

Curriculum Vitae



Dr. Vivekanand A. Chatpalliwar

International Exposure

2016 Attended **3rd Annual Conference in Pharmaceutical Sciences, Athens, Greece**, organized by **Athens Institute of Education and Research**, on 2nd – 5th May, 2016

Awards

2016 First Prize in a Scientific Presentation in category of Pharmaceutical Chemistry at **International Conference in Pharmaceutical Sciences** held by Aurobindo College of Pharmacy, Indore, on 27th and 28th February, 2016
The presentation was entitled, **Molecular Modeling, Design, Synthesis and *in vitro* Glucokinase Activation Assay of Few 2-Aminobenzamide Derivatives**.

Peer-Review

2015-'16 **Journal of Chromatographic Science**

2010-'11 *Archiv der Pharma*

Degrees

2008 **Doctorate in Pharmaceutical Sciences (Ph. D.)**

Rashtrasant Tukadoji Maharaj Nagpur University
Amravati Road, Nagpur 440 033

Thesis in Pharmaceutical Chemistry entitled "Synthesis and Study of Some Potential Mutual Prodrugs"

Place of Research: Department of Pharmaceutical Sciences Nagpur University Campus, Amravati Road, Nagpur 440 033

1997 **Masters Degree in Pharmacy (M. Pharm.)**

First Class (63.33 %; Jun. 1996-Nov. 1997)

Field of Specialization: Pharmaceutical Chemistry
Nagpur University, Amravati Road, Nagpur 440 001

Thesis in Pharmaceutical Chemistry entitled "Synthesis and Study of Mutual Prodrugs of Naproxen and Mefenamic acid"

Place of Research: Department of Pharmaceutical Sciences Nagpur University Campus, Amravati Road, Nagpur 440 033

1996 **Bachelors Degree in Pharmacy (B. Pharm.)**

First Class (63.56 %; Apr. 1996)

Place of Graduation: Nagpur College of Pharmacy (Now renamed as Sharad Pawar College of Pharmacy) run by Nagar Yuvak Shikshan Sanstha, Nagpur, located at Wanadongri, Hingna Road, Nagpur 440 010

1996 **GATE -96, 84.41 percentile** A National Level examination entitled **GRADUATE APTITUDE TEST IN ENGINEERING** Conducted by **INDIAN INSTITUTE OF TECHNOLOGY, Kanpur**

Examination conducted in XL-Sciences (included Chemistry, Life Sciences, Pharmaceutical Sciences, Microbiology, and Biochemistry)

Research Experience 18 years

2013 **Board of Colleges and University Development**, University of Pune, has granted a project entitled "Design, Synthesis, and Structure-Activity Relationship around 2-Amino Group of benzamide Derivatives for α -Glucokinase Activators", worth Rs. 2, 50, 000/-

The Project has been successfully completed.

- 2005 – till date** Has successfully supervised 25 students to pursue research as a part of P. G. programme
Approved Ph. D. Guide, University of Pune, Ganeshkhind, Pune, 411 007 *vide* letter no. BUTR/Pharmacy/74-803, dated 13/7/2013
Approved P. G Teacher, University of Pune, Ganeshkhind, Pune, 411 007 *vide* letter no. BUTR/Pharmacy/1483-93, dated 30/4/2012
Approved P. G Teacher, North Maharashtra University, Jalgaon, Maharashtra *vide* letter no. NMU/11/PGR/1126/2006
- 1998-2005** Research Scholar for Ph.D. at University Department of Pharmaceutical Sciences, University, Amravati Road, Nagpur. Worked alone in the Pharmaceutical Chemistry laboratory for 3 years during initial period; pursued many students to participate in Ph. D programme for enhancing their career.
- 1996-97** Worked on M. Pharmacy project for the partial fulfillment of degree of M. Pharm. (partly by paper and partly by thesis) at University Department of Pharmaceutical Sciences, University, Amravati Road, Nagpur, 440 003

