 2011 & Sep. 2007 from Rajiv Gandhi University of Health Sciences, Karnataka.

#### **Current research activities:**

- Formulation and Evaluation of Novel Drug Delivery Systems for Diabetes
- Formulation and evaluation of floating drug delivery system for methyl dopa-Co Guide
- Formulation and evaluation of mouth dissolving drug delivery system for granisteron-Co Guide
- Formulation and development of Herbal Gels for Psoriasis- Industrial Project.
- Formulation and development of Herbal ointments- Industrial Project.
- Improving the stability of hard gelatin capsules at various RH and temperature conditions-Industrial Project

#### **Experience and work Responsibility:**

##### **Academics:**

- Taught theory and practicals in Biopharmaceutics and Pharmacokinetics, Advanced Industrial Pharmacy, Pharmaceutical Technology, Physical Pharmaceutics, Pharmaceutics and Pharmaceutical Engineering, for undergraduate students.
- Taught theory and practicals in Pharmaceutics I, Pharmaceutics II, Hospital and Clinical Pharmacy, Drug Store and Business Management for diploma students.

- During the teaching carrier successfully handled a number of academic related responsibilities such as Paper setting, Valuation, Co-coordinator for valuation, Observer for university and board level examinations.

### Extra Curricular Activities

Al-Ameen College of Pharmacy, Bangalore

- a. Chief Warden for boy's hostel
- b. Sessional Committee - Member
- c. R and D Cell – Member

### Publications:

**Book Authored:** Compiled various Laboratory manuals for UG students in the subjects like Pharmaceutical Engineering, Pharmaceutics and Pharmaceutical Technology.

### Paper Published:

### Research Papers:

- **V. Pandit**, S. Suresh, B. Sanath, H.S. Shekhar, D. Daniel and H. B. Matalia. Retrospective prescription-based survey in type 2 diabetes in an Indian tertiary care hospital. *Int. J. Res. Pharm. Sci.* 2011; 2(3): 1-4.
- **Vinay Pandit**, Sarasija Suresh and Hemanth Joshi. Gastroretentive Drug Delivery System of Amoxicillin: Formulation and *In vitro* evaluation. *Int. J. Pharma and Bio sci.* 2010; 1(2):1-10
- Aisha Khanum, **Vinay Pandit** and Shyamala Bhaskaran. Formulation and Evaluation of bilayer tablets of propranolol hydrochloride. *Indian J. Pharm. Educ. and Res.* 2009; 43(2): 290-296 (Impact factor. 0.147)
- **Vinay Pandit**, Aisha Khanum, Shyamala Bhaskaran and Vasiha Banu. Preparation and evaluation of tolterodine tartarate transdermal films for the treatment of overactive bladder. *Int. J. Pharm. Tech.* 2009; 1 (3): 799-804.
- **Vinay Pandit**, Yadav Vivek Ramshanker, Sarasija Suresh, Rapid microtiter plate assay for determination of Metformin in plasma, *Oriental J. of Chemistry.* 2009; 25 (1) : 143-146.
- Yadav Vivek Ramshanker, Sarasija Suresh, **Vinay Pandit**, Puranik SB, Reverse phase high performance liquid chromatographic method for estimation of curcumin. *Oriental J. of Chemistry.* 2009; 25 (1): 105-110.
- Yadav Vivek Ramshanker, **Vinay Pandit**, P.Vijayan, Antioxidant, antimicrobial and cytotoxicity properties of the methanolic extract from *Grewia tilliaefolia* Vahl. *Pharmacognosy Magazine*, 2008; 4 (16): 330-335.

- Sarasija Suresh and **Vinay Pandit**. Formulation and evaluation of novel multiparticulate combination system of clarithromycin and omeprazole. Pharmbit. 2008; Vol. XVII (2) : 134-140.
- Vivek Ramshankar, **Vinay Pandit**, Sarasija Suresh and Seema Yadav. Curcumin Loaded Palmitic Acid Microparticles: Formulation and Optimization Using Factorial Design. In Pharm Commnique, 2008; 1 (1):15-18.
- **Vinay Pandit**, Sarasija Suresh and Hemanth Joshi. Fast Dissolving Tablets of Salbutamol for effective treatment of acute Asthma. Indian J. of Pharm. Sci. 2007; 69 (3): 467-469.

#### **Reviews:**

- **Vinay Pandit**, and Sarasija Suresh. Emerging role of biorhythms in drug therapy. Indian J. of Novel drug delivery system. 2009; 1 (1): 2-10.
- **Vinay Pandit**, Hardik Matiala, Aisha Khanum and Yadav Vivek Ramshankar. Alternatives to animal testing : A need for the day. Pharmnext, Vol 1 (2):16-19.
- **Vinay Pandit**, Sarasija Suresh and Hemanth Joshi. Peptic Ulcer and Its Management. J. Pharm. Res. 2008; 2 (4):48-57.

