

# Resume

**Name:** Dr. Vivek Tomar

**Email Address:** [vivek.tmr81@gmail.com](mailto:vivek.tmr81@gmail.com)

**Contact Number:** +91-8279490116

**LinkedIn Profile:** NA

## A. Professional Summary

- **Years of Experience:** 19 years
- **Specialization:** Pharmacology, Pharmaceutical Research, Pre-clinical & Clinical Research
- **Key Skills:**
  - Pharmacological Research
  - Expertise in animal handling and pharmacological activity evaluation
  - Development of herbal drug formulations
  - Research Methodologies and Analysis
  - Curriculum Development and Academic Management
- **Achievements:**
  - Honored with the Best Principal in Pharmacy Award (2024) by OMA Welfare Trust
  - Recognized as Youngest Principal Award (2023)
  - Awarded Pharma Recognition Award (2020) and Excellence in Scientific Research (2018)

## B. Education

- **Ph.D. in Pharmacology**, Jiwaji University, Gwalior (2013)
- **M. Pharm. in Pharmacology**, Institute of Pharmacy, Bundelkhand University, Jhansi (2006)
- **B. Pharm.**, Institute of Pharmacy, Bundelkhand University, Jhansi (2004)

## C. Professional Experience

- **Current Position:** Director, SR Group of Institutions (College of Pharmacy), Since 01/02/2023
- **Previous Positions:**

- Director, Bhagwan Aadinath College of Pharmacy, Lalitpur (11/2019 to 01/2023)
- Associate Professor, MET Faculty of Pharmacy, Moradabad (02/2017 to 11/2019)
- Associate Professor, Institute of Professional Studies, Gwalior (10/2013 to 02/2017)
- Lecturer, Institute of Professional Studies, Gwalior (08/2007 to 10/2013)
- Lecturer, Technocrats Institute of Pharmacy, Bhopal (03/2006 to 08/2007)
- **Responsibilities and Achievements:**
  - Oversee academic and research strategies
  - Supervision of research projects, including a Ph.D. dissertation on herbal pharmacology
  - Mentor students and junior faculty members
  - Conduct pre-clinical and clinical research to evaluate herbal drugs

#### D. Skills

- **Technical Skills:**
  - Hematoanalyzer, Biochemical Analyzer, CNS Apparatus, Plethysmometer
  - Animal Handling and Dosing Techniques (oral, i.p., s.c.)
- **Soft Skills:**
  - Effective Communication
  - Leadership and Academic Management
  - Mentorship and Student Guidance
  - Punctual, Optimistic & Hardworking

#### E. Publications & Presentations

- **Publications:**
  1. Dilip Kumar Chanchal, Jitendra Singh Chaudhary, **Vivek Tomar**, Rakesh Kumar Niranjana, Meenal Soni, Saumya Gupta, Deeksha Jain, Shahbaz Khan. Herbal Remedies and their Enzyme Inhibitions in Modern Pharmacy for Health and Wellness. **Advances in BioResearch** 2024; 15(4); 183-196.

2. Rajpoot R, Chaudhary JS, **Tomar V**, Shimpi M. Advancing Glaucoma Therapy by Exploring the Efficacy and Potential of Brimonidine Niosomal Gel. **International Journal of Pharmaceutical Quality Assurance**. 2024;15(3):1796-1802.
3. JS Chaudhary, R Verma, DK Chanchal, MS Sahu, SR Mishra, **V Tomar**, M Pandey, A Dubey, S Khan. Development and optimization of extended-release tablets using biodegradable natural binders for enhanced antidiabetic therapy. **Biochemical & Cellular Archives**, 2024.
4. Jitendra Singh Chaudhary, Rohit Verma, Dilip Kumar Chanchal, Miss Seema Sahu, Soumya Ranjan Mishra, **Vivek Tomar**, Mahima Pandey, Anubhav Dubey and Shahbaz Khan (2024) Development and optimization of extended-release tablets using biodegradable natural binders for enhanced antidiabetic therapy. **Biochem. Cell. Arch.** 24, 2575-2579. DOI: [https:// doi.org/10.51470/bca.2024.24.2.2575](https://doi.org/10.51470/bca.2024.24.2.2575)
5. Malviya S, Jain N, Yadav S, **Tomar V**. "Anti-diabetic and anti-cataract evaluation of different extract of *Butea monosperma* Linn. in STZ induced diabetic animals". **Journal of Drug Delivery and Therapeutics**, 2018;8 (6-A): 53-57.
6. Parmar D, Jain N, **Tomar V**. "Anti-arthritic evaluation of different extract of *Boerhaavia diffusa* Linn FCA induced arthritis in rats." **Journal of Drug Delivery and Therapeutics**, 2018; 8 (5-S): 388-393
7. Mohapatra PK, Nagalakshmi CH, **Tomar V**, Gupta M.K, Verma H.C. "Formulation and in-vitro evaluation of controlled released Transdermal drug delivery system of simvastatin a model hypercholesterolemia drug". **International journal of current pharmaceutical review and research**, 2018;9(5).
8. Mohapatra PK, Pratibha CH, **Tomar V**, Gupta M.K, Sahoo S." Design and development of losartan potassium floating drug delivery system". **International journal of applied pharmaceutics**, 2018;10(6)
9. **Tomar V**, Jain N. "Altered Pharmacokinetics of Nimesulide in fixed dose combination with Paracetamol in Rabbits." **International journal of Pharmaceutical sciences and research**, 2018; 9(3).
10. **Tomar V**, Tonpay S.D, Alok S. "Effect of ethanolic extract of leaves of *Passiflora Insarnata* linn. in streptozotocin-induced diabetes in rats." **International journal of Pharmaceutical sciences and research**, 2016; 7(10): 4246-4252.
11. Dwiwedi G, **Tomar V**. "Protective effect of *Ipomoea aquatica* against reserpine induced oxidative stress in brain using mice." **International Journal of Basic & Clinical Pharmacology**, 2016; 5(5): 2123-2129.