Teaching Experience of 18 years

- 2009- till date** Currently working as a **Professor in Pharmaceutical Chemistry** at Shri Neminath Jain Brahmacharyashram's Shriman Sureshdada Jain College of Pharmacy, Jain Gurukul, Neminagar, At/p. Tal. Chandwad, Dist. Nashik – 423 101
Affiliated to University of Pune, Pune
- 2008 – 2009** **Professor in Pharmaceutical Chemistry** and **Principal** at Seth G. L. Bihani S. D. College of Technical Education, SriGanganagar, Rajasthan **Affiliated to Rajasthan University of Health Sciences, Jaipur**
- 2005 – 2008** **Assistant Professor in Pharmaceutical Chemistry** at R. C. Patel Institute of Pharmaceutical Education and Research, Karvand Naka, Shirpur, Dist.: Dhule, 425 405
Affiliated to North Maharashtra University, Jalgaon
- 2000 – 2004** **Lecturer in Pharmaceutical Chemistry** at J. L. Chaturvedi College of Pharmacy, Nandanvan, Nagpur
Affiliated to Nagpur University
 Approved by **Nagpur University** *vide* letter no. CS\2\1196, dated 13-8-2001
- 1998 – 1999** **Lecturer in Pharmaceutical Chemistry** at Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee, Dist.: Nagpur
Affiliated to Nagpur University

Projects

Title	Tenure	Fund
Design and Developing Structural Activity Relationship around 2-Amino group on Benzamide Derivatives for α -Glucokinase Activators	2013-'15	Rs. 2, 50, 000/-

Research Interest

- Small molecules Glucokinase activators as prospective anti-diabetic drugs
- Indole derivatives as potential PPAR- γ agonists for anti-diabetic activity
- Glycogen phosphorylase inhibitor as anti-hyperglycemic activity
- Reactions involving ring-opening by a nucleophilic attack
- Development of analytical/bio-analytical methods for estimating drug-molecules used concomitantly in chronic diseases

Services Offered

- 2000** Volunteer at the *Mega Alumni Meet* held at University Department of Pharmaceutical Sciences, Nagpur University, Nagpur
- 2000** Volunteer at the 19th National Convention of Indian Pharmacy Graduate Association, held at Nagpur
- 2005** **Member of Organizing Committee** at One-Day Training Programme entitled "Recent Trends in Pharmaceutical Analysis", held at R. C. Patel College of Pharmacy, Shipur, Dhule

- 2006** Member of Organizing Committee at One-Day Training Programme entitled "Recent Trends in Pharmaceuticals and Nutraceuticals", held at R. C. Patel College of Pharmacy, Shipur, Dhule
- 2007** Delivered a lecture entitled, "**Dried Blood Spot Test: A Tool for Multiple Analyses**", at an A. I. C. T. E. -sponsored QIP Programme organized at R. C. Patel Inst. Pharm. Res. Edu., Shirpur, Jan 2007
- 2011** Invited for a lecture at an A. I. C. T. E. -sponsored Staff Development Programme entitled, "Recent Trends in Drug Discovery Development and Delivery Techniques", organized by J. L. C. C. P., Nagpur, held during 12/9/2011 – 24-9-2011. The lecture was entitled, "**Recent Trends in Anti-Diabetic Research**"
- 2011** Invited for a lecture at Savitribai Phule Pune University sponsored State Level Conference on 'Theory and Practice of Pharmaceutical Organic Chemistry', from 19th-20th March, 2012. The lecture was entitled, "**Separation Techniques: Theory and Practical Approach**"
- 2011** Delivered a Lecture entitled, "**Nomenclature and Stereochemistry**", at MGV's S. P. H. College of Pharmacy, Malegaon, and District: Nashik, on 30th November, 2011
- 2012** Delivered a Lecture entitled, "**Stereochemistry: Basics**", at K. B. H. College of Pharmacy, Malegaon, District: Nashik, on 31st January, 2012
- 2012** Delivered a lecture on "**Aromaticity: Basics**" at G. E. S.'s College of Pharmaceutical Education and research, Nashik, on 26th Dec., 2012
- 2013** Chaired a **Scientific Session of Pharmaceutical Chemistry** at 2nd National Convention of **Association of Pharmacy Professionals** held at S. S. D. J. College of Pharmacy, Chandwad, Nashik, on 17th of March, 2013
- 2013** **Member of Organizing Committee** of 2nd National Convention of **Association of Pharmacy Professionals** held at S. S. D. J. College of Pharmacy, Chandwad, Nashik, on 17th of March, 2013
- 2015** Invited for Honorary lecture at Savitribai Phule Pune University sponsored State Level Conference on 'Chemistry: An important Subject in Pharmacy', 10th of January, 2015, "**Should the Importance of Chemistry in Pharmacy be Discussed?**"
- 2016** **Co-ordinator** of One-Day Seminar entitled "Clinical Trials: Current Scenario in India" sponsored by Savitribai Phule Pune University held on 28th of January, 2016 at SNJB's SSDJ College of Pharmacy, Neminagar, Chandwad.
- 2016** A member of organizing committee of a Savitribai Phule Pune University sponsored Two-Day seminar entitled "Emerging Trends in Drug Discovery and Drug Development" held on 29th & 30th January, 2016 at SNJB's SSDJ College of Pharmacy

