

Curriculum Vitae

Dr Sanjay Kumar Jain
M.Pharm (Pharmacognosy), Ph.D, D.P.P.M.
Reader,
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PERSONAL DETAILS:

Date of Birth: 26/09/1966

Marital Status: Married

Father's Name: Late Dr. J.K. Jain

Address for correspondence: Institute of Pharmacy, Bundelkhand University, Kanpur road Jhansi 284128 (U.P.)

Permanent Address: 4-A, Parshva Nagar, Jain Colony, Opposite medical, Karguan, Jhansi 284128, (U.P.)

ACADEMIC QUALIFICATION:

Doctoral Research: **Doctoral of Philosophy** in Pharmacy (Pharmacognosy), 2006, Bundelkhand University, Jhansi (UP), India

Research Topic: Phytochemical and Pharmacological investigations of *vitex negundo* and *ficus religiosa* for antidiabetic activity.

Master's Degree: **M.Pharm (Pharmacognosy)**, First class 1991, Dr H.S. Gour Viswavidyalaya, Sagar (M.P.), India

Research Topic: Evaluation of a formulation for antimalarial activity.

Bachelor's Degree: **B.Pharm**, 1989, Dr H.S. Gour Viswavidyalaya, Sagar (M.P.), India

Languages Known: English, Hindi

PROFESSIONAL EXPERIENCE:

Aug 07- Till date: **As Reader**, Institute of Pharmacy, Bundelkhand University, Jhansi (UP), India

Dec 2006- Aug 07: **As Senior Lecturer**, Institute of Pharmacy, Bundelkhand University, Jhansi (UP), India

April 01-Dec 2006 **As Lecturer**, Institute of Pharmacy, Bundelkhand University, Jhansi (UP), India

Jan 96- April 01: **As Lecturer**, R.K.D.F.I.S.T, Bhopal (M.P.)

March 94- Jan 96: **As Production Manager**, Kay Dee Pharma (P) Ltd., Meerut (U.P.)

May 92- March 94: **As Junior officer Production**, M.J.P.L., Baroda, Gujrat

RESEARCH PUBLICATIONS:

1. **S.K. Jain**, H.R. Chitme, Ramesh Chandra. Indian Journal of Pharmaceutical Science, Antimalarial activity of a new herbal formulation, 2005, 101-103..
2. **S.K. Jain**, Shashi Alok, Monika Pandey. *In-vitro* antilithiatic studies on *Dolichos biflorus* Linn. (Seeds) and *Asparagus racemosus* willd (roots), International J. of Plant.Sci.3(6), 2008, 184-189.
3. **S.K. Jain**, Shashi Alok, Monika Pandey, Nazim. Pharmacognostical and preliminary phytochemical studies on Leaves of *Hyptis suaveolens* (L.), 13(29), 2007, 323-325. Flora and Fauna.
4. **S.K. Jain** , Shashi Alok, H.R. Chitme and Monika Sabharwal, "A Review on herbal treatment for urinary Stone" has been published in International Journal of Pharmaceutical Sciences and Research Feb 2010, Vol 1, issue 2, page no:24-31
5. Dharmendra Singh, **S. K. Jain** and S. K. Singh,'Evaluation of anticonvulsant activity of the leaves of ethanolic and aqueous extracts of *Nyctanthes arbortristis* Linn. against seizures induced by pentylenetetrazole & electroconvulsive shock in mice', has been published in International Journal of Pharmaceutical Sciences and Research, Feb. 2010, Vol. 1, issue 2; 63- 71
6. Amrita Mishra, Arun K. Mishra, **Sanjay K. Jain**, ' Anticonvulsant activity of *Cleome viscosa* seed extracts in Swiss albino mice' has been published in International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 2 (1), 177-181; 2010.
7. Ajit Kiran Kaur, **S. K. Jain**, "Phyto- pharmacognostic investigation of *Bauhinia tomentosa* Linn. has been published in International Journal of Biosciences, Biotechnology Research Asia, Vol. 6 (2), 899-902, 2009.
8. H. Gurjar, **S.K. Jain** , R Irchhaiya , Hypoglycemic effects of methanolic extract of *anthocephalus cadamba* bark in alloxan induced diabetic rats (rox b) miq. has been published in International Journal of Pharmaceutical Sciences and Research, March. 2010, Vol. 1, issue 3; 79-83
9. Brajesh Kumar, **S.K. Jain**, S. K. Prajapati, Alok Mahor and Ajay Kumar, Development and characterization of transdermal microemulsion gel for an antiviral drug, has been published in International Journal of Pharmaceutical Sciences and Research, June. 2010, Vol. 1, issue 6; 57-74
10. Himanshu Gurjar , **S.K. Jain** , Rupali Nandanwar and Vinod K. Sahu, Phytochemical screening on the stem bark of *anthocephalus cadamba* (rox b.) Miq. has been published in International Journal of Pharmaceutical Sciences and Research, July. 2010, Vol. 1, issue 7; 108-115
11. Jagbir Gagoria, Kuldeep Singh, **S.K. Jain**, Gautam and Anurag Khatkar, Syntehsis and anti-convulsant study of benzyldine rhodamine derivatives, has been published in Oriental journal of chemistry, 2008, Vol. 24(2), 713-716

