

Dr. Rajendra Kumar Jangde

Permanent Address

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PROFESSIONAL QUALIFICATIONS

EDUCATIONAL DETAILS: -

Degree/Course	College/School	University/Board	Year	Percentage
Ph.D	University Institute of Pharmacy	Pt. Ravishankar Shukla University (Raipur), Chhattisgarh	2016	Awarded
M.Pharmacy Quality Assurance	University Institute of Pharmacy	Pt. Ravishankar Shukla University (Raipur), Chhattisgarh	2008	65.54%
B.Pharmacy	SLT Institute of Pharmaceutical Sciences,	Guru Ghasidas University, Bilaspur (C.G.)	2006	60.56%
Higher Secondary School Certificate Examination	Higher Secondary School Ghurdeva, Bankimongra, Korba (C.G.)	C.G. Board	2002	75.7%
High School Examination	Govt. High School Mongra, Korba (C.G.)	M.P. Board	2000	63.4%

ACADEMIC PROJECTS

➤ Ph.D Awarded (2016)

“Design and Characterization of novel systems of plant actives for wound healing”.

- **M.Pharm dissertation**
“Selection of Excipients for oral suspension formulation of Gatifloxacin through Drug-Excipients Compatibility Study”.
- **Qualified GATE Examination in 2005, 2006 and 2007.**

MEMBERSHIP OF PROFESSIONAL BODIES

- ❖ Registered Pharmacist in Chhattisgarh State Pharmacy Council, **Reg. No. 668**
- ❖ Lifetime membership of (Association of Pharmaceutical Teachers of India) APTI, **CG/LM-088**

PAPERS PRESENTED IN CONFERENCES AND SEMINARS

1. Resource person at Atomic Energy Regulatory Board, Mumbai, Mumbai sponsored National Conference on “Emerging issue in safety and Regulatory Framework Involved in Translation of Radiopharmaceuticals Therapies in Clinical Practice” held at 3rd Feb 2024, at Royal College of Pharmacy.
2. Resource person at Department of Biotechnology [DBT] New Delhi, sponsored “National Conference on Bridging of Biotechnology in Pharmaceutical Drug Designing and formulation, 13th -14th October 2023, Royal College of Pharmacy Raipur (C.G).
3. Poster presented on Novel Strategy for Effective Treatment of diabetic wounds 26th Annual National Convention of the Association Pharmaceutical Teachers of India, held at PSIT-Pranveer Singh Institute of Technology Pharmacy Kanpur from 2nd to 3rd September 2023.
4. Presented (oral) research paper entitled “Development and characterization of Quercetin loaded liposome for wound healing” National seminar on “Tribal development in India in the context of traditional Knowledge and Indigenous system. SOS in Anthropology, Pt. Ravishankar Shukla University Raipur. 14-16 February 2023.
5. Chairperson at Integrating Pharmaceutical technology with other branch of Science for Health Management, Pharmacy Council of India New Delhi, sponsored by organized by

Columbia Institute of Pharmacy, 3rd International conference 1st -2nd February 2020

6. Presented (oral) entitled “Development of liposomal encapsulate quercetin for wound healing” 2nd International Conference on Fostering Interdisciplinary Research in Health Science, organized by AIMST UNIVERSITY, MALAYSIA, 14th-15th September 2019.
7. Presented (oral) entitled “Application of Response Surface Methodology in Development of Ellagic acid loaded Phytocomplex” 5th International Conference on Pharmaceuticals, API, and Manufacturing, organized by Jakarta Indonesia, 15th-16th March 2019.
8. Presented (oral) entitled “Plant-based novel system for wound healing International conference on forecasting interdisciplinary research in medicine” organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C. G) 19th -21st January 2019.
9. Resource person in National seminar entitled “Recent Development and Future Challenges of Nuclear Science in the Healthcare Sector”, Organized by Royal College of Pharmacy, Raipur 15th February 2020.
10. Poster presented on Recent Development and Future Challenges of Nuclear Science in the Healthcare Sector, 70th IPC 2018, Amity University Noida organized by Indian Pharmaceutical Congress Association 21-23, December 2018.
11. Presented (oral) entitled” “Understanding the role of response surface methodology in the development of ellagic acid-loaded Phytocomplex” 2nd International Conference on Advances in Development, Delivery System and Clinical Monitoring of Drugs organized by Columbia Institute of Pharmacy 23rd & 24th September 2017.
12. Presented (oral) entitled” Application of response surface methodology in the development of ellagic acid loaded phytocomplex” in National seminar 69th IPC 2017, Chandigarh 22nd-24th December 2017.
13. Invited Talk in National seminar entitled “Novel drug delivery for wound healing” prospects and avenues for in-vivo studies on animal models and human volunteers for treatment of oral cancer. Indian Council of Medical Research, Shri Rawatpur Sarkar Institute of Pharmacy. 5th and 6th April 2017.
14. National Conference on “Recent Trends in Nanotechnology in Biomedical Drug Research” participated as a resource person organized by Himachal Institute of Pharmaceutical Education and Research, Nadaun, Himachal Pradesh. 25th-26th February 2017.