Services at the Home and Other University Level

1. Appointed as an **Academic and Research Co-ordinator** at S. S. D. J. Coll. Pharm., Chandwad, Dist.: Nashik, since Jul. 2010 till date, to bridge duties between the college and **B. C. U.D., University of Pune**
2. Member of Staff Selection Committees for the Subject of Pharmaceutical Chemistry in the Capacity of **Vice-Chancellor's Nominee**, University of Pune
3. Expert Member for Selection of Ph. D. Candidates and for Approval of Ph. D. Projects in University of Pune
4. Member of Laboratory Approval Committees, University of Pune
5. Examiner at Ph. D. level at Maharaj Sayajirao University, Baroda
6. Examiner at P. G. and U. G. level at University of Pune
7. Examiner at P. G. and U. G. level at R. T. M. Nagpur University, Nagpur
8. Examiner at U. G. level at North Maharashtra University, Jalgaon
9. Referee for **Evaluating Ph. D. Thesis** at **Maharaja Sayajirao University**, Baroda, Gujarat and at **Mahatma Jyotirao Phule University**, Jaipur, Rajasthan

Publications

1. **Chatpalliwar, V. A.,** Joharpurkar, A. A., Wanjari, M. M. and Kharkar, V. T., Antiinflammatory Activity of *Martynia diandra* Glox. Indian Drugs, 39 (10), **2002**, 543-545
2. **Chatpalliwar, V. A.,** Joharpurkar, A. A., Wanjari, M. M. Chakraborty, R.R., and Kharkar, V. T., Anti-nociceptive Activity of *Martynia diandra* Glox., Indian Journal of

Pharmacology, **2003**, 35, 320-321

3. **Chatpalliwar, V. A.**, Joharpurkar, A. A., Wanjari, M. M. Chakraborty, R.R., and Kharkar, V. T., Anxiolytic Activity of Ethanolic Extract of *Martynia diandra* Glox., Indian Drugs, 41 (1), **2004**, 56-57
4. **Chatpalliwar, V. A.**, Verma, P. R., Rabra, V. R., Asnani, A. J. and Kharkar, V. T., Antinociceptive Activity of *Cissus quadrangularis* Linn., Indian Drugs, 41(5), **2004**, 290-293
5. Verma, P. R., Joharpurkar, A. A., **Chatpalliwar, V. A.** and Asnani, A. J., Anti-nociceptive Activity of Alcoholic Extract of *Hemidesmus indicus* R. Br. in Mice, Journal of Ethnopharmacology, 102 (2), **2005**, 298-301
6. Jadhav, J. S., Khadse, S. C., Patil, R. R., **Chatpalliwar, V. A.**, Synthesis and Study of Some New Derivatives of Benzoxazolone, Indian Journal of Heterocyclic Chemistry, 17, **2008**, 343-346
7. Bhavar, G. B. and **Chatpalliwar, V. A.**, Quantitative Analysis of Propranolol Hydrochloride by High Performance Thin Layer Chromatography, Indian Journal of Pharmaceutical Sciences, Indian Journal of Pharmaceutical Sciences, May-June, **2008**, 70, 395-98
8. Bhavar G. B., **Chatpalliwar, V. A.**, Patil, D. D. and Surana, S. J., Validated HPTLC Method for Simultaneous Determination of Quinapril Hydrochloride and Hydrochlorothiazide in a Pharmaceutical Dosage Form, Indian Journal of Pharmaceutical Sciences, **2008**, 70, 529-31
9. **Chatpalliwar V. A.**, Pawan K. Porwal, Neeraj Upmanyu, Validated Gradient Stability Indicating HPLC Method for Determining Diltiazem Hydrochloride and Related Substances in Bulk Drug and Novel Tablet Formulation, Journal of Pharmaceutical Analysis, **2012**, 2 (3), 226-237
10. Khadse S. C. **Chatpalliwar V. A.**, Synthesis of Benzamides by Microwave Assisted Ring Opening of Less Reactive Dimethylaminobenzylidene Oxazolone, Arabian Journal of Chemistry, **2012**, <http://dx.doi.org/10.1016/j.arabjc.2012.12.020>
11. Pawan K. Porwal, Akhalaque Ahmad R. A., Santosh S. Chhajed, **Vivekanand A. Chatpalliwar**, Liquid Chromatographic Method for Simultaneous Quantitation of Clopidogrel, Aspirin and Atorvastatin in Rat Plasma and its Application to the Pharmacokinetic Study, Journal of Chromatographic Science, **2015**;53(7)1155