12. Jadon A, Bhadauriya P, **Tomar V**, Kannoja P. "In-vitro enzyme inhibitory effects of *Sphaeranthus Indicus* flower heads ethanolic extract on  $\alpha$ -amylase and  $\alpha$ -glucosidase enzymes in relation to In-vivo antidiabetic effect on streptozotocin induced diabetic rats." **World Journal of Pharmaceutical Sciences**, 2016; 4(3): 351-362.
13. Kannoja P, Kumar P, Singh R, **Tomar V**. "Hypolipidemic effect of aqueous extract of *LAGENARIA SICERARIA* in hypercholesterolemic rats." **International Journal of Advances in Pharmaceutical Research**, 2013; 4(2): 1434-1440.
14. Dwivedi G, Nagar H, Tiwari D, Kannoja P, **Tomar V**, Chandel HS. "Protective effect of *Ipomoea Aquatica* against haloperidol induced oxidative stress in brain of mice." **International journal of Pharmacology and therapeutics**, 2013; 3(1): 50-56.
15. Jadon AS, Kannoja P, **Tomar V**. "Recent Molecular Events Concerned with Pathogenesis and Management of Diabetic Cardiomyopathy." **International journal of Pharmaceutical research**, 2013; 5(3).
16. **Tomar V**, Garud N, Kannoja P, Garud A, Jain NK, Singh N. "Enhancement of Solubility of Acyclovir by Solid Dispersion and Inclusion Complexation Methods." **Der pharmacia letter**, 2010; 2(5): 341-352.
17. Mishra SK, Mishra P, Gupta CP, Kannoja P, Garud N, **Tomar V**. "Synthesis, characterization and biological evaluation of some azetidinone derivatives with naphthalamine moiety." **Journal of pharmacy research**, 2010; 3(4).
18. Yadav P, Chauhan SJ, Kannoja P, **Tomar V**. "A Review: on scale-up factor determination of rapid mixer granulator." **Der pharmacia letter**, 2010; 2(5): 23-38.
19. **Tomar V**, Kannoja P, Jain KN, Dubey KS. "Anti-nociceptive and anti-inflammatory activity of leaves of *Hibiscus-rosa sinensis*." **International journal of research in ayurveda and pharmacy**, 2010; 1(1): 201-205.
20. Jain A, Dubey S, Gupta A, Kannoja P, **Tomar V**. "Potential of herbs as cosmaceuticals." **International journal of research in ayurveda and pharmacy**, 2010; 1(1): 71-77.
21. Kannoja P, Garud A, **Tomar V**, Solanki S. S, Garud N. "Analgesic effect of herbal preparation Rasnasaptak kadha." **Indian journal of natural product**, 2009; 25(4): 11.
22. Jain M, Yadav A, **Tomar V**, Kannoja P, Solanki S. S, Tonpay S.D. "Possible Pharmacological basis for Antithrombotic effect of *Glycyrrhiza*

*Glabra* in Sprague Dawley rats." **International journal of pharmaceutical sciences and drug research**, 2009; 1(2): 113-115.

