

Bio-data

Dr. Vishal Jain (M.Pharm, Ph.D.)

Assistant Professor

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Academic qualification:

- **Ph. D awarded (2008)** under Prof. Shailendra Saraf (Supervisor) & Dr. (Mrs.) Swarnalata. Saraf (Co- Supervisor) at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur.
- **M. Pharm** with 68.89 % **(2003)** in Pharmacognosy from Department of Pharmaceutical Sciences, Dr H. S. Gaur University, Sagar (M.P.)
- **B. Pharm (1999)** with 63%, from B.R. Nahata College of Pharmacy, Mandsaur, affiliated to Vikram University, Ujjain.

Dissertation Work:

- **Ph. D.:** “Development of Quality control Parameters of some Ayurvedic Formulations (Gutika, Churna and Vatis)”
- **M. Pharm:** “Preparation and Characterization of Phytosome of *P. kurroa* extract” under the guidance of Dr. A.K. Singhai.

Experience:

Total: 13 year 11 months

Teaching Experiences about **12 years 5 months**

Other: **1 yr 6 months**

- Working as an Assistant Professor, at University Institute of Pharmacy, Pt. Ravi Shankar Shukla University Raipur, since Dec.24th, 2008 to till date.
- Worked as Reader (Approved by Chhattisgarh Swami Vivekananda Technical University, Bhilai C.G.) and in-charge Principal, at Columbia Institute of pharmacy Raipur, from April 23rd 2008 to 23rd Dec. 2008.
- Worked as a contract Lecturer, at Institute of Pharmacy, Pt. Ravi Shankar Shukla University Raipur, since Dec.15, 2006 to April 22nd 2008.

- Worked as Lecturer and in-charge Principal, at Columbia College of pharmacy Raipur, since July 1, 2005 to 14th Dec.2006
- Worked as a Lecturer in SRI University, Raipur since 1st October 2004 to 30th June 2005.
- Worked as a Lecturer in V. N. S. Institute of Pharmacy, Bhopal from 4/02/2004 to 30/09/2004.
- Worked as a PSR in Smithkline Beechem Pharmaceuticals,. From 22/05/2000 to 31/08/2001.

Achievements:

- **Best Paper award** in 57th IPC, Hyderabad, 2005, 2nd – 4th December on topic “Preparation and characterization of Phytosome of Kutkoside from *P. Kurroa* Benth. Extract, Ab. No. DP20
- **Best Paper award** in Seminar of Indian Society of Pharmacognosy in Current trends in Phytopharmaceuticas in March 11-12th march 2006 at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur.
- **Best Research Paper award by IDMA, in pharmacology discipline entitled** “In vitro screening of *lannea coromandelica* for antifilarial activity on cattle filarial parasite *setaria cervi*.” **Indian drugs**. 2014; 51(8); 28-34.
- **Best Paper award** in 3rd International Congress Society for Ethnopharmacology India, Raipur, 2016, 19-21 February on topic“Chemical Fingerprint Analysis and Pharmacological Evaluation of Leaf of *lannea coromandelica*”.

Professional Membership:

- Registered Pharmacist in Chhattisgarh State Pharmacy Council, Reg. No: 8499
- Life member of Indian pharmaceutical Association. No. CHA/LM/0008
- Life member of Indian Society of Pharmacognosy.
- Life member of Association of Pharmaceutical Teachers of India. No. CG/LM/-021.

Refresher Courses:

- Attended AICTE sponsored staff development program on Current Trends in Pharmaceutical Analytical Techniques organized at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, from 24th February to 10th March 2006.
- Attended UGC sponsored Orientation Programme on Excellence in Higher Education organized by Academic Staff College, Pt. Ravishankar Shukla University, Raipur from 1.09.2012 to 28.09.2012.
- Attended UGC sponsored Refresher course on Interdisciplinary and collaborative research in Pharmacy Fields organized by Academic Staff College, Pt. Ravishankar Shukla University, Raipur from 1.12.2012 to 21.12.2012.
- Attended Refresher course at Academic staff college, Pt. Ravishankar Shukla University, Raipur on Pharmaceutical Research in Indian and modern medicine from 11 Feb 2014 to 3 March 2014.

