

Resume

Name: Dilip Kumar Chanchal

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A. Professional Summary

- **Years of Experience:** 10 years
- **Specialization:** Pharmacognosy, Pharmaceutical Sciences, Drug Development
- **Key Skills:**
 - Expertise in Phytochemical and Pharmacological Studies
 - Skilled in Drug Delivery System Development
 - Research and Publication in Pharmaceutical and Biomedical Sciences
 - Hands-on Experience in Analytical Techniques like TLC, HPTLC, Soxhlet Extraction
- **Achievements:**
 - Chancellor Silver Medal - First position in M. Pharma
 - Young Talent Award in International Conference on “Emerging Trend and Artificial Intelligence in Pharmaceutical, Biomedical Science and Technology” on 4th March 2022 at Career Point University Kota, India.
 - Best Young Researcher award from Nature Science Foundation 2022. A Unique Research and Development Centre for Society Improvement, Coimbatore 641004, Tamil Nadu, India.
 - Young Achiever Award in International Conference on “Latest Trends & Innovations in Pharmaceuticals and Biosciences (ICLTIPB-2023)” on 18th March 2023 at Career Point University Kota, India.

B. Education

- **Ph.D. (Pursuing)** – Glocal University, Saharanpur, Uttar Pradesh, India (2021 – Present)
- **Master of Pharmacy (M. Pharm.)** in Pharmacognosy – Bundelkhand University, Jhansi, Uttar Pradesh, (2013-2015)
- **Bachelor of Pharmacy (B. Pharm.)** – Bundelkhand University, Jhansi, Uttar Pradesh, India (2009-2013)

C. Professional Experience

- **Current Position:** Associate Professor, SR Group of Institutions (College of Pharmacy), Since 21/11/2023
- **Previous Positions:**
 - Associate Professor, Smt. Vidyawati College of Pharmacy, Jhansi (03/06/2017 to 20/11/2023)
- **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
- **Editorial Board Member:** ISSRA Journal of Medicine and Pharmacology (IJMP), Dates: September 2021 – Present

D. Skills

- **Technical Skills:**
 - Pharmaceutical Formulation Development
 - Thin Layer Chromatography (TLC)
 - Soxhlet Extraction
 - In-vitro and In-vivo Studies
 - Use of learning management systems (LMS)
 - Proficient in MS Office Suite (Word, Excel, PowerPoint)
 - Scientific Data Analysis
- **Soft Skills:**
 - Communication and Presentation
 - Leadership and Mentorship
 - Creativity and Innovation in Research
 - Adaptability and Problem-Solving
 - Time Management

E. Publications & Presentations

- **Publications:**

1. **Chanchal DK**, Singh K, Bhushan B, Chaudhary JS, Kumar S, Varma AK, Agnihotri N, Garg A. An updated review of Chinese skullcap (*Scutellaria baicalensis*): Emphasis on phytochemical constituents and pharmacological attributes. *Pharmacological Research - Modern Chinese Medicine*. 2023;9(1):100326.
2. **Chanchal DK**, Prajapati RN, Bhushan B, Singh K, Chopra H, Kumar S, Agrawal M, Pathak D, Laxmikant. Recent advances in pharmaceutical design: unleashing the potential of novel therapeutics. *Curr Pharm Biotechnol*. 2024;25(16):2060-77.
3. Singh K, Gupta JK, **Chanchal DK**, Shinde MG, Kumar S, Jain D, Almarhoon ZM, Alshahrani AM, Calina D, Sharifi-Rad J, Tripathi A. Natural products as drug leads: Exploring their potential in drug discovery and development. *Naunyn-Schmiedeberg's Arch Pharmacol*. 2024;397(1):1-15.
4. **Chanchal DK**, Chaudhary JS. CRISPR-Based Therapies: Revolutionizing Drug Development and Precision Medicine. *Pharmacogenomics J*. 2024;24(1):1-12. doi:10.1038/s41397-024-00001-2
5. Singh K, Bhushan B, Mittal N, Kushwaha A, Raikwar CK, Sharma AK, **Chanchal DK**, Kumar S, Agrawal M. Recent advances in enzyme inhibition: A pharmacological review. *Curr Enzyme Inhib*. 2024;20(1):2-19..
6. **Chanchal DK**, Sharma SK. Exploring the therapeutic potential of *Madhuca longifolia* in traditional Chinese medicine for the management of kidney stones and various diseases: A review. *J Tradit Chin Med*. 2024;44(2):125-136.
7. Chaudhary JS, **Chanchal DK**, Singh K, Gupta JK, Jain D, Dubey A, Pandey M, Khan S. Transforming RNA-based gene therapy with innovative nanocarriers for siRNA and miRNA delivery. *Curr Gene Ther*. 2025;25(2):134-145.
8. **Chanchal DK**, Sharma SK. In vitro and in vivo antiurolithiatic potential of *Madhuca longifolia* leaf extract in kidney stone prevention. *J Exp Zool India*. 2025;28(2):539-546.
9. Batt A, Singh K, Gupta JK, **Chanchal DK**, Kumar K, Dubey A, Kumar S, Jain D. A comprehensive review of cellular stress response pathway system of *Rhizoma coptidis*. *J Ethnopharmacol*. 2024;269:113673. doi:10.1016/j.jep.2024.113673.