15. Presented (oral) research paper entitled “Development phytoconstituents formulation for wound healing”, APTI Central Zone National Seminar, 24th-26th March 2017.
16. Presented (oral) research paper entitled “Novel drug delivery for wound healing” National seminar on prospects and avenues for in-vivo studies on animal models and human volunteers for treatment of oral cancer. Indian Council of Medical Research, Shri Rawatpur Sarkar Institute of Pharmacy. 5th and 6th April 2017.
17. Presented (oral) research paper entitled “Understanding the role of response surface methodology in the development of ellagic acid loaded phytocomplex”, International Conference Frontier in Pharmaceutical Sciences and Research, 23rd-24th September 2017.
18. Presented (oral) research paper entitled “Application of response surface methodology in development of ellagic acid loaded phytocomplex” IPC 22nd-24th December 2017.
19. Presented (oral) on International Conference 6th Asia Pacific Pharmacy Education Conference Pharmacy education in AFTA Era, Management & Science University, Shah Alam, Malaysia, 20th-22th October 2016.
20. Presented (oral) research paper entitled “Development and characterization of novel carrier systems for wound healing” International Conference of the Society for Ethnopharmacology, India National Center for Natural Resources (NCNR) Columbia College of Pharmacy, Raipur-492 010, India February 19 – 21, 2016.
21. Presented (oral) research paper entitled “Development and characterization of herballiposome for wound healing” 3rd International Congress of the Society for Ethnopharmacology, India National Center for Natural Resources (NCNR) Pt. Ravishankar Shukla University, Raipur-492 010, India February 19–21, 2016.
22. Presented (oral) research paper entitled “Development and characterization of quercetin-loaded liposomes for enhanced wound healing” in CGCOST National Seminar from 5th-06th March 2016, organized at Columbia Institute of Pharmacy, Raipur Sponsored by Chhattisgarh Council of Science and Technology. **(Best Paper Award)**
23. Presented (oral) research paper entitled 6th ASIA PACIFIC Pharmacy Education Conference Pharmacy Education in AFTA Era, 20th-22nd October 2016.
24. Presented (oral) research paper entitled “Development and characterization of ellagic acid loaded phytocomplex for wound healing” 68th Indian Pharmaceutical Congress, 16th-18th December 2016.

25. Presented (oral) research paper entitled “Development optimization of quercetin loaded phytocomplex for wound healing” in 67th Indian Pharmaceutical Congress JSS University Mysore 18-20 Dec. 2015.
26. Presented (oral) research paper entitled “Hydrogel containing plant active loaded liposomes for complete wound healing” at 13th Chhattisgarh Young Scientist Congress, 2015 from 28th Feb - 01st March 2015, organized at Indira Gandhi Krishi Vishwavidyalaya, Raipur Sponsored by Chhattisgarh Council of Science and Technology.
27. Presented research paper entitled “Design and characterization of Quercetin loaded liposome embedded into a hydrogel for wound healing” 66th Indian Pharmaceutical Congress, Hyderabad, 20-22 Dec 2014, A-12.
28. Presented (oral) research paper entitled “Formulation and in vitro characterization of Quercetin loaded liposome incorporated into hydrogel for wound healing” International conference Frontiers in Pharmaceutical Science and Research “Cutting edge technology in New Drug Discovery and Drug Delivery systems” sponsored and organized by Columbia Institute of Pharmacy, Raipur (C.G.). 11-12 October 2014.