Invited talk / Resource Person:

- UGC sponsored seminar on Current Advances in Novel and Cosmetic Technology at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, 19-20th March 2007, as resource person.
- PCI sponsored one day orientation programme on “Advances in Pharmaceutical Research and Technology at Columbia College of Pharmacy, Raipur (C.G.), dated 24th Feb, 2008, as resource person.
- UGC Sponsored national workshop on Advances in Pharmaceutical Research at University Institute of Pharmacy, Pt. RSU, Raipur dated 28-30th January 2011.
- AICTE sponsored staff development program on Emerging Trends in herbal and novel drug delivery system organized at Manohar Bhai Patel Institute of Bachelor of Pharmacy, Gondia, from 4th June to 16th June 2012 as resource person.
- UGC-SAP Sponsored national seminar on Advances and Avenues in the development of cargoes for bioactives at University Institute of Pharmacy, Pt. RSU, Raipur dated 31 January -2nd February 2013.
- Delivered a lecture on “Advancement of natural Polymer as a sustained release for ophthalmic therapy”, Indian Council for Medical research (ICMR) Sponsored National Seminar on “Current developments for modernization of indigenous herbal formulations ” at Columbia Institute of Pharmacy, Raipur (C.G.) on 16 march 2013.

- Delivered a lecture on DBT sponsored National Seminar on “Advances in Molecular Pharmaceutics, Nanomedicine, Nanobiotechnology and Drug Research”, organized by Columbia Institute of Pharmacy, Raipur on 17th March 2013.
- Delivered a lecture on CCOST sponsored National Seminar on “Rules and Precincts of IPR and Regulatory Affairs for Indian Drugs”, organized by Columbia Institute of Pharmacy, Raipur on 29-30th September 2013.
- Delivered a lecture on AICTE sponsored National Seminar on “Emerging trends and Innovations in Drug Delivery and Pharmaceutical sciences”, organized by Columbia Institute of Pharmacy, Raipur on 20th October 2013.
- Delivered a lecture on Department of Science & Technology sponsored National Seminar on “Investigation of ethno-medicinal plants used by ethnic group of Chhattisgarh ”, organized by Columbia Institute of Pharmacy, Raipur on 19-20th October 2013.
- Delivered a lecture on AICTE sponsored Faculty Development Programme on “Recent Advances in Designing of Novel Formulation for Plant Actives & Extracts. ”, organized by University Institute of Pharmacy, Raipur on 3 – 17th December 2013.
- Delivered a lecture on CCOST sponsored National Seminar on “Pharma Industry – Institute Interaction for Development of Chhattisgarh”, organized by Shri Shankaracharya Institute of Pharmacy, Bilai on 8th February 2014.
- Delivered a lecture on AICTE sponsored National Seminar on “Trade, Intellectual Property Rights and Public Health”, organized by Rungta College of Pharmaceutical Sciences & Research, Bilai on 13-14 March 2014.
- Delivered a lecture on Golden Jubilee National Seminar on “Nanodermatology: Advances, Pitfalls and Future Challenges”, organized by University Institute of Pharmacy, Raipur on 28-30 April 2014.

Professional Credentials:

- Secretary, APTI, Chhattisgarh Branch (2013-2015)
- Joint Secretary, IPA Chhattisgarh branch
- Member, Board of studies in Pharmacy, Vikram University, Ujjain(M.P.)
- Member, Board of studies in Pharmacy, Pt. Ravishankar Shukla University, Raipur(C.G.)
- Approved examiner and paper setter & valuer in various university of MP, MH. and CG.
- Member, Editorial board of five reputed journals.
- Member, Departmental Research Committee, Pt. RSU, Raipur.

Symposia/Workshops/Meetings Organized:

- Organizing Secretary, AICTE Sponsored national seminar on Advances and avenues in novel drug delivery system for therapeutically effective plant actives” at University Institute of Pharmacy, Pt. RSU, Raipur dated 29th - 30th October, 2014.
- Convener, UGC Sponsored national workshop on chromatographic and spectroscopic analysis for phyto-constituents, at University Institute of Pharmacy, Pt. RSU, Raipur dated 14-16 march 2013.
- Organizing Secretary, UGC Sponsored national seminar on Advances in Pharmaceutical Research at University Institute of Pharmacy, Pt. RSU, Raipur dated 28-30th January 2011.
- Organizing Secretary, UGC-SAP Sponsored national seminar on Advances and Avenues in the development of cargoes for bioactives at University Institute of Pharmacy, Pt. RSU, Raipur dated 31 January -2nd february 2013.

