BIODATA

Centre/School/Special Centre: Natural Resources
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Dr S.K. Lanjhiyana

Designation	**Associate Professor**
Qualification	**M. Pharm., Ph.D. (Pharmacy)**
Specialization	**Pharmaceutics**
Experience	**19 Years**
Research Projects	**03 (UGC-MRP-01; AICTE-MRP-01; CCOST-01)**
Research Papers	**39 (National and International)**
Papers in Conferences/ Seminars	**38 (National and International)**
Books	**05**
Book Chapters	**23**
Patent	**10 (Registered/Granted); 24 (Application Published)**
PhD Guided	**02**
M. Pharm. Guided	**18**
Training/ Courses	**10 (Orientation, Refresher, STTP, SDP)**
Administrative Responsibilities	University Level: Members of House Allotment Committee, Scrutiny Committee of Teaching Cadre, Adhoc Appointment Committee, Non Teaching Promotion Rule Committee, Medical Rules Committee. Institutional Level: Members of Departmental Research Committee (DRC), Admission Scrutiny Committee, Admission Counseling Committee, Library Committee, Sessional Exam Committee, Main Exam Committee, Departmental IQAC Committee, Departmental NIRF Committee, Programme coordinator of D.Pharm. Courses, Academic Head of M.Pharm. Class.
Professional Membership	Member of Association of Pharmaceutical Teachers of India (APTI), Member of Indian Pharmaceutical Association (IPA), Member of Indian Society for Technical Educations (ISTE), Registered