

SECTION – ‘C’

BIO DATA OF INVESTIGATOR

Dr. Rajendra Kumar Jangde

Permanent Address

H.No. C –3, OLD Teachers Quarter
Pt. Ravishankar Shukla University Campus
Raipur (C.G.)

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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 Pharmaceutics	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 DAwarded (2016)

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

➤ **M. Pharma 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**
- ❖ Life time membership of (Association of Pharmaceutical Teachers of India) APTI, **CG/LM - 088**

PAPERS PRESENTED IN CONFERENCES AND SEMINARS

1. 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.
2. Presented (oral) research paper entitled “Development and characterization of quercetin-loaded liposomes for enhanced wound healing” in CGCOST National Seminar from 5th - 06st March 2016, organized at Columbia Institute of Pharmacy, Raipur Sponsored by Chhattisgarh council of Science and Technology. **(Best Paper Award)**
3. Presented (oral) research paper entitled “Hydrogel containing plant active loaded liposomes for complete wound healing” in 13th Chhattisgarh Young Scientist Congress, 2015 from 28th Feb -01st March 2015, organized at Indira Gandhi Krishi Vishvidalaya, Raipur Sponsored by Chhattisgarh council of Science and Technology.
4. Presented research paper entitled “Design and characterization of Quercetin loaded liposome embedded in to hydrogel for wound healing” 66th Indian Pharmaceutical Congress, Hyderabad, 20-22 Dec, 2014, A-12.
5. Presented (oral) research paper entitled “Formulation and in vitro characterization of Quercetin loaded liposome incorporated in to hydrogel for wound healing” International

- conference Frontiers in Pharmaceutical Science and research “ Cutting edge technology in New Drug Discovery and Drug Delivery systems sponsored Organized by Columbia Institute of Pharmacy, Raipur (C.G.).11-12 October 2014.
6. Presented research paper entitled “Formulation and in vitro characterization of ellagic acid loaded liposome for wound healing” in AICTE sponsored national seminar on Advances and avenues in novel drug delivery system for therapeutically effective plant actives. Organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur from 29th – 30th October 2014.
 7. Presented (oral) research paper entitled “Hydrogel containing liposome of quercetin for complete wound management.”in 8th Annual conferences of society for wound care and research organized by wound care con , New delhi, 12-14 sep. 2014.
 8. Presented (oral) research paper entitled “Hydrogel containing liposome of rutin for complete wound management.” In Golden Jubilee National Conference on Nanodermatology: Advances, Pitfalls and Future Challenges.” Organized by University Institute of Pharmacy, Pt. R. S. S. U, Raipur (C.G.) from 28th – 30th April 2014.
 9. Presented (oral) research paper entitled “Quercetin Entrapped Liposomal Encapsulated Carbopol Hydrogel For Complete Wound Healing” in 12th Chhattisgarh Young Scientist Congress, 2014 from 17th -19th February 2014, organized at S.O.S in Chemistry, Pt. R. S. S. U, Raipur , sponsored by Chhattisgarh council of science and technology.
 10. Presented (oral) research paper entitled “Plant Active Entrapped Liposomal Encapsulated Carbopol Hydrogel For Complete Wound Healing. “Pharma Industry-Institute Interaction For Development Of Chhattisgarh” CGCOST,Raipur organized by Srishankarcharya college of pharmacy,Bhilai (C.G.), 8 Feb.2014.
 11. Presented (oral) research paper entitled “Development and Characterization of Liposomal Encapsulated Quercetin For Wound Healing. “Recent development for modernization of Indian tradinional formulations” AICTE, New Delhi, Organized By-Columbia Institute of Pharmacy, Raipur (C.G.).24-25 Jan.2014
 12. Presented Poster entitled “Development of A Spectrofluorimetric Method For The Determination of quercetin.” in 65th Indian Pharmaceutical Congress held at New Delhi, Amity University 20th – 22nd December 2013.

13. Paper Presented entitled “Development & characterization of novel systems of wound healing” 2nd international and 7th national annual conference of the society for wound care and research, Wound care con 2013” 11-13 oct. 2013 at Pondicherry, India.
14. Presented poster entitled ““Preparation and Characterization of Novel Systems for wound healing..” In Chhattisgarh council of science & technology sponsored national seminar on rules and precincts of IPR and regulatory affairs for Indian Drugs; held at Columbia Institute of Pharmacy, Raipur (C.G.) during 29-30th September 2013.
15. 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.
16. Presented oral paper entitled “Bioactive Entrapped Novel Drug Delivery System For Wound Healing in UGC-SAP 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.
17. 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, Chhattisgar, sponsored by Chhattisgarh council of science and technology.
18. Presented oral research paper entitled “Formulaion 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).
19. Development and characterization of dispersible tablets of microencapsulated ampicilin and cloxacillin. **Impact of Nanotechnology on Drug Discovery and Development**, Sponsored by Pharmanext, Shimla, Himachal Pradesh , 25-27 June 2011.
20. 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).
21. “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.
22. 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.
 23. Formulation and characterization of gatifloxacin suspension for pediatrics and geriatrics use. **62 Indian pharmaceutical congress 2010** Manipal, Karnataka (India)17-19 december.e-118.
 24. “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..
 25. Development of formulation and investigation of quality control parameters of suns cream of *Aloe barbadensis*. In AICTE sponsored seminar on **Quality perspective of Herbal cosmetics** (8-9 September 2008) at Institute of pharmacy, Pt. RSU Raipur, Chhattisgarh, (India).
 26. Development of formulation and investigation of quality control parameters of suns cream of *Curcuma longa*; 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).
 27. “ 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 as Delegate in the “Orientation course” held on 03-30 June 2015 Sponsored by Human Resource Development centre, organized by Pt. Ravishankar Shukla University Raipur, Chhattisgarh (India).