12. P.S. Niranjana, D. Singh and **S.K. Jain**, Antidiabetic activity of ethanolic extract of *Dalbergia sissoo* L. Leaves in alloxan-induced diabetic rats. International Journal of current pharmaceutical research, 2010, Vol. 2 (2):24-27.
13. D. Dubey, Prashant K. and **S.K. Jain**, *In-vitro* antioxidant activity of the ethyl acetate extract of gum guggul (*Commiphora mukul*), Biological Forum- An International Journal, 2009, 1(1):32-35
14. Pradeep Singh and **S.K. Jain**, Antidiabetic activity of *berberis asiatica* (d.c.) Roots has been published in International Journal of Pharmaceutical Sciences and Research, July. 2010, Vol. 1, issue 6; 109-112
15. S. K. Kumhar, **S. K. Jain**, S. S. Pancholi, S. Agrawal, D. K. Saraf, G. P. Agrawal "Provesicular Transdermal Drug Delivery System of Ethinylestradiol and Levonorgestrel for Contraception and Hormone Replacement Therapy" Indian Jour. of Pharm. Sciences, 2003, 65(60), 620-627.
16. Amit Varma*, **S. K. Jain** and Shashi Alok, Hypoglycemic activity of *Putranjiva roxburghii* wall. in alloxan induced diabetic rats , International Journal of Pharmaceutical Sciences And Research. Vol.2 (1) ,2011: 174-178. doi 10.13040/IJPSR. 0975-8232.2(1).174-178
17. Rahul Deo Yadav*, **S. K. Jain**, Shashi Alok and Shallu Sharma: Analgesic activity of ethanolic extract of *Pongamia pinnata* Linn. Leaves, Scholars Research Library. Vol 3 (5): 179-182
18. Shashi Alok, **S. K. Jain**, Mayank Kumar, Amita Verma and Monika Sabharwal, Pharmacognostic and Phytochemical Evaluation of *Dolichos biflorus* Linn. has been accepted in Asian Pacific Journal of Tropical Disease- Elsevier.
19. Shashi Alok, **S. K. Jain**, Mayank Kumar, Amita Verma and V.K. Dixit, Macroscopical, anatomical and physico-chemical studies on fruits of *coccinia indica* wight & arn. (cucurbitaceae) has been accepted for publication in Asian Pacific Journal of Tropical Disease- Elsevier.
20. Goyal B, Shashi Alok, **Jain SK**, and Verma A: Evaluation of Analgesic activity of Ethanolic extract of *Tamarindus indica* leaves. on experimental Animal model. *Int J Pharm Sci Res* (Elsevier- Embase) 2013; 4(5); 1994-1997. doi: 10.13040/IJPSR.0975-8232.4(5).1994-1997
21. Rahul Deo Yadav*, Shashi Alok*, **S. K. Jain**, Amita Verma and Mayank Kumar: Effect of *Pongamia Pinnata* Linn. Leaves on Ethylene Glycol induced Urolithiasis in Rats has been accepted for publication in Asian Journal of Tropical Disease- Elsevier. Ref. no. 3D119
22. Agarwal P, Sharma B, **Jain SK**, Fatima A and S. Alok : Effect of *Convolvulus pluricaulis* Choisy. on blood glucose and lipid profile in streptozocin induced diabetic rats. *Int J Pharm Sci Res* 2014; 5(1): 213-19. doi: 10.13040/IJPSR. 0975-8232.5(1).213-19
23. Goyal B, S. Alok , **Jain SK**, Verma A and Kumar M: Phytochemical and Pharmacological investigation on the leaves of *Tamarindus indica* Linn. for

antilithiatic activity. *Int J Pharm Sci Res* 2014; 5(1): 259-62. doi: 10.13040/IJPSR.0975-8232.5(1).259-62