Presentations

1. "Antinociceptive Properties of Some Extracts of *Martynia Diandra* Glox., Martiniaceae" 34th Annual Conference of Indian Pharmacological Association, I. G. M. C., Nagpur, 10th-12th January **2002**
2. Synthesis and Evaluation of a Mutual Prodrug of Nalidixic acid and Metronidazole, International Symposium on Drug Discovery and Process Research at Shivaji University, Kolhapur, 23rd-25th January **2003**
3. Synthesis and Evaluation of Some New Mannich Base Prodrugs of Ibuprofen, ICRABTS 2004, Lucknow, 13-15 January **2004**
4. Anti-convulsant Effects of Alcoholic Extract of *Hemidesmus indicus* R. Br., ICRABTS 2004, Lucknow, 13-15 January **2004**
5. Anti-arthritis Effects of Alcoholic Extract of *Martynia diandra* Glox. in Acute and Chronic Arthritis Models and Isolation of Active Principles, 13th-15th January **2004**
6. Crystallization: Conventional and Novel Techniques, Indian Pharmaceutical Conference, Hyderabad, 2nd-4th December **2005**
7. Synthesis and Study of Some New 2(3H)-Benzoxazolone Derivatives for Antiinflammatory, Analgesic and Skeletal Muscle Relaxant Activities, 19-20th January **2007**
8. Synthesis and Study of Indole Derivatives for Anti-diabetic Activity, 19-20th January **2007**
9. Synthesis and Anti-Diabetic Study of Few Indole Derivatives, 21st-23rd, December **2007**
10. Synthesis and Anti-Diabetic Activity of Some Indoleacetic acid Derivatives, International Conference on Drug Discovery and Nanotechnology, Nanded, 27th- 29th January **2008**
11. Synthesis and Anti-Diabetic Study of Few Indole Derivatives, National Conference on Innovations in Drug Discovery and Research, Patiala, Punjab, 3rd-5th March **2009**

12. Development of a Novel HPLC Method for Simultaneous Estimation of Eight Anti-Hypertensive Drugs: Rational, HPLC, Method Validation and Application to Human Plasma Assay, APTICON-2014, Pune, 28th-30th Nov., 2014
13. Design, Docking, Synthesis, and *in vitro* Binding Assay of Few Benzamide Derivatives for Glucokinase Activity, "Drug Design and Drug Targeting in Metabolic Disorders", 22nd and 23rd December, 2014, at Dr. Bhanubai Nanavati College of Pharmacy, Mumbai
14. Molecular Modeling, Design, Synthesis and *in vitro* Glucokinase Activation Assay of Few 2-Aminobenzamide Derivatives, "International Conference on Innovations in Pharmaceutical Sciences" held at Sri Aurobindo College of Pharmacy, Indore, on 27th and 28th February, 2016
15. **Oral Presentation** entitled "Design, Docking, Synthesis and *in vitro* Binding Studies of Few Benzamide Derivatives with Glucokinase Enzyme" at the **3rd Annual Conference in Pharmaceutical Sciences, Athens, Greece**, organized by **Athens Institute of Education and Research**, on **2nd May, 2016**