23. Shrivastava R, Solanki S. S, **Tomar V**, Garud N, Kannoja P, Jain N. "Comparative evaluation of polyherbal combination for hypolipidemic activity." **International journal of pharmaceutical sciences and drug research**, 2009; 1(1): 9-12.
24. Garud N, **Tomar V**, Garud A, Tyagi A. "Hypoglycemic activity of ethanolic extract of *Trigonella foenum* and *pterocarpus marsupium*." **Plant Indica**, 2008; 4(2): 21-22.
25. Garud N, **Tomar V**, Garud A, Sharma P.K. "Antidiabetic study and evaluation of combination of different commonly used herbal drugs." **The Antiseptic**, 2007; 104(9): 476-479.
26. Garud N, **Tomar V**, Garud A, Tonpay S.D. "Antidiabetic study and evaluation of ethanolic extract of *Moringa oleifera* leaves." **Indian journal of applied life science**, 2007; 2(1): 77-78.
27. Garud N, **Tomar V**, Garud A, Tonpay S.D, Kaushik A. "Antimicrobial activity of methanolic extract of *Calotropis gigantea*." **Indian journal of applied life science**, 2007; 3(2): 36-37.
28. Garud N, **Tomar V**, Garud A, Maheshwari M. "Topical liposomal gel with Aceclofenac:characterization and in vitro evaluation." **The pharmacist**, 2007; 2(2): 41-44.
29. Garud N, **Tomar V**, Garud A, Tonpay S.D. "Formulation and characterization of mucoadhesive buccal patches of Keto-profen." **The Pharmacist**, 2007; 2(1): 7-12.
30. Garud N, **Tomar V**, Garud A, Tonpay S.D. "Antidiabetic activity of ethanolic extract of *Trigonella foenum* seeds and *Pterocarpus marsupium* wood." **The Pharmacist**, 2007; 2(1): 25-27.

- **Conference Presentations:**

1. "Role of Pharmacological Agents in Modulating Mitochondrial Function" (2024)
2. "Review on Potential of Triazole Derivatives and Pharmacological Activities" (2023)
3. Delivered oral presented on "**The role of Pharmacological agents in modulating mitochondrial function and metabolism**" in one day **International conference** on the theme **Emerging cutting-edge research and innovations in pharmaceutical, life sciences and technology** organized by Career Point University, Kota held on March 16, 2024.

4. Delivered oral presented on **“Review on potential of Triazole derivatives and its pharmacological activities”** in two day 3<sup>rd</sup> **International conference** on the theme **innovation in chemical, biological and pharmaceutical sciences** organized by Institute of Pharmaceutical Research, GLA University, Mathura held on November 23-25, 2023.
5. Presented a poster in a National Seminar on **“Contribution of Transgenic animals in Biomedical Research and Xenotransplantation for new Insight in Drug Development”**. 2017 on the theme **Contemporary Challenges in Implementation of CPCSEA in Research** organized by Department of Pharmacy, S.N. Medical college, Agra.
6. Presented a poster in a National Conference on **“Anti-hyperglycemic activity of ethanolic extract of *Swertiya chirayta* and *Trigonella foenum graceum*”**. 2016 on the theme **Pharmacist: caring for you** organized by Goel Institute of Pharmacy and sciences, Lucknow.
7. Presented a poster in an International Conference on **“Anti-inflammatory and analgesic activity of ethanolic extract of *Cassia fistula* linn. Flowers”**. 2015 on the theme **Changing technological and managerial scenario aspects and prospects** 1<sup>st</sup> International conference organized by IES college of Pharmacy, Noida (U.P.).

#### **F. Certifications and Workshops**

1. Participated in one week Faculty Development Program (FDP) on Environmental Sustainability & Green Technologies in Research and Education conducted from 18th May to 24th May 2024, Organised by Chitkara University, Himachal Pradesh.
2. Participated in AICTE Sponsored Fifteen days Staff Development Programme on **“Cutting edge and Emerging Technologies in Pharmaceutical Education and Research”** at Birla Institute of Technology, Mesra, Ranchi, 2019.
3. Participated as delegate in a Full Day Workshop on **“Drug Design & Drug Discovery”** organized by Faculty of Pharmacy, IFTM University, Moradabad, 2019.
4. Participated as delegate in a Full Day Workshop on **“Pharmacovigilance programme of India (PVPI) Indian Pharmacopoeia Commission (IPC)”** Ministry of health and family welfare, Govt. of India organized by Oriental University, Indore, 2018.

5. Participated in one day workshop on the theme “Current opportunities and challenges in clinical research” organized by Institute of Professional Studies-College of Pharmacy, Gwalior 2010.
6. Participated in one day workshop on application of SPSS in research organized by Institute of Professional Studies, Gwalior, 2010.
7. Participated in AICTE Sponsored Thirteen days Staff Development Programme on “Screening and Development of New Drugs.” at Institute of Professional Studies- College of Pharmacy, Gwalior (M.P.), 2009.
8. Successfully completed Three days workshop on the topic “Pharmacovigilance and adverse drug reaction monitoring” at Rohilkhand University, Bareilly, 2005.