10. Yadav P, Lalwani S, **Chanchal DK**, Mittal N, Chaudhary JS. Exploring the synergistic antimicrobial potential of garlic and honey: A comprehensive review. *Curr Drug Ther.* 2025;20(5):689–698.
11. Singh D, Mishra AK, Mishra K, **Chanchal DK**, Chaudhary JS. Strategies to enhance ocular penetration of drugs in controlled release formulations. *Curr Drug Ther.* 2025;20(5):634–647.
12. Chaudhary JS, Verma R, **Chanchal DK**, Sahu MS, Mishra SR, Tomar V, Pandey M, Dubey A, Khan S. Development and optimization of extended-release tablets using biodegradable natural binders for enhanced antidiabetic therapy. *Biochem Cell Arch.* 2024;24(2):2575–2584.
13. Amsaveni S, Radha M, Chandrasekaran V, **Chanchal DK**, Mathew S, Sharma MC, Shiekmydeen J, Ali SS. Immune modulation strategies in gene therapy: Overcoming immune barriers and enhancing efficacy. *Curr Gene Ther.* 2025;25(4):374–393.
14. Sharma SK, Singh G, Porwal P, **Chanchal DK**. Microparticle drug delivery: A review of the system and its wide range of therapeutic applications in diabetes. *J Drug Deliv Sci Technol.* 2024;76:103739. doi:10.1016/j.jddst.2024.103739.
15. Singh K, Gupta JK, **Chanchal DK**, Varma A, Shanno K, Kumar S, Shamim. Deciphering the genetic landscape: Exploring the relationship between HLA-DQA1, HLA-DQB1, and HLA-DRB1 genes in diabetes mellitus. *Curr Pharmacogenomics Personalized Med.* 2024;21(3):125-135.
16. **Chanchal DK**, Porwal P, Mittal N. Targeting epigenetic modifiers: Promising strategies for cancer therapy and beyond. *Curr Drug Ther.* 2025;20(1):33-44.
17. Gupta H, Chaudhary JS, **Chanchal DK**. Nanostructures and niosomes: A quantum leap in clotrimazole therapeutics. *Curr Drug Ther.* 2025;20(3):267-279.
18. Singh G, Sharma SK, **Chanchal DK**. Formulation and evaluation of saxagliptin-loaded alginate microparticles for sustained drug release. *Biochem Cell Arch.* 2025;25(1):319-326.
19. **Chanchal DK**, Sharma SK. Comprehensive phytochemical screening and TLC fingerprinting of *Madhuca longifolia* leaf extracts for medicinal applications. *Biochem Cell Arch.* 2024;24(3):535-542.