24. Kumar M., Shashi Alok, **Jain S.K.** and Verma A. : *In-vivo* study of antilithiatic activity on the fruits extracts of coccinia indica (wight & arn.) Ethylene glycol induced lithiatic in rats. *Int J Pharmacognosy*, 2014; 1(1): 51-58. doi: 10.13040/IJPSR.0975-8232.1(1).51-58
25. Shashi Alok, Mayank Kumar, **S. K. Jain**, , Amita Verma and Monika Sabharwal, Phathophysiology of kidney, gallbladder and urinary stones treatment with herbal & allopathic medicine: review article, *Asian Pacific Journal of Tropical Disease- Elsevier*, 2013, 3 (6): 496-504. doi: 10.1016/S2222-1808(13)60107-3
26. Shashi Alok, **S.K. Jain**, Amita Verma, M. Kumar, A. Mahor, Monika Sabharwal, Plant profile, phytochemistry and pharmacology of *Asparagus racemosus* (*Shatavari*): A review, *Asian Pacific Journal of Tropical Disease- Elsevier*; 2013; 3(3): 242-251. doi:10.1016/S2222-1808(13)60049-3
27. Shashi Alok, **S.K. Jain**, Amita Verma, M. Kumar, A. Mahor, Morphology, pharmacological activity, pharmaceutical preparation, doses & side effect of Coccinia Indica (Wight&Arn): An Overview; *Asian Journal of Tropical Disease- Elsevier* 2013; 3(6): 930-937. doi:10.1016/S2222-1808
28. Shashi Alok, H. R. Chitme , **S. K. Jain** , Monika Sabharwal, Herbal Treatment for Urinary Stones, *International Journal of Pharmaceutical Sciences and Research*, Vol. 1(2), 24-31, 5.07. doi 10.13040/IJPSR.0975-8232.1(2).24-31
29. Rahul D. Yadav*, **S. K. Jain** , Shashi Alok , S. K. Prajapati and Amita Verma: *Pongamia pinnata*: An Overview, *International Journal of Pharmaceutical Sciences And Research*. Vol.2 (3) ,2011: 494-500. doi 10.13040/IJPSR.0975-8232.2(3).494-500
30. Rahul D. Yadav*, **S. K. Jain**, Shashi Alok, Alok Mahor, J. P. Bharti and Manoj Jaiswal : Herbal Plants used In the treatment of Urolithiasis: A Review, *International Journal of Pharmaceutical Sciences And Research*. Vol.2 (6) ,2011: 1412-1420. doi 10.13040/IJPSR.0975-8232.2(6).1412-1420.
31. Shashi Alok, **S. K. Jain**, Mayank Kumar, Amita Verma, Monika Sabharwal and Alok Mahor, Herbal antioxidant in clinical practice: review article, *Asian Pac J Trop Biomed* 2013; 3(11): 909-915. doi:10.1016/S2221-1691(13)60179-3
32. Kumar M., Shashi Alok, **Jain S.K.**, and Verma A: Anti diabetic activity of plants with their phytoconstituents: A review . *Int J Pharmacognosy*, 2014; 1(1): 9-22. doi: 10.13040/IJPSR.0975-8232.1(1).9-22

Paper Communicated:

- 1- Prashant Kumar, **S.K Jain.**, Effect of Ethanolic extract of *Boerhaavia diffusa* with piperine against carbon tetrachloride induced hepatotoxicity in rats. *Indian Journal of Natural Product*.
- 2- Pathak S., **Jain S.K.**, Wanjari M. Effect of root of *Angelica archangelica* (Linn.) on convulsive seizures in mice. *Pharmaceutical Biology*.
- 3- Kumar Prashant, **Jain S.K.** Screening for Diuretic activity of combined extract of *Boerhaavia diffusa* and *Tribulus terrestris*. *Planta Indica*.