29. Presented research paper entitled "Formulation and in vitro characterization of ellagic acidloaded liposome for wound healing" in asponsored national seminar on Advancesandavenuesinnoveldrugdeliverysystemsfortherapeuticallyeffectiveplantactives. Organized by the University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipurfrom29th– 30thOctober2014.
30. Presented (oral) research paper entitled "Hydrogel containing liposome of quercetin forcomplete wound management."in 8th Annual Conferences of Society for Wound Care andResearchorganized byWound Carecon,NewDelhi, 12-14 Sep.2014.
31. Presented (oral) research paper entitled "Hydrogel containing liposome of rutin for completewoundmanagement."InGoldenJubileeNationalConferenceonNanodermatology:Advances, Pitfalls and Future Challenges." Organized by the University Institute of Pharmacy,Pt.R. S.S. U, Raipur(C.G.)from 28th – 30thApril2014.
32. Presented(oral)researchpaperentitled"QuercetinEntrappedLiposomalEncapsulatedCarbopol Hydrogel for Complete Wound Healing" at 12th Chhattisgarh Young ScientistCongress, 2014 from 17th -19th February 2014, organized at S.O.S in Chemistry, Pt. R. S. S.U,Raipur, sponsoredbyChhattisgarhcouncil of scienceandtechnology.
33. Presented (oral) research paper entitled "Plant Active Entrapped Liposomal EncapsulatedCarbopol Hydrogel for Complete Wound Healing. "Pharma Industry-Institute Interactionfor Development Of Chhattisgarh" CGCOST,Raipur organized by ShriShankaracharyaCollegeofPharmacy,Bhilai (C.G.), 8 Feb.2014.
34. Presented (oral) research paper entitled "Development and Characterization of LiposomalEncapsulated Quercetin For Wound Healing."Recent development for modernization ofIndian traditional formulations" AICTE, New Delhi, Organized By- Columbia Institute ofPharmacy,Raipur(C.G.).24-25 Jan.2014
35. PresentedPosterentitled"DevelopmentofASpectrofluorimetricMethodforTheDetermination of Quercetin." in 65th Indian Pharmaceutical Congress held at New Delhi,AmityUniversity20th– 22ndDecember2013.
36. PaperPresentedentitled"Development&characterizationofnovelsystemsofwoundhealing" 2nd international and 7th national annual conference of the Society for Wound CareandResearch,Wound Carecon 2013"11-13 Oct.2013 atPondicherry,India.
37. Presented poster entitled "Preparation and Characterization of Novel Systems for woundhealing." In Chhattisgarh Council of Science& technology sponsored a national

- seminar on rules and precincts of IPR and regulatory affairs for Indian Drugs; held at Columbia Institute of Pharmacy, Raipur (C.G.) from 29-30th September 2013.
38. Presented poster entitled “Preparation and Characterization of Novel Systems of Plant Actives.” Sponsored by Indian Council of Medical Research; held at Columbia Institute of Pharmacy, Raipur (C.G.) during 16-17th March 2013.
 39. Presented oral paper entitled “Bioactive Entrapped Novel Drug Delivery System for Wound Healing in UGC-SAPS Sponsored National Seminar on Advances and Avenues in the development of cargoes for bioactives. NDDS of Plant extracts and Actives held at University Institute of Pharmacy, Pt. R. S. S. U, Raipur (C.G.) from 31st January–2nd February 2013.
 40. Presented (oral) research paper entitled “Development and characterization of multiphase loaded hydrogel with entrapped bioactives” in 10th Chhattisgarh Young Scientist Congress, 2014 from 28th-29th February 2012, organized at Sarguja University, Ambikapur, Chhattisgarh, sponsored by Chhattisgarh council of science and technology.
 41. Presented oral research paper entitled “Formulation and characterization of multiphase loaded hydrogel with entrapped neomycin.” in CG COST Sponsored Interaction between traditional and modern technology held on 24 & 25 March 2012 at C.G. Rajya Gramin Vikas Sansthan, Nimora, Raipur (C.G.) (NIMORA).
 42. Development and characterization of dispersible tablets of microencapsulated ampicillin and cloxacillin. **Impact of Nanotechnology on Drug Discovery and Development**, Sponsored by Pharmanext, Shimla, Himachal Pradesh, 25-27 June 2011.
 43. Compatibility study of gatifloxacin with various excipients, UGC Sponsored National Seminar on **“Advances in Pharmaceutical Research”** 28-30 January 2011 at University Institute of Pharmacy, Pt. RSU Raipur, Chhattisgarh, (India).
 44. “Formulation and characterization of tasteless dispersible tablet containing ampicillin and cloxacillin” 9th Chhattisgarh Young Scientist Congress 2011 organized by Jagdalpur University, Baster, Chhattisgarh, India, sponsored by Chhattisgarh Council of Science and Technology, Raipur (CG), India.
 45. Formulation and development of herbal cream of aloe vera. International conferences on **“Recent Advances in Pharmaceutical Sciences”** December 22-23, 2010, organized by Department of Pharmaceutics, IT-BHU, Varanasi, (U.P.) India.