20. Khatoon N, Savita KK, Chaudhary JS, **Chanchal DK**, Soni M. Fenugreek use: Biological role of fenugreek in health of human beings - A review. *J Adv Zool.* 2024;45(2):807.
21. Chaudhary JS, **Chanchal DK**, Dubey A, Tomar V, Verma R, Pandey M, Shakya PC, Kumar K. Qualitative phytochemical screening and quantitative estimation of bioactive compounds in the ethanolic extract of *Tribulus terrestris* L. *Biochem Cell Arch.* 2025;25(1):719–725.
22. Prof. (Dr.) Satish Kumar Sharma, **Dilip Kumar Chanchal***, Prateek Porwal, Gyan Singh. (2022). Medicinal plants globally effective for the treatment of lithiasis and in vitro parameters used in urolithiasis. *Journal of Pharmaceutical Negative Results*, 2754–2764.
23. Prof. (Dr.) Satish Kumar Sharma, Prateek Porwal, **Dilip Kumar Chanchal**, Gyan Singh: To synthesize the simplified vancomycin and evaluation of its analogues as novel antibiotics. *Eur. Chem. Bull.* 2023, 12(Special Issue 1), 646-656.
24. **Dilip Kumar Chanchal ***, Pankaj Singh Niranjana, Shashi Alok and Surabhi Rashi: Evaluation of macroscopical and microscopical study, phytochemical analysis, TLC and HPTLC fingerprinting of *Bauhinia purpurea* linn. Leaves; *International Journal of Pharmaceutical Sciences and Research* 2016; 7(8): 3539-3544.
25. **Dilip Kumar Chanchal ***, Mayank Kumar, Archana Dongray, Sakshi Tiwari, Saurabh Gupta and Shahbaz Khan: Phytochemical and pharmacological study on the leaves of *Bauhinia purpurea* L. for antilithiatic activity. *Journal of Pharmaceutical Research* 2020; 5(1): 27-31.
26. **Dilip Kumar Chanchal ***, Surabhi Rashi, Pankaj Singh Niranjana, Shashi Alok and Ravi Rajput: Medicinal plants used in Hepatoprotective: A Review. *International Journal of Life Sciences and Review* 2016; 2(4): 61-77.
27. **Dilip Kumar Chanchal ***, Pankaj Niranjana, Shashi Alok, Surabhi Kulshreshtha, Archana Dongray and Shweta Dwivedi: A brief review on medicinal plant and screening method of antilithiatic activity. *International Journal of Pharmacognosy* 2016; 3(1): 1-9.
28. **Dilip Kumar Chanchal***, Pankaj Niranjana, Shashi Alok, Shailendra Singh and Saurabh: An Update on Ayurvedic Herb Kachhna (Bauhinia Purpurea Linn.)- A Review, *International Journal of Pharmacognosy* 2015; 2(8): 381-390.
29. **Dilip Kumar Chanchal ***, Shashi Alok, Surabhi Rashi, Rohit Kumar Bijauliya, Rahul Deo Yadav and Monika Sabharwal: Various medicinal plants used in the treatment of anticancer activity.

International Journal of Pharmaceutical Sciences and Research 2018; 9(4): 1424-29.

30. **Dilip Kumar Chanchal***, Shashi Alok, Mayank Kumar, Rohit Kumar Bijauliya, Surabhi Rashi and Saurabh Gupta: A brief review on *Abelmoschus esculentus* Linn. Okra. International Journal of Pharmaceutical Sciences and Research 2018; 9(1): 58-66.
31. **Dilip Kumar Chanchal ***, Shashi Alok, Monika Sabharwal, Rohit Kumar Bijauliya and Surabhi Rashi: Nipah: silently rising infection. International Journal of Pharmaceutical Sciences and Research 2018; 9(8): 3128-35.
32. Kuldeep Singh, Jeetendra Kumar Gupta, Shivendra Kumar, Himansu Chopra, Sunil Kumar, Dilip Kumar Chanchal, Talever Singh, Ramkumar Chaudhary, Akash Garg, Sunam Saha, Devender Pathak, Avinash Kumar Mishra, Rutvi Agrawal, Urvashi Soni, Brajnandan Dubey. Pharmacological and therapeutic potential of *Hordeum vulgare*. Pharmacological Research - Modern Chinese Medicine, 2023, Volume 8,100300.
33. Porwal P, Singh G, **Chanchal DK**, Niranjana PK, Yadav RD, Gupta S, Khan S: Quantification of Antibiotic Residues in Raw and Layers Hen Eggs by Rp-Hplc. International Journal of Health Sciences 2022; 6: 5153-5160.
34. Prateek Porwal, **Dilip Kumar Chanchal**, Km. Pratiksha, Vikash Jha, Chandan Kumar Singh, and Neetu Singh: Various drug delivery system of ketorolac tromethamine formulations: an overview. European Journal of Molecular & Clinical Medicine 2023; 10(1): 3756-3767.
35. Dr. Alisir Babakuliyev, Prateek Porwal, Dr. Niladri Maiti, Gyan Singh, Shahbaz Khan, Dr. Gajender Singh, **Dilip Kumar Chanchal**: Design, synthesis, and structural activity relationship of antimicrobial peptides against multi-drug resistant organisms. International Journal of Health Sciences 2022; 6(S2), 11905-11917.
36. Gyan Singh, **Dilip Kumar Chanchal**, Dr. Neelkanth M. Pujari, Prateek Porwal, Navesh Veer and Dharmendra Kumar: Understanding the significance and outcomes of clinical pharmacology of ibuprofen. International Journal of Health Sciences 2022; 6(S5), 5850-5859.
37. Sakshi Tiwari, Ram Narayan Prajapati, Rahul Deo Yadav, **Dilip Kumar Chanchal**, Mohd. Faijan Mansoori and Saurabh Gupta: Pamam dendrimer-based luliconazole gel formulation and