- 4- Ramchandra Jat and **S.K. Jain**, Preparation and evaluation of colon targeting microspheres. Asian Journal of Pharmaceutics.
- 5- Neelkant Prasad and **S.K. Jain**, Solubility enhancement of Glibenclamida. The Pharmacist.
- 6- S.K. Prajapati, **S.K. Jain** and M. Manda, Formulation and characterization of Albendazole microspheres. Asian Journal of Pharmaceutics.
- 7- **S.K. Jain** and Ajit Kiran Kaur, Antidaibetic activity of *Bauhinia tomentosa* Linn. root extract in alloxan induced diabetic rats. Asian Journal of Chemistry.
- 8- Gyanendra K. Saxena, **S.K. Jain** and S.K. Prajapati, Preparation and evaluation of floating tablets through solid dispersion of hydrophobic drugs. International Journal of Pharmaceutical Sciences.
- 9- Archana Gupta, **S.K. Jain**, Varsha Kashaw and Sushil Kashaw, Synthesis and biological evaluation of some novel 1,3,4- thiadiazole analogues. Asian Journal of Chemistry.

REFERED CONFERENCE ABSTRACTS:

1. Antidiabetic activity of *vitex negundo* on International Conferences on “Recent Advances in Biomedical & Therapeutic Sciences” 13-15th January, 2004, Bundelkhand University, Jhansi (U.P.)
2. Toxicology of *Vitex negundo* and *Ficus religiosa*, International Conferences of modern trends of forensic Sciences, 13-15th February, 2005, Bundelkhand University, Jhansi (U.P.)
3. Antidiabetic activity of *Ficus religiosa* on ICRA BTS-II, 6-8th January, 2005, Bundelkhand University, Jhansi (U.P.)
4. Role of Alkaloids in cancer chemotherapy on ICRA BTS-II, 6-8th January, 2005, Bundelkhand University, Jhansi (U.P.)
5. Future of Pharmacist in India on national symposium ‘Pharma vision 2006’, 1-3rd March, 2006, Oriental college of Pharmacy, Bhopal (M.P.)
6. “*In vitro* Antilithiatic Studies on *Dolichos biflorus* Linn. (Seeds) and *Asparagus racemosus* Willd. (Roots)” In 59th Indian Pharmaceutical Congress, Varanasi (U. P.)
7. *In-vitro* evaluation of Antirolithiatic activity of roots of *Asparagus racemosus* Willd.” In 60th Indian Pharmaceutical congress, New Delhi
8. Preliminary phytochemical studies on leaves of *putranjiva roxburghii* wall. on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March, 2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
9. *Bauhinia Variegata* Linn: A Medicinal Plant- A Review, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March, 2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
10. A Review Of Wound Healing Activity Of *Baliospermum Montnum* (Danti), on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March, 2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
11. A review on *melia azedarach* linn., on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March, 2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
12. Hepatoprotective Activity Of *Tecomella Undulata* Leaf Extract Against Paracetamol Induced Hepatic Damage In Rats, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March, 2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)

13. Preliminary Screening Of Ethanolic Extract Of *Celastrus Paniculatus* on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
14. Furosemide- Loaded Alginate Microsphere Prepared by Ionic Cross-Linking Technique: Morphology And Release Characteristics, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
15. Design and *In-Vitro* Characterization of Gastroretentive Drug Delivery System Of Paracetamol, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
16. An Intelligent Approach for Delivery of Amiloride Hydrochloride By Liposomes Drug Carrier & Effect Of Formulation Variables, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
17. Nanometer Silica Particles for Entrapping Therapeutic Agent: A Novel Ceramic Drug Carrier on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
18. The Natural Treatment of Hypertension, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
19. Antidiabetic Influence of dietary cumin seeds (*Cuminum Cyminum*) in streptozotocin Induced Diabetic Rats on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
20. Agricultural Review On Transgenic Plants, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
21. Marine Products of Medicinal Importance, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
22. Antidiabetic and Hypolipidemic Effects Of *Momordica Cymbalaria* (Hook) Stem Powder In Alloxan-Induced Diabetic Rats, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
23. Antidiabetic Activity Of *Terminalia Pallida* Root In Alloxan Induced Diabetic Rats, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)
24. Ethyl Cellulose Microcapsules for Protecting and Controlled Release of Folic Acid, on national seminar, Emerging Trends in Future of Pharmacy in 2020, 28th March,2010, Institute of Pharmacy, Bundelkhand University, Jhansi (U.P.)