46. Formulation and characterization of gatifloxacin suspension for paediatrics and geriatrics use. **62 Indian Pharmaceutical Congress 2010** Manipal, Karnataka (India) 17-19 December's-118.
47. "Development and characterization of Gatifloxacin suspension for pediatric and geriatric use" 8th Chhattisgarh Young Scientist Congress 2010 organized by Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India, sponsored by Chhattisgarh Council of Science and Technology, Raipur (CG), India. 9-10 April 2010.
48. Development of formulation and investigation of quality control parameters of sunscreen of *Aloe barbadensis*. In a sponsored seminar on **Quality perspective of Herbal cosmetics** (8-9 September 2008) at Institute of Pharmacy, Pt. RSU Raipur, Chhattisgarh, (India).
49. Development of formulation and investigation of quality control parameters of sunscreen of *Curcuma malanga*; in UGC sponsored seminar on **Recent Advances in Novel and Cosmetic Technology** (19-20 March 2007) at Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh (India).
50. "Monolithic floating tablets of nimesulides" 6th Chhattisgarh Young Scientist Congress 2008 organized by Guru Ghasidas University, Bilaspur, Chhattisgarh, India, sponsored by Chhattisgarh Council of Science and Technology, Raipur (CG), India.

WORKSHOP/TRAINING ATTENDED

- Participated in 30th National Children Science Congress -2022 state-level Children Science Congress, held from 01st to 03 December 2022 "Understanding Ecosystem for Health and Well-being" organized by Chhattisgarh Council for Science and Technology Department of Science & Technology Govt of Chhattisgarh
- Participated in the 2-week refresher course in pharmacy online Organized by Human Resource Development Center Pt. Ravishankar Shukla University Modern tools in Drug discovery and Pharmaceutical technology held from 26.12.2021 to 20.12.2021 and Obtained Grade A.

- Participated in the 2weeks Online Multidisciplinary refresher course Organized by Human Resource Development Center Pt. Ravishankar Shukla University Raipur in Environmental Science (Current Challenges & Opportunities in Teaching and Research in Environmental Science) held from 05.10.2020 to 17.10.2020 and Obtained Grade A.
- Participated in the Special Summer School, Organized by Human Resource Development Center Pt. Ravishankar Shukla University the theme Ethics in HigherEducation:Teaching, Learning and Research” was Held from 20.05.2016 to 09.06.2016. Obtained grade A.
- Participated in the 4-week Orientation program, Organized by Human Resource Development Center Pt. Ravishankar Shukla University Under the theme Quality of Higher Education: Learning Process” heldfrom 03.06.2015 to 30.06.2015. Obtained grade A.
- Participated as a Delegate in the “Orientation course” held on 03-30 June 2015 SponsoredbyHumanResourceDevelopmentCentre,organizedbyPt.RavishankarShuklaUniversityRaipur, Chhattisgarh (India).
- Attended a three-day workshop on Diagnosis of diseases and molecular evaluation withhands-on training from November 11th– 13th2014; organized by University Institute ofPharmacy,Pt. RS. S. U,Raipur(C.G.)