#### **Papers Presented:**

#### **INTERNATIONAL:08**

**Presented papers in Oral & Poster Session of Pharmaceutical Technology at international conference on drug delivery -2011, at PSG college of Pharmacy, Coimbatore, Tamil Nadu.**

- Pharmacokinetics of floating microspheres of metformin hydrochloride—Oral Presentation (**Bagged 2<sup>nd</sup> Prize**)
- Preparation and characterization of Pioglitazone cyclodextrin inclusion Complexes
- Survey on Type 2 Diabetes Patients in an Indian Tertiary Care Hospital of Bangalore

Presented a paper in Oral Session entitled “**Formulation and evaluation of solid dispersions of pioglitazone hydrochloride**” at international conference on drug delivery -2010, at PSG college of Pharmacy, Coimbatore, Tamil Nadu.

Presented a paper in Poster Session entitled “**DNA Microarray: A cutting edge technology for authentication of herbal materials**” at international herbal conference 2009, Bangalore.

Presented paper in Poster Session entitled “**Development Of Rifampicin-Cyclodextrin Complexes By Spray Drying Method**” at International Conference, Bangalore

Presented paper in Poster Session entitled “**Formulation and evaluation of repaglinide solid Dispersion and cyclodextrin complexes**” at International Conference, Bangalore

Presented paper in Poster Session of Pharmaceutical Technology entitled “**Fast Dissolving Tablets of Salbutamol for effective treatment of acute Asthma**” at International Conference on Health Systems, Mysore.

## **NATIONAL: 11**

**Presented papers in Poster Session** of Pharmaceutical Technology entitled “**Taste masking of cephalexin by microencapsulation technique**” at IPC, Manipal, Dec. 2010

**Presented papers in Poster Session of Pharmaceutical Technology at APTICON 2009, Jodhpur, 2009.**

- Invitro / invivo evaluation of metformin hydrochloride floating microspheres.
- Rudraksa-A wonder seed of India.

**Presented papers in Poster Session of Pharmaceutical Technology at IPC, Varanasi, 2007.**

- Enhancement of solubility and stability of curcumin upon inclusion into parent and modified cyclodextrin.
- Hydrogel based controlled release drug delivery-A novel approach.
- Oral drug delivery carriers liposomes-A novel approach

**Presented papers in Poster Session of Pharmaceutical Technology at APTI, Chandigarh, 2007.**

- Chitosan microspheres of naproxen sodium.
- Gastro retentive dosageform of clarithromycin :A novel approach for treatment of peptic ulcer.

**Presented paper in Poster Session** of Pharmaceutical Technology entitled “**Alternatives to Cosmetic Testing**” at ICTA, 2004.

**Presented paper in Poster Session** of Pharmaceutical Technology entitled “**Gastro retentive Dosage form of Amoxicillin for the effective treatment of Peptic Ulcer**” at IPC, Kolkata, 2004.

**Presented paper in Oral Session** of Pharmaceutical Technology entitled “**Novel Micro Particulate Approach for the Treatment of Peptic Ulcer**” at IPC, Hyderabad, 2005.

## **WORKSHOPS/SDP/TOT ATTENDED/ ORGANIZED:**

- Undergone UGC summer/winter training programme “**Emerging trends in drug discovery and development**” at University Institute of Pharmaceutical Sciences, Chandigarh, from 31<sup>st</sup> May 2010 to 12<sup>th</sup> June 2010
- Undergone two days **Training of Teacher’s programme** organized by Al-Ameen College of Pharmacy Bangalore in 2009.
- Undergone twelve days staff development programme entitled “**New strategies in Pharmaceutical technology**” organized by PES college of Pharmacy, 2009
- Participated in workshop entitled “**Challenges for dissolution testing in the 21<sup>st</sup>**”

century” organized by IPA Bangalore in may 2009.

- Member of workshop on “**Effective Thesis writing and Job opportunity in pharmaceutical sciences**” sponsored by AICTE in June 2008.
- Participated in workshop entitled “**Science of scientific writing**” organized by American association of govt. college of pharmacy alumni New york USA in 2005
- Participated in workshop entitled “**Environmental Management in Pharmaceutical Industry**” sponsored by AICTE in May 2004.
- Participated in workshop entitled “**Research Methodology, Biostatistics and Ethical Aspects of Research**” sponsored by RGUHS in August 2004.
- Joint Secretary for National Conference on “**Drug Discovery, Development & Clinical trials: Current status and the way forward**” held at Shoolini university, Solan, Himachal Pradesh from June 26-27, 2010.
- Coordinator LOC, In international herbal conference 2009 held at Bangalore in Feb 2009
- Member of workshop on “**Research method and scientific writing**” sponsored by AICTE, ICMR, DST and RGUHS in December 2008.

**Professional memberships:**

Life Member of In Pharm Group of Young pharmacist of India.

Life Member of Association of Pharmaceutical Teachers India

**Personal Information:**

**Date of Birth:** 17th August 1978

**Languages:** English, Hindi, Kangari and Punjabi

**Marital Status:** Married

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