efficiency evaluations. *European Journal of Molecular and Clinical Medicine* 2020; 7(8): 4881-94.

38. Sakshi Tiwari, Ram Narayan Prajapati, **Dilip Kumar Chanchal** and Mohd. Faijan Mansuri: An update on the pharmacological consideration, mechanism of action and clinical indications of various antifungal agents. *World Journal of Pharmacy and Pharmaceutical Sciences* 2020; 9(7): 2455-93.
39. Wasim Ahmed Khan, Rohit Kumar Bijauliya, **Dilip Kumar Chanchal** and Sakshi Tiwari: Preparation and in-vitro characterization of mucoadhesive microspheres of terbutaline sulphate. *Scholars Academic Journal of Pharmacy* 2019; 8(8): 410-15.
40. Rashi S, Singh D, Alok S, Sharma U, **Dilip Kumar Chanchal** and Mishra A,: Synthesis and characterisation of (MSNs) Mesoporous Silica Nanoparticles. *Int J Life Sci & Rev* 2016; 2(8): 133-37.
41. Afrin K, Prajapati SK, Prajapati RN, **Dilip Kumar Chanchal**, Sakshi Tiwari and Neha Agnihotri: Formulation and Evaluation of Nanosuspension of Rosuvastatin using Nanoprecipitation Technique. *Scholars Academic Journal of Pharmacy* 2019; 8(7): 365-75.
42. Afrin, Sunil Kumar Prajapati, **Dilip Kumar Chanchal**, Neha Agnihotri, Sakshi Tiwari, Deepti Singh and Chandni Ali: Nanosuspensions: A promising drug delivery strategy. *International Journal of Life Sciences and Review* 2019; 5(6): 82-91.
43. Singh D, Singh D and **Chanchal DK**: Formulation and in-vitro drug release study of controlled release tablet of nimodipine. *Int J Pharm Sci & Res* 2020; 11(10): 5027-38. doi: 10.13040/IJPSR.0975-8232.11(10).5027-38.
44. Neha Agnihotri, Girish Chandra Soni, Sunil Kumar Prajapati, **Dilip Kumar Chanchal**, Afrin Khan, Sakshi Tiwari: Formulation and Evaluation of Nanoemulsion for Targeting and Systemic Delivery of Diclofenac Sodium. *Scholars Academic Journal of Pharmacy* 2019; 8(5): 376-93.
45. Neha Agnihotri, Girish Chandra Soni, **Dilip Kumar Chanchal**, Afrin Khan and Sakshi Tiwari: A review on microsphere as a novel drug delivery system for multi-particulate drug release. *Int J Life Sci & Rev* 2019; 5(1): 6-15.
46. Neha Agnihotri, Girish Chandra Soni, **Dilip Kumar Chanchal**, Afrin and Sakshi Tiwari: A scientific review on nanoemulsion for targeting drug delivery system. *Int J Life Sci & Rev* 2019; 5(2): 16-29. doi: 10.13040/IJPSR.0975-8232.IJLSR.5(2).16-29.

47. Kant P, Hazra S, Bijauliya RK and **Dilip Kumar Chanchal**: Inhibition of protein (enzyme) DHNA by using molecular docking. *Int J Pharmacognosy* 2018; 5(10): 682-87.
48. Kant P, Navani NK, Bijauliya RK and **Dilip Kumar Chanchal**: Transdermal drug delivery by sonobandage: A mini review. *Int J Life Sci & Rev* 2018; 4(9): 172-75.
49. Rohitashwa Sonkar, S. K. Prajapati, **Dilip Kumar Chanchal**, Rohit Kumar Bijauliya and Santosh Kumar: A review on transdermal patches as a novel drug delivery system. *Int J Life Sci & Rev* 2018; 4(4): 52-62.
50. Manesh Kumar, Devender Singh, Surabhi Rashi, **Dilip Kumar Chanchal** and Saurabh Gupta: Formulation and Evaluation of Mouth Dissolving Tablets. *World Journal of Pharmaceutical Research* 2016; 5(3): 498-516.
51. Manesh Kumar, Devender Singh, **Dilip Kumar Chanchal**, Surabhi Rashi: An Introduction to Orodispersed Tablets. *World Journal of Pharmaceutical Research* 2016; 5(5).
52. Archana Dongray, Dr. Raghuvir Irrchariya, **Dilip Chanchal** and Saurabh Chaudhary: Phytochemical and Pharmacological properties of *Bauhinia acuminata*, *World Journal of Pharmaceutical Research* 2016; 5(1): 531-546.
53. Shweta Dwivedi, Alok Mahor and **Dilip Chanchal**: Chitosan Nanoparticles: A Review. *World Journal of Pharmacy and Pharmaceutical Sciences* 2016; 5(1), 433-439.
54. Saurabh Chaudhary, Shashi Alok, S. K. Jain, **Dilip Chanchal** and Archana Dongray: Phytopharmacology and Pharmacognostic properties of *Ficus benghalensis* - A review *International Journal of Pharmacognosy* 2015; 2(12): 560-569.
55. Saurabh Gupta, **Dilip Kumar Chanchal** and Surabhi Rashi: Formulation and evaluation of Clindamycin emulgel. *Indo American Journal of Pharmaceutical Sciences* 2017; 4(11): 4071-4077.
56. Rohit Kumar Bijauliya, Shashi Alok, **Dilip Kumar Chanchal** and Mayank Kumar: A comprehensive review on standardization of herbal drugs. *International Journal of Pharmaceutical Sciences and Research* 2017; 8 (9): 3663-3672.
57. Rohit Kumar Bijauliya, Shashi Alok, Mayank Kumar, **Dilip Kumar Chanchal** and Shrishti Yadav: A comprehensive review on herbal cosmetics. *International Journal of Pharmaceutical Sciences and Research* 2017; 8(12): 4930-4949.

58. Mayank Kumar, Shashi Alok, **Dilip Kumar Chanchal**, Rohit Kumar Bijauliya, Rahul Deo Yadav and Monika Sabharwal: An updated pharmacological activity of *Coccinia indica* (Wight & Arn.) International Journal of Pharmaceutical Sciences and Research 2018; 9(2): 456-65.
59. Rohit Kumar Bijauliya, Shashi Alok, Mayank Kumar, **Dilip Kumar Chanchal**, Monika Sabharwal and Rahul Deo Yadav: An update of pharmacological activity of *Psidium guajava* in the treatment of various diseases. International Journal of Pharmaceutical Sciences and Research 2018; 9(3): 883-93.
60. Rohit Kumar Bijauliya, Shashi Alok, **Dilip Kumar Chanchal** and Mayank Kumar: comprehensive review on standardization of herbal drugs. International Journal of Pharmaceutical Sciences and Research 2017; 8(9): 3663-77.
61. Rohit Kumar Bijauliya, Shashi Alok, **Dilip Kumar Chanchal**, Monika Sabharwal and Rahul Deo Yadav: An updated review of pharmacological studies on *Azadirachta indica* (neem). International Journal of Pharmaceutical Sciences and Research 2018; 9(7): 2645-55.
62. Pateriya K, Kushwaha SK, Bijauliya RK and **Dilip Kumar Chanchal**: Liposome based sustained release delivery system for anticancer drug. Int J Life Sci & Rev 2018; 4(6): 98-03
63. Rohit Kumar Bijauliya, Shashi Alok, Monika Sabharwal and **Dilip Kumar Chanchal**: *Syzygium cumini* (Linn.) - An overview on morphology, cultivation, traditional uses and pharmacology. International Journal of Pharmaceutical Sciences and Research 2018; 9(9): 3608-20.
64. Verma J, Prajapati SK, **Dilip Kumar Chanchal**, Bijauliya RK and Agnihotri N: Formulation and evaluation of fast dissolving tablet of Amlodipine besylate using different superdisintegrants containing solid dispersion by direct compression method. Int J Life Sci & Rev 2018; 4(4): 63-70.
65. Sarika Nigam, Vikram Singh, Archana Dongray and **Dilip Kumar Chanchal**: Comparative phyto-pharmacognostical study on *Acacia arabica* and *Prosopis juliflora*. International Journal Pharmacognosy 2018; 5(10): 646-57.
66. Sarika Nigam, Vikram Singh, Archana Dongray and **Dilip Kumar Chanchal**: Comparative macroscopic and microscopic study on *Acacia arabica* & *Prosopis juliflora*. International Journal Pharmacognosy 2018; 5(11): 746-55.

67. Singh S, Jain SK, Alok S, **Dilip Kumar Chanchal**, Bijauliya RK and Rashi S: Evaluation of macroscopical and microscopical study, TLC and HPTLC fingerprinting of *Ficus religiosa* Linn. leaves. *Int J Life Sci & Rev* 2018; 4(1): 48-51.
68. Shailendra Salauniyan, Raghuvir Irchhaiya, Nandlal Singh, Shashi Alok, **Dilip Kumar Chanchal** and Rohit Kumar Bijauliya: Evaluation of macroscopical and microscopical study of *Bryophyllum pinnatum* plant. *International Journal of Life Sciences and Review* 2019; 5(6): 92-96.
69. Shailendra Salauniyan, Raghuvir Irchhaiya, Nandlal Singh, Shashi Alok, **Dilip Kumar Chanchal** and Rohit Kumar Bijauliya: Evaluation pharmacological study of *Bryophyllum pinnatum* plant for antilithiatic activity. *International Journal Pharmacognosy* 2019; 6(4): 141-45.
70. Shailendra Singh, S. K. Jain, Shashi Alok, **Dilip Chanchal** and Surabhi Rashi: A Review on *Ficus religiosa* – An Important Medicinal Plant. *International Journal of Life Sciences and Review* 2016; 2(1): 1-11.
71. Surabhi Rashi, Devender Singh, **Dilip Kumar Chanchal**, Mohit Singh, Sonia Anand and Shashi Alok: Cubosomes: A Bicontinuous Cubic Crystalline Phase. *International Journal of Life Sciences and Review* 2015; 1(10): 291-301.
72. Niladri M, Singh S, Porwal P, **Chanchal DK**, Macadangdang Jr RR, Patil PY. Formulation development and evaluation of terbinafine using quality by design approach. *Natural Volatiles & Essential Oils* 2021 Nov 7: 2581-98.
73. Dongray A, Nigam S, **Chanchal DK**, Chaudhary S and Khan S: A review on some medicinal plant having anti-diabetic potential. *Int J Life Sci & Rev* 2018; 4(10): 155-62.
74. Sonkar R, Prajapati SK, Bijauliya RK, **Chanchal DK** and Singh PK: Formulation and preparation of transdermal patches of Glimipride (Part -1). *Int J Life Sci & Rev* 2018; 4(8): 123-30.
75. Salauniyan S, Irchhaiya R, Singh N, Alok S, **Chanchal DK** and Bijauliya RK: Morphology, phytochemistry and traditional uses of *Bryophyllum pinnatum* – A review. *Int J Life Sci & Rev* 2019; 5(7): 97-03.
76. Rastogi A, Prajapati RN, Prajapati SK, Bijauliya RK, **Chanchal DK** and Kumar S: Formulation, development and characterisation of microemulsion system of Amoxicillin. *Int J Life Sci & Rev* 2018; 4(9): 140-50. doi: 10.13040/IJPSR.0975-8232.IJLSR.4(9).140-50.

77. Kant P, Randhawa GS, Bijauliya RK and **Chanchal DK**: Guar gum: pharmaceutical and therapeutic applications. *Int J Life Sci & Rev* 2018; 4(9): 131- doi: 10.13040/IJPSR.0975-8232.IJLSR.4(9).131-39.
78. Yadav S, Bijauliya RK, **Chanchal DK** and Singh PK: A review on cancer and an overview of methotrexate drug. *Int J Life Sci & Rev* 2018; 4(10): 163-71. doi: 10.13040/IJPSR.0975-8232.IJLSR.4(10).163-71.
79. Sonkar R, Prajapati SK, Bijauliya RK, **Chanchal DK** and Singh PK: Formulation and preparation of transdermal patches of Glimipride Part -2. *Int J Life Sci & Rev* 2018; 4(9): 180-89. doi: 10.13040/IJPSR.0975-8232.IJLSR.4(9).180-89.

- **Conference Presentations:**

1. The 4th International Conference on Developing New India through Science, Social Science, Humanities & Research, organized by the Indian Mental Health & Research Centre and Shia P.G. College, took place on 29-30 October 2022. During this event, presented my research paper titled "The Development of Ayurveda: From Ancient Practice to Modern Fad,".
2. The International Conference on Emerging Cutting-Edge Research & Innovations in Pharmaceutical, Life Sciences & Technology (ICERIPST-2024) is scheduled for 16th March 2024 and is organized by Career Point University. I present a oral presentation on "Phytochemical screening and TLC analysis of Madhuca longifolia extracts: unveiling bioactive compounds".
3. The International Conference on Latest Trends & Innovations in Pharmaceutical and Biosciences (ICLTIPB-2023) took place on 18th March 2023 at Career Point University. I participated by presenting a poster presentation on "Phytochemistry, Medicinal Uses Along With Its Biological Activities of Amoora Rohituka (Meliaceae) Leaves".
4. The International Conference 2023 on Innovation, IPRs & Entrepreneurship was held at FS University on 27-28 October 2023. I actively participated by presenting an abstract titled "Unveiling the Healing Power of Madhuca longifolia Leaves: A Promising Solution for Preventing Urinary Stones".
5. The International Conference on Role of Pharmaceutical Sciences in Transformation & Survival in Post-Pandemic Era was organized by Dr. A.P.J. Abdul Kalam Technical University on 5th November 2022. I participated in this conference by presenting an poster paper titled "Biotechnological Approaches for the Conservation and Utilization of Madhuca Longifolia".

F. Certifications and Workshops

1. Hands-on-training workshop on Advanced Material Characterization by Sophisticated Research Instruments from April 28 to May 4, 2023 organized by Centre for Advance Research (CAR), Dr. Harisingh Gaur Vishwavidyala Sagar (M.P.) in association with Banasthali Vidyapith, Rajasthan.
2. Seminar on Emerging Trends in Pharmaceutical Research and All India Pharma Student's Conclave, March 16-17, 2013 at (B.H.U. Varanasi).
3. One-day National Conference on "Pharmaceutical Industry-Academia Relation: Current Opportunities and Future Prospects". November 16, 2013 at IPS- College of Pharmacy, Gwalior.
4. Participated as Member of LOC in the 69th IPC held at Chitkara University, Raipur from December 22nd to 24th, 2017
5. National Conference on Recent Advancement in Standardization of Herbal Drugs, 1st March, 2015 at Shri Rawatpura Sarkar Institute of Pharmacy, Datia, M.P.
6. Symposium on Recent Advances in Biomedical Sciences, February 29, 2016. Institute of Biomedical Sciences, Bundelkhand University, Jhansi.
7. Symposium on Thrust Areas of Research in Life Sciences, January 12, 2015. Institute of Biomedical Sciences, Bundelkhand University, Jhansi.
8. National Conference on Current Trend in Human Health care Pharmacy and Pharmacology, December 1, 2013, at Smt. Vidyawati College of Pharmacy.
9. Author workshop on "How to Write and Publish Scientific Articles and Manuscripts" on 15th April, 2018 at Lovely Professional University Punjab.
10. National Conference on Revival, Modernization and Validation of tribal Medicine to Treat Life Threatening Diseases, April 16, 2018, at Swami Vivekanand College of Pharmacy, Indore.
11. National Symposium on Bionic: Learning Science from Nature, February 17, 2018, Institute of Biomedical Sciences, Bundelkhand University, Jhansi.
12. National Conference on "Raising awareness about global scenario of Intellectual Property right and patenting issues", September 14, 15, 2018, at Modern Institute of Pharmaceutical Science, Indore.
13. National Conference on Perspective and challenges in pharmaceutical Sciences, March 5, 2016, at Shree Ganpati Institute of Technology, Ghaziabad.