- Participated as Delegate in the “Staff Development Programme” held on 03-17 Dec.2013 Sponsored by AICT organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh (India).
- Participated as Delegate in the Chromatographic and spectroscopic analysis of phytoconstituents, organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh (India). 14th-16th March 2013.
- Participated Workshop on “**Prospection and sustainable use of medicinal plants of Chhattisgarh**” organized by National Center for Natural Resources at University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.) from 10-11 September 2012.
- Attended three days of training on “**Export Packaging**” organized by Ministry of Micro, Small and Medium Enterprises (MSME) in association with IIP, Kolkata held from 01 – 02-2012 to 03-02-2012 at Raipur.
- Attended a 1-day workshop on “**Chromatographic techniques**” organized by University Institute of Pharmacy, Pt. RSU., Raipur (C.G.) on 13th December, 2011.
- Participated as Delegate in the “Staff Development Programme” held on 14-18 May 2009, organized by Shri Rawatpura Sarkar Institute of Technology, Raipur (C.G.)

Technical Skills

- ✚ Familiar with computer software like MS Office tools, Excel, Design Expert version 9, and GraphPad prism software.
- ✚ Handled analytical instruments like UV-visible spectrophotometer (Shimadzu), Dissolution tester (USP), FTIR, Malvern Zetasizer, HPLC etc.

PUBLICATIONS

Harish Bhardwaj, **Rajendra Kumar Jangde**. Biomedical Application of 3D Printing. In 3D Printing and Microfluidics in Dermatology 2025 (pp. 56-80). CRC Press.

2024

Harish Bhardwaj, Ram KumarSahu, **Rajendra Kumar Jangde**.Development and validation of simultaneous estimation of ferulic acid and doxycycline concentrations based on two different UV spectrophotometric methods, Letter Applied Nanobioscience (**proofreading**) (**Scopus**)

Harish Bhardwaj, Ram KumarSahu, **Rajendra Kumar Jangde**. Optimization and Preparation of Doxycycline-Loaded Chitosan Nanoparticles Using Box-Behnken Design for Better Diabetic Wound Healing. Journal of Pharmaceutical Sciences. 2024 Dec 2. **IF 3.7**

Sulekha Khute, **Rajendra Kumar Jangde**.In silico exploration of venlafaxine, a potential non-tricyclic antidepressant in a liposomal formulation for nose-to-brain drug delivery. Drug Development and Industrial Pharmacy. 2024 Jan 2;50(1):55-67.

Soniya Sarthi, Harish Bhardwaj, **Rajendra Kumar Jangde**.Recent Progress in Nanoemulsion Technology for the Management of Hepatic Diseases. Current Nanomedicine. 2024 Sep 25.(**Scopus**)

Soniya Sarthi, Harish Bhardwaj, **Rajendra Kumar Jangde**.Advances in nucleic acid delivery strategies for diabetic wound therapy. Journal of Clinical & Translational Endocrinology. 2024 Aug 30:100366.**IF: 4.2**

Harish Bhardwaj, **Rajendra Kumar Jangde**. Development and characterization of ferulic acid-loaded chitosan nanoparticle embedded-hydrogel for diabetic wound delivery. European Journal of Pharmaceutics and Biopharmaceutics. 2024 Jun 15:114371. **IF: 4.4**

Harish Bhardwaj, Ram KumarSahu, **Rajendra Kumar Jangde**. Emerging Trends in Hybrid Nanoparticles: Revolutionary Advances and Promising Biomedical Applications. Current Drug Metabolism. 2024. **IF: 2.2**

Harish Bhardwaj, Sulekha Khute, Ram KumarSahu, **Rajendra Kumar Jangde**. Recent Advances in Water-Soluble Polymer and Polymeric Nanoparticles for Pharmaceutical Application. Current Nanoscience. Jun 2024. **IF: 1.5**

2023

Sulekha Khute, **Rajendra Kumar Jangde**. Optimization of nasal liposome formulation of venlafaxine hydrochloride using a Box-Behnken experimental design. Current Therapeutic Research. 2023 Jan 1;99:100714.

Sahu RK, Ruhi S, Jeppu AK, Al-Goshae HA, Syed A, Nagdev S, Widyowati R, Ekasari W, Khan J, Bhattacharjee B, Goyal M, **Rajendra Kumar Jangde**. Malignant mesothelioma tumours: molecular pathogenesis, diagnosis, and therapies accompanying clinical studies. *Frontiers in Oncology*. 2023 Jul 4;13:1204722.

Harish Bhardwaj, Sulekha Khute, Ram KumarSahu, **Rajendra Kumar Jangde**. Advanced Drug Delivery System for Management of Chronic Diabetes Wound Healing. *Current Drug Targets*. 2023 Dec 1;24(16):1239-59. **IF: 3.3**

Veena Miri, **Rajendra Kumar Jangde**, Singh D, Suresh PK. Lipid-Polymer Hybrid Nanoparticles for Topical Drug Delivery System. *Journal of Drug Delivery and Therapeutics*. 2023 Apr 15;13(4):113-20.

Harish Bhardwaj, Renjil Joshi,Sulekha Khute, **Rajendra Kumar Jangde**. Recent Advances in the Impact of Antibiotic and Antioxidant Multifunctional Hydrogel on Diabetic Wounds Healing. *Current Applied Materials*. 2023;2(1):e200723218942.

Sankar TK, Ambade B, Mahato DK, Kumar A, **Rajendra Kumar Jangde**. Anthropogenic fine aerosol and black carbon distribution over urban environment. *Journal of Umm Al-Qura University for Applied Sciences*. 2023 Dec;9(4):471-80.

Sai Sambit Nayak,**Rajendra Kumar Jangde**. Formulation and design optimization of repaglinide loaded transferosomes for management of type II diabetes mellitus. *National J. Pharma. Sci*. 2023;3(1):115-25.

Harish Bhardwaj, Sulekha Khute, **Rajendra Kumar Jangde**. Biopolymeric Materials in the Management of Diabetic Wound Healing: A Comprehensive Review. *Journal of Ravishankar University*. 2023 Dec 31;36(2):94-108.

Rajendra Kumar Jangde,Tanveer Khan, Harish Bhardwaj. Development and characterization of nanostructured lipid carrier for topical delivery of naringenin. *Research Journal of Pharmacy and Technology*. 2023;16(5):2572-6. **(Scopus)**

Harish Bhardwaj,**Rajendra Kumar Jangde**. Current updated review on preparation of polymeric nanoparticles for drug delivery and biomedical applications. *Next Nanotechnology*. 2023 Jun 1;2:100013.

2022

Rajendra Jangde, Gamal Osman Elhassan, Sulekha Khute, Deependra Singh, Manju Singh, Ram Kumar Sahu, and Jiyauddin Khan. "Hesperidin-loaded lipid polymer hybrid nanoparticles for topical delivery of bioactive drugs." *Pharmaceuticals* 15, no. 2 (2022): 211.

Rajendra Jangde, Deepak Sinha, Sanjay Ghosh, S. K. Chatterjee, and Manoj Jangde. "Ciprofloxacin Hydrochloride Mediated Enhanced Solubilization and Stability by UV-Spectroscopy." *Journal of Pharmaceutical Research International* (2022): 1-7.

Prakriti Diwan, **Rajendra Jangde**, Sulekha Khunte, Harish Bhardwaj, and Preeti K. Suresh. "Ocular Drug Delivery System: Barrier for Drug Permeation, Method to Overcome Barrier." In *Drug Development Life Cycle*. Intech Open, 2022.

Sulekha Khute, **Rajendra Kumar Jangde**, and Rajnikant Panik. "COVID-19: Current landscape on global incidence of neurologic features and their restorative strategies." *GSC Biological and Pharmaceutical Sciences* 21, no. 1 (2022): 197-207.

Rajendra Kumar Jangde, Sulekha Khute, Harish Bhardwaj, Krishna Yadav. Development of Nanoformulations for Targeted Transport of CNS Drugs with Greater Pharmacological Activity via the Nose into the Brain. *Int J Drug Dev Res J*, Vol. 14 No. 12 (2022): 984.

Harish Bhardwaj, Sulekha Khute, **Rajendra Kumar Jangde**. Comparative Evaluation of Pharmacokinetic Profile of Herbal and Synthetic Polymer Based Delivery System. *International Journal of Biology, Pharmacy and Allied Sciences*. (2022): 1.