Foreign Visit:

- Vishal Jain. “Formulation and characterization of lipid nanocarrier containing aqueous extract of *celastrus paniculatus* seeds” Ref: PIS13-293 – 3rd Conference on Innovation in Drug Delivery – Advances in Local Drug Delivery, 22-25 September 2013 Pisa (Italy) organized by ADRITELF and APGI.

Project:

- Principal Investigator, CCOST-MRP project on Development of quality control parameters for *Celastrus paniculata Willd. and Gloriosa superba Linn.: An* commercially important ethnomedicinal plants of Chhattisgarh awarded in 2013.
- Core Member, DST-FIST project awarded to Institute in 2010.

Publication:

Total:	37
Research:	15
Review:	18
Web:	03
Communicated:	04
Conferences/Seminar:	20

Book Published:

03

Research Guidance:

Ph. D student registered: 03
PG student guided: 04

Personnel Profiles:

Name: Dr. Vishal Jain
Fathers Name: Dr. V.C. Jain
Date of Birth: 10th August 1978
Nationality: Indian
Languages Known: English & Hindi
Category: General
Permanent address: Janta Clinic, Madawra, Distt. Lalitpur(U.P.) 284404.
Present address: Flat No. -304, Alaknanda Tower, Rohini puram, Near gol chowk, Raipur(C.G.)
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Date:

(VISHAL JAIN)

Book authored

1. Practical's in Medicinal Chemistry, Published by A& V Publication, India, First Ed. 2015, ISBN: 978-93-85525-05-6.
2. CVS Biomarker used as Diagnostic Tool, Published by A& V Publication, India, First Ed. 2015, ISBN: 978-93-85525-04-9.
3. Vishal Jain, Tripti Jain, Tekeshwar Kumar. Standardization of Herbals: An Introduction. Lap Lambert Academic Publishing. Germany. ISBN: 978-3-8443-1770-1, pp-117.

Book Chapters

4. Manju Rawat Singh, S. Saraf, S.Saraf, A. Vyas, V. Jain, Singh D. Zanthoxylum alatum: A miraculous species from genus Zanthoxylum, Ed. VK Gupta, "Natural Products: Research Review - Vol. 2, M/S Daya Publishing House, New Delhi, 2014, 381-397.
5. Singh D, Manju Rawat Singh, A. Vyas, V. Jain S. Saraf, Withania somnifera: Rigors and vigors of medicinal plant of towering efficacy, Ed. VK Gupta, "Natural Products: Research Review - Vol. 2, M/S Daya Publishing House, New Delhi, 2014, 399-415.
6. Utilization of Cyclodextrin and its Derivatives in Novel Delivery of Herbal Constituents and Bioactives. Amber Vyas, Manju Singh, Deependra Singh, Vishal Jain, Bina Gidwani and Nagendra Singh Chauhan. Bioactive Phytochemicals Perspectives for Modern Medicine Volume 2, M/S Daya Publishing House, New Delhi, 2014, pp 471-498.

List of publications

2015

1. Roman Aneshwari, Anil Kumar Sahu, Vishal Jain. New Frontier and the Advanced Herbal Approaches for the Treatment of Lymphatic Filariasis. Research Journal of Pharmacology and Pharmacodynamics. 7(4): October-December, 2015, 119-124.
2. Kumar Bandhu Lathiyare, Preeti K. Suresh, Vishal Jain. Development and In Vitro Characterization of Piroxicam Loaded Emulgel for Topical Delivery. International journal of pharmacy and pharmaceutical research. 2015, Vol.2 (3): 19-32.
3. Kumar Bandhu Lathiyare, Vishal Jain. An Exhaustive Review on Herbals used in Diabetes Mellitus. International Journal of Pharmaceutical Sciences Letters 2015, Vol. 5 (3): 546-554