Conferences/Training Programmes Attended

1. Second National Convention, held by Indian Pharmaceutical Wing, at Institute of Pharmacy, Borgao, Wardha, on 2nd October **1999**
2. 19th Annual Conference of Indian Pharmacy Graduated Association, organized by Maharashtra Branch and Department of Pharmaceutical Sciences, Nagpur University, Nagpur, during 25-27 February, 2000; clubbed with the Mega Alumni Meet, held at the Department of Pharmaceutical Sciences, Nagpur University, Nagpur, on 26th-27th February, **2000**
3. All India Council of Technical Education, New Delhi sponsored, "Staff Development Programme", conducted at Department of Pharmaceutical Sciences, Nagpur University, Nagpur from 18th December 2000 to 6th January **2001**
4. Pharmacy Council of India and World Health Organization sponsored, "Professional Training Programme for Pharmacist," held at S. G. S. I. T. S. Department of Pharmacy, Indore, during 25-30 June **2001**
5. 34th Annual Conference of Indian Pharmacological Association, organized at I. G. M. C., Nagpur, during 10-12 January **2002**
6. All India Council of Technical Education, New Delhi sponsored Quality Improvement Programme, held at K. L. E.' S College of Pharmacy, Belgaum from 10th-21st June, **2002**
7. International Symposium on Drug Discovery and Process Research (DRDP-2003) organized by Shivaji University, Kolhapur, 23-25 January **2003**
8. One Day Training Programme on Computer Aided Drug Design, organized at Prin. K. M. Kundanani College of Pharmacy, Mumbai on 1st October, **2005**
9. International Conference on Drug Discovery and Research, organized by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, 19-20th January, **2007**
10. National Conference on Innovations in Drug Discovery and Research, Patiala, Punjab, 3rd - 5th March, **2009**
11. One-Day Seminar on "Current Scenario of Treatment and Research on Diabetes Mellitus", S. G. R. S. Coll. Pharm., Saswad, Univ. Pune, 10th Jan **2011**
12. Three-Day Programme on Structural Elucidation of Organic Compounds", S. C. O. P., Pune, Univ. Pune., 18th-20th Jan, **2011**
13. National Conference of Pharmaceutical Analysis held at Dr. Babasaheb Ambedkar Marathwada University, Auragabad, from 15th-17th of Sep., **2011**
14. One Day Seminar on, Current Scenario, Opportunities and Challenges in Pharmaceutical Sciences", at MGV's College of Pharmacy, Panchavati, Nashik, on 20th February, **2012**
15. Three Day National Seminar on Spectroscopic Techniques at NDMVP's College of Pharmacy, Nashik, from 25th to 27th February, **2013**
16. University of Pune Sponsored B. C. U. D., **INNOVATION-2012**, Regional Research Conference, 18th- 19th May, **2012**
17. University of Pune Sponsored B. C. U. D., **INNOVATION-2012**, Regional Research Conference, 18th- 19th May, **2014**
18. APTICON-2014, Pune, 28th-30th Nov., 2014

19. National Conference on Drug Design and Drug Targeting in Metabolic Disorders, 22nd and 23rd December, 2014, at Dr. Bhanubai Nanavati College of Pharmacy, Mumbai

20. International Conference entitled “**INNOVATIONS IN PHARMACEUTICAL SCIENCES**” organized by Aurobindo College of Pharmacy, Indore, held on 27th and 28th February, 2016.

21. International Conference entitled “**3rd Annual Conference in Pharmaceutical Sciences**”, Athens, Greece, organized by Athens Institute of Education and Research, from 2nd – 5th May, 2016

Programmes/ Events Organized

1. One Day Workshop on Recent Advances in Pharmaceutical Analysis, jointly organized by APTI, M.S. Branch and R. C. Patel College of Pharmacy, Shirpur, 24th September, **2005**

2. Workshop on Screening Techniques in Experimental Pharmacology, jointly organized by ISTE Chapter, M.S. Branch and R. C. Patel College of Pharmacy, Shirpur, 1st-2nd October, **2005**

3. One Day Seminar on Recent Trends in Drug Design, sponsored by University of Pune, 12th March, **2011**

4. Two-day State Level Seminar on Biopharmaceutical and Statistical Aspects in Drug Delivery System, 10th – 11th, March, **2011**