CONFERENCES/SEMINARS /WORKSHOPS/SYMPOSIUM ATTENDED:

1. Novel & Controlled Drug Delivery System, Conducted by department of Pharmaceutical Sciences, 1991, Dr H.S. Gaur Vishwavidyalaya, Sagar (M.P.)
2. National Conference on Role of Forensic Sciences in Criminal investigation ,13-14th February, 2002, Department of Forensic Sciences, Bundelkhand University, Jhansi (U.P.)
3. National Conference on Environmental sciences and society: Interface for sustainable development on 5th June,2002 at Bundelkhand University, Jhansi (U.P.)

4. National Seminar on Challenges in Higher education in the Millennium in North zone V.C.'s Conference, organized by Association of Indian universities, U.G.C and Bundelkhand University, Jhansi on 6th October, 2002.
5. Patent Awareness workshop, organized by Council of Sciences & Technology (CSIR), U.P. and Technology information forecasting and Assessment council, Department of Sciences and Technology, New Delhi, 28th July 2003, Bundelkhand University, Jhansi (U.P.),India
6. Golden Jubilee Alumni meet, 6-7th February 2006, Department of Pharmacy, Dr H.S. Gour Vishwavidyalaya, Sagar (M.P.), India
7. Workshop on Inspiring Potential and Empowering women, 11th march, 2006, Veerangana Jhalkari Bai centre for women's studies and development, Bundelkhand University, Jhansi (U.P.),India
8. Workshop on 'e-resources', 21st July,2008, central Library, Bundelkhand University, Jhansi (U.P.),India
9. International Seminar "Pharma Vision 2020" 60th Indian Pharmaceutical congress 2008- New Delhi.

INVITED SPEAKER: 'Nature and Life', National Seminar on Biochemistry day held on 13th May'04 at Bundelkhand University, Jhansi (U.P.), India

CREDENTIALS AND ASSIGNMENTS:

1. Received scholarship of Rashtriya Pariksha, 1979, Lalitpur (U.P.), India
2. Received scholarship of Jain Dharam Pariksha, 1983, Lalitpur (U.P.), India
3. First Place in district in Junior High school, High school and Intermediate Board Examination, awarded by Lions Club, Lalitpur (U.P.), India
4. Board member of, UG Board of studies, Bundelkhand University, Jhansi (U.P.), India
5. Board member of, PG Board of studies, Bundelkhand University, Jhansi (U.P.), India
6. As "Internal observer" at D.J. Girls High school, Baraut, U.P. for conducting CPMT 2002
7. As "Asst. Centre Supdt. In B.Ed entrance examination held on 5th May, 2002 at Bundelkhand University, Jhansi (U.P.),India
8. As Invigilator in "Judiciary C Grade" Post examination at Bundelkhand University, Jhansi (U.P.),India
9. As observer of B.Ed entrance examination, 2003, Atarra College, Atarra (U.P.)
10. As First observer in B.Ed entrance examination '04 at UPSC, Allahabad (U.P.)
11. Course Co-ordinator of B.Pharm and M.Pharm, Sessional-in-charge, Pharmacognosy lab-in-charge, advisor of Pharmacy student council member of discipline and purchase committee etc.
12. As observer of B.Ed entrance examination, 2010, Arya Kanya Inter college, Jhansi (U.P.)

APPROVAL / MEMBERSHIP OF NATIONAL AND INTERNATIONAL BODIES

1. Executive Editor of **International Journal of Pharmaceutical Sciences and Research**.
2. Active/ Associate member of **Indian Journal of Natural Product**.
3. FDA Approval in '**Liquid oral section**' from M.J.P.L., Baroda, Gujrat.
4. Life member of IPA (UP/VAR/LM/0033)
5. **Registered Pharmacist** (Reg No. 20433), U.P. Pharmacy Council, Lucknow (U.P.)

RESEARCH GUIDANCE:

1. **Under Graduate Students:** Guided **Hundreds** of **B. Pharm** students of their Projects.
2. **Post Graduate Students:** Guided **Fifty** of **M. Pharm** students of their Projects.

REFERENCES:

Prof. Ramesh Chandra
Ex-Vice Chancellor
Bundelkhand University, Jhansi (U.P.)

Prof. V.K. Dixit
Department of Pharmaceutical Sciences
Dr H.S.G. Vishwavidyalaya, Sagar (M.P.)

DECLARATION:

I hereby declare that all the information furnished above is true to best of my knowledge and belief.

Date:

Place:

Dr S.K. Jain
Reader,
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Bundelkhand University,
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