2020

Tarun Patle, Kumar, Kamlesh Shrivastava, Ramsingh Kurrey, Seema Upadhyay, **Rajendra Jangde**, and Ravishankar Chauhan. "Phytochemical screening and determination of phenolics and flavonoids in *Dilleniapentagyna* using UV-vis and FTIR spectroscopy." *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 242 (2020): 118717.

Rajendra Kumar Jangde and Sulekha Khute. "Design and Development of Ciprofloxacin Lipid Polymer Hybrid Nanoparticle by Response Surface Methodology." *Research Journal of Pharmacy and Technology* 13, no. 7 (2020): 3249-3256.

2019

Kamlesh Shrivastava, Bhuneshwari Sahu, Manas Kanti Deb, Santosh Singh Thakur, Sushama Sahu, Ramsingh Kurrey, Tushar Kant, Tarun Kumar Patle, **Rajendra Jangde**. Colorimetric and paper-based detection of lead using PVA capped silver nanoparticles: Experimental and theoretical approach. *Microchemical Journal* 150 (2019) 104156.

Seema Singh, **Rajendra Jangde***, S. J. Daharwal. An Updated Review on Herbal Drug in Wound Healing. *Research J. Pharm. and Tech.* 12(6): June 2019

2018

Rajendra Jangde, Shikha Srivastava, Manju R. Singh, Deependra Singh. In vitro and In vivo Characterization of quercetin loaded multiphase hydrogel for wound healing application. Volume 115, August 2018, Pages 1211-1217.

2017

Ekta Dewagan, **Rajendra Jangde**, Suman Shrivastava. Intellectual Property Rights - An Overview. *Research J. Pharm. and Tech* 2017;10(10):3590-3594.

Suman Shrivastava, Rakesh Tirkey, Adeep Kujur, **Rajendra Jangde**, Sanjay J. Daharwal. Glimpses of Ethnopharmacological Approaches to Treat Acne. *Research J. Topical and Cosmetic Sci.* 8(1): Jan.-June 2017 page 40-49.

2016

Rajendra Kumar Jangde. A Review on Swine flu. *Research Journal of Pharmacology and Pharmacodynamics*. 2016;8(1): January-March, 30-38.

Jangde Rajendra, Panik Rajnikant, Singh Manju, Singh Deependra. Understanding the Role of Response Surface Methodology in Development of Quercetin Loaded Phytocomplex for Wound Healing. *Asian Journal of Pharmaceutics* • Oct-Dec 2016 (Suppl) • 10 (4) | S574-S582.

2015

Rajendra Jangde, Plant Profile of *Ficus religiosa*: A Review, *Research J. Science and Tech*, 7(4):Oct. – Dec. 2015; Page 193-196.

2014

Rajendra Jangde and Deependra Singh. Compatibility Studies of Quercetin with Pharmaceutical Excipients Used in the Development of Novel Formulation *Research J. Pharm. and Tech*, 2014, 7(10):1101-1105.

Rajendra Jangde and Deependra Singh. Investigation of Drug-Excipients Compatibility of Ellagic Acid for Development of Formulation Containing Liposomes *UK Journal of Pharmaceutical and Biosciences*, 2014, 2(4):1-4.

Rajendra Jangde and Deependra Singh. Preparation and optimization of quercetin-loaded liposomes for wound healing, using response surface methodology *Artificial Cells, Nanomedicine, and Biotechnology*, 2014, 1-7.

Rajendra Jangde, Manju Singh and Deependra Singh. Development and Determination of Rutin by spectrofluorimetric method *Biomedical and Pharmacology Journal*, 2014, 7(2):1-6.

Rajendra Jangde, Manju Singh and Deependra Singh. Development and Determination of Quercetin by spectrofluorimetric method *Asian Journal of traditional Medicine*, 2014, 9(6):20-26.

2013

Veena Singh, Bhanu Pratap, Sanjay Daharwal and **Rajendra Jangde**. Development and characterization of medicated chewing gum containing Ambroxol HCL for treatment of bronchitis, *Research J. Pharma Dosage Form and Technology*, 2013, 5(5):295-299.

Veena Singh, Bhanu Pratap, Sanjay Daharwal and **Rajendra Jangde**. Compatibility study of Ambroxol HCl drug-excipients by using IR-spectroscopy, *Asian J. Pharm. Analysis*, 2013, 3(3):98-101.

2012

Suresh Kumar, Ram Sahu and Rajendra Jangde. Design and evaluation of an oral floating matrix tablet formulation of Salbutamol sulphate, Tropical Journal of Pharmaceutical Research August 2012; 13 (4): 569-576

2011

1. **Rajendra Jangde and Sanjay Daharwal.** Compatibility Studies Between Gatifloxacin and Pharmaceutical excipients through differential Scanning calorimetry and infra red Spectroscopy, Research J. Pharm. Tech. 4(7):2011, 1164-1166.
2. Ranjit K. Harwansh, SK, Parera, KC, Patra and **Rajendra Jangde.** Screening of *chloroxylon swietenia* D root for antibacterial and anthelmintic activities, Pharmacology online 1:2011, 544-552
3. **Rajendra Jangde** Herbal Sunscreen: An Overview, Research J. Topical and Cosmetic Sci. 2(2):2011, 35-39.
4. **Rajendra Jangde and Sanjay Daharwal** Compatibility Study of Gatifloxacin with Various excipients, Research J. Pharm. Tech. 4(7):2011, 1164-1166.
5. J. Singh, R. Sahu, D.N. Prasad and **Rajendra Jangde.** Evaluation of antidiabetic potential of *Fougea indica* leaves in streptozotocin-induced-diabetic rats, Pharmacology online 2:2011, 1046-1052.
6. J. Singh, R. Sahu, D.N. Prasad and **Rajendra Jangde.** Evaluation of in vitro antioxidant activity of *Fougea indica* leaves, Pharmacology online 2:2011, 1188-1195.
7. A. Rajvanshi, S. Sharma, S.L. Sharma, R. Sahu and **Rajendra Jangde.** Formulation and evaluation of *Cyperus rotundus* and *Cucumis sativus* based herbal face cream, Pharmacology online 2:2011, 1238-1244.
8. S. Atri, S. Gupta, S.L. Sharma, R. Sahu and **Rajendra Jangde.** Design and Evaluation of HPMC and xanthan gum-based sustained release matrix tablets of theophylline, Pharmacology online 2:2011, 463-469.
9. M. Singh, S. Sharma, S.L. Sharma, Ram Sahu, and **Rajendra Jangde.** Preparation and evaluation of herbal cosmetic Cream, Pharmacology online 2:2011, 1258-1264.
10. P.P. Sharma, S. Sharma, S.L. Sharma, Ram Sahu, and **Rajendra Jangde.** Formulation and Development and evaluation of Sustained Release Matrix Tablets Containing Salbutamol sulphate, Pharmacology online 2:2011, 1197-1203.

11. K. Gupta, S. Sharma, S.L. Sharma, Ram Sahu, and **Rajendra Jangde** Evaluation of wound healing activity of crude extract of vitex negundo on rats, Pharmacologyonline2:2011,1212-1216.

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4. Transferosomes: An Overview, *DOAJ*, 5.

EXPERIENCE

- ❖ Worked as a Lecturer in March 2009 to 16 Nov. 2009 (**7 months**) Shri Rawat purasarkar College of Pharmacy, Bhilai, (C.G.)
- ❖ Worked as a Contracted Lecturer 16 Nov. 2009 to 30 April 2012 (**3 Years**) University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur-492 010, C.G.
- ❖ Worked as an Assistant Professor 8 Nov. 2012 to till date University Institute of Pharmacy, Shukla University, Raipur-492 010, C.G.

❖ **Research Experience – 8 years** [1 year in M.Pharm and 4 years in PhD]

PERSONAL DETAILS

➤ Name	Rajendra Kumar Jangde
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➤ Languages:	English, Hindi and Chhattisgarhi
➤ Nationality:	Indian
➤ Gender:	Male
➤ Date of Birth:	5 May 1984
➤ Marital Status:	Married

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and I will contribute my best efforts to a great extent in achieving the objectives of the organization, if an opportunity is given to serve in.

Rajendra Kumar Jangde