- Attended three days workshop on Diagnosis of diseases and molecular evaluation with hands on training from November 11th – 13th 2014; organized by University Institute of Pharmacy, Pt. R S. 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 Chhattishgarh**” 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 training on “**Export Packaging**” organized by Ministry of Micro, Small and Medium Enterprises (MSME) in association with IIP, Kolkata held on 01 – 02- 2012 to 03- 02- 2012 at Raipur.
- Attended 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, Graph pad prism software.
- 📁 Handled analytical instrument like UV-visible spectrophotometer (Shimadzu), Dissolution tester (USP), FTIR, Malvern Zetasizer, HPLC etc.

PUBLICATIONS

2016

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

2015

1. **Rajendra K. Jangde.** Plant Profile of Ficus religiosa: A Review. Research J. Science and Tech. 7(4): October- December, 2015, 133-138.

2014

1. **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.
2. **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.
3. **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.
4. **Rajendra Jangde**, Manju Singh and Deependra Singh. Development and Determination of Rutin by spectroflurimetric method Biomedical and Pharmacology Journal, 2014, 7(2):1-6.
5. **Rajendra Jangde**, Manju Singh and Deependra Singh . Development and Determination of Quercetin by spectroflurimetric method Asian Journal of traditional Medicine, 2014, 9(6):20-26.

2013

1. 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.
2. 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

1. **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* Dc root for antibacterial and anthelmintic activities, Pharmacologyonline 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 *ougeinia oojeinensis* leaves in streptozotocin-induced-diabetic rats, Pharmacologyonline 2:2011, 1046-1052.
6. J. Singh, R. Sahu, D.N. Prasad and **Rajendra Jangde.** Evaluation of in vitro antioxidant activity of *ougeinia oojeinensis* leaves, Pharmacologyonline 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, Pharmacologyonline 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, Pharmacologyonline 2:2011,463-469.
9. M. Singh, S. Sharma, S.L. Sharma, Ram Sahu, and **Rajendra Jangde.** Preparation and evaluation of herbal cosmetic Cream, Pharmacologyonline 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, Pharmacologyonline 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, Pharmacologyonline 2:2011, 1212-1216.
12. **Rajendra Jangde and Sanjay Daharwal** Formulation development and evaluation of suspension of gatifloxacin using suspending agent, Pharmacologyonline 2:2011, 1161-1170.
13. **Rajendra Jangde.** An Overview of Resealed Erythrocyte for Cancer Therapy, Asian J. Res. Pharm. Sci. 1(4):2011, 83-92.
14. **Rajendra Jangde.** Microsponges for colon targeted drug delivery system: An overview, Asian J. Pharm. Tech. 1(4):2011, 87-93.
15. **Rajendra Jangde.** Colonic Drug Delivery of New Approaches, Research J. Pharm. Dosage Forms and Tech. 3(6): 2011, 241-246.
16. **Rajendra Jangde.** Magnetically modulated Drug Delivery Systems: An Overview, Research J. Pharm. and Tech. 4(11): 2011, 1649-1657.
17. **Rajendra Jangde.** Matrix metalloproteinase: An overview, Research J. Science and Tech.; 3(6): 2011, 304-310.
18. **Rajendra Jangde, Deependra Singh and Sanjay Daharwal** Formulation and characterization of tasteless dispersible tablet containing Ampicillin and Cloxacillin, Biosciences, Biotechnology Research Asia 8(2):2011,747-752.
19. **Rajendra Jangde, Deependra Singh and Sanjay Daharwal** Development and Characterization of ethylcellulose coated microcapsules for controlled release of Ampicillin, Biosciences, Biotechnology Research Asia 8(2):2011,801-805.
20. V. Sharma. S. Sharma, S.L. Sharma, Ram Sahu, and **Rajendra Jangde** Formulation, development and evaluation of Pregabalin sustained release matrix tablets, SRL, Scholars Research Library, Der Pharmacia Lettre, 3(5):2011, 326-331

2009

1. **Rajendra Jangde and Sanjay Daharwal** Evaluation of suspending properties of acacia Mucilage on the gatifloxacin suspension, J. Pharmacy Research, 2(9):2009, 1370-1372.

2009

2. Taste Masking for bitter drugs, Farmavita.net
3. Dendrimers A novel approach for drug delivery to cancer, Farmavita.net
4. Transferosomes: An Overview, DOAJ, 5.

EXPERIENCE

- ❖ Worked as a Lecturer in March 2009 to 16 Nov. 2009 (**7months**) Shri Rawatpura sarkar 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 a Assisatant Professor 8 Nov. 2012 to till date University Institute of Pharmacy, Shukla University, Raipur-492 010, C.G

❖ **Research Experience – 5years** [1 year in M. Pharm and 4 years in PhD]

PERSONAL DETAILS

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|--------------------------|----------------------------------|
| ➤ Name | Rajendra Kumar Jangde |
| ➤ Father's Name: | Shri. Sakha Ram Jangde |
| ➤ 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