2014

1. Kumar Bandhu Lathiyare, Vishal Jain. Development and characterization of karanj oil based proniosomal gel for topical delivery. Research J. Pharm. and Tech. 7(9): September 2014, pp. 959-962.
2. Tekeshwar Kumar, and Vishal Jain*. Antinociceptive and Anti-Inflammatory Activities of Bridelia Retusa Methanolic Fruit Extract in Experimental Animals. **The Scientific World Journal**. Volume 2014, Article ID 890151, 12 pages, <http://dx.doi.org/10.1155/2014/890151>.
3. Tekeshwar Kumar, Anil Sahu, Vishal Jain. In vitro screening of *lannea coromandelica* for antifilarial activity on cattle filarial parasite *setaria cervi*. **Indian drugs**. 2014; 51(8); 28-34.
4. Anil Kumar Sahu, Tekeshwar Kumar, and Vishal Jain*. Formulation Optimization of Erythromycin Solid Lipid Nanocarrier Using Response Surface Methodology. **Bio Med Research International**. Volume 2014, Article ID 689391, 8 pages; <http://dx.doi.org/10.1155/2014/689391>. (**Impact factor- 2.88**)
5. Swarnlata Saraf, Manjusha Jharaniya, Anshita Gupta, Vishal Jain, Shailendra Saraf. Herbal hair cosmetics: advancements and recent findings. **World Journal of Pharmaceutical Research**.2014; 3(2): 3278-3294.

2013

6. V. Jain, Tripti Jain, Swarnlata Saraf and S. Saraf, HPTLC method for routine quality control of Ayurvedic formulation Drakshadi gutika, *Asian J. Pharm. Ana.* 2013; Vol. 3: Issue 4, Pg 111-114.
7. Standardization of different marketed brands of Ashokarishta: An Ayurvedic formulation. Tekeshwar Kumar, Yogesh Kumar Larokar, Vishal Jain. **Journal of Scientific and Innovative Research** 2013; 2 (6): 993-998.
8. Manju Rawat Singh, S. Saraf, A. Vyas, V. Jain, Singh D. Innovative approaches in Wound healing: Trajectory and advances, **Artificial Cells, Blood Substitutes, and Biotechnology**. 15: 2013, 15:1-11.

2012

9. D.S. Rajput, Amit Alexander, Vishal Jain, T.K. Giri, D.K. Tripathi, Ajazuddin, Novel integrated approach for the strategic delivery of hydrophobic drugs by the use of self emulsifying drug delivery system, **Journal of Applied Sciences**, 12(6),502-517,2012.
10. V. Jain, S.J. Daharwal, Tripti Jain, Swarnlata Saraf and S. Saraf, HPTLC methods for quantification of gallic acid in Bhuvneshvara vati for routine quality control, **Asian J. Research Chem.** 5(2): 2012,193-196.
11. Jain Vishal, Saraf Swarnlata, Vyas Amber, Gupta Ashutosh Kumar, Oral Submicron Emulsion- A Better Approach For Oral Delivery Of Bcs Class-II Drugs, **PHARMACIA**, 1 (3) : 2012,73-83.
12. V. Jain, S.J. Daharwal, Tripti Jain, Swarnlata Saraf and S. Saraf, Spectrophotometric method for routine quality control of Ayurvedic formulation Drakshadi gutika, **Research J. Pharm. and Tech.** 5 (2): Feb. 2012,285-287.
13. A.Vyas, S.S. Shukla, R. Pandey, V. Jain, V. Joshi, B. Gidwani, Chervil: A Multifunctional Miraculous nutritional herb, **Asian Journal of Plant Sciences**, 11 2012: 163-171.
14. R. Tiwle, Ajazuddin, T.K. Giri, D.K. Tripathi, V. Jain and A. Alexander, An exhaustive review on solubility enhancement for hydrophobic compounds by possible application of novel techniques, **Trends in Applied Science Research**. 5; 2012: 596-619.

15. A. Vyas, S. K. Das, D. Singh, A. Sonkar, B. Gidwani, V. Jain, M. Singh, Recent Nanoparticulate Approaches of Drug Delivery for Skin Cancer. **Trends in Applied Sciences Research** 7(8): 620-635, 2012.

2011

16. V. Jain A. Vyas, D. Singh, M. Singh, S.S. Shukla, R. Pandey, Saraf Swarnlata and S. Saraf, TLC Densitometric Method for the Estimation of piperine in Ayurvedic formulation Trikatu Churna, **Oriental Journal of Chemistry**, 2011, Vol. 27, No. (1): Pg. 301.304(Thomson Reuter)
17. A. Vyas*, S. S. Shukla, R. Patel, R. Pandey, V. Jain, D. Singh and B.P. Nagori, Development and Validation of Spectrophotometric Method for Estimation of Cephalexin in Bulk and Tablet Dosage Forms, **Oriental Journal of Chemistry**, 2011, Vol. 27, No. (1): Pg. 359-362(Thomson Reuter)
18. V. Jain, A. Vyas, Swarnlata Saraf, S. Saraf, TLC Densitometric methods for quantification of gallic acid in Triphala churna for routine quality control, **Research J. of Pharm. And Tech**, 3(4): 2011, 230-233.
19. V. Jain, A. Vyas, Swarnlata Saraf, S. Saraf, HPLC determination of Piperine in 'Trikatu Churna' a potent Ayurvedic Formulation for routine quality control, **Asian J. Research Chem** 3(4): 2011, 183-186.
20. Tripti Jain, Darshan Dubey, Vishal Jain and Kamlesh Dashora, Regulatory Status of Traditional Medicines in Different Countries: An Overview, **Research J. Pharm. and Tech.** 4(7): 2011, 1007-1015.

2009

21. Tripti Jain, V. Jain, R. Pandey, S. J. Daharwal, S S Shukla, A. Vyas, Supercritical Fluid Technology in Pharmaceuticals: An overview. **Research J. of Pharm. And Tech.** 2(1): 2009, 65-71.
22. Tripti Jain, V. Jain, R. Pandey, A. Vyas, S S Shukla., Microwave assisted extraction for phytoconstituents – An overview. **Asian J. Research Chem.** 2(1): 2009; 19-25.

2008

23. K. Shukla, S. S. Shukla, V.Jain, R. Pandey, S. Jain, Swarnlata Saraf, S. Saraf Fingerprinting of Traditional Medicines Through RAPD Technology: - A Newer Approach ,**Research J. of Pharm. And Tech.**, 1(2): 2008; 63-68.
24. R. Pandey, V.Jain, A. Vyas, S.S. Shukla, Tripti Jain Nocturia: Prevalence and therapeutic strategies. **Research J. of Pharm. And Tech.** 1(4): 2008; 324-327.

2007

25. V.Jain, Swarnlata Saraf, S. Saraf, Standardization of Triphala Churna: Spectrophotometric Approach, **Asian Journal of Chemistry**.19 (2), 2007, 1406-1409.
26. V. Jain, Swarnlata Saraf, S. Saraf, Quantification of Tannic Acid in Ayurvedic Formulation Bhuvneshavara Vati: Spectrophotometric Approach for Routine Quality Control, **Natural Product: An Indian Journal**, 3(2): 2007, 107-110.
27. V. Jain, Swarnlata Saraf, S. Saraf, Spectrophotometric Determination of Piperine in Trikatu Churna: An Ayurvedic Formulation, **Asian Journal of Chemistry**, 19(7): 2007, 5331-5335.
28. S. Jain, K. Shukla, V. Jain, Swarnlata Saraf, S. Saraf, Nanoparticles: Emerging Carriers for Bioactive Substances”, **Pharma Times**, January 39(1): 2007.

2006

29. V. Jain, S. Jain, Tripti Sharma, K.K. Shukla, Swarnlata Saraf, S. Saraf, Pesticides and Their Health Hazards: Quality Perspectives in Herbals, **Plant Achieves** 6(2): 2006,433-41.
30. V. Jain, D. Singh, S. Jain, Tripti Sharma, K. Dashora, K.K. Shukla, Swarnlata Saraf, S. Saraf, Transgenic Plant derived immunoprotein: A Review, **Plant Achieves** 6(1): 2006, 41-45.

2005

31. V. Jain, T. Sharma, K. Dashora, Swarnlata Saraf, S. Saraf, Phytosome: A Novel Approach For Herbal Drug Delivery System” “**Plant Achieves**” Vol 5(2), 2005, 325-330.

- 32.** V. Jain, Swarnlata Saraf, S. Saraf Review on “Diagnosis of Disease in Ayurveda” is published in on line article library at www.ayurvedahc.com, on, December 1st, 2005.
- 33.** V. Jain, Swarnlata Saraf, S. Saraf Review on “The Ayurvedic Examination Process” is published in on line article library at www.ayurvedahc.com, on, December 1st, 2005.
- 34.** V. Jain, Swarnlata Saraf, S. Saraf Review on “Ayurvedic Diagonosis: Six Stage of Disease” is published in on line article library at www.ayurvedahc.com, on, December 1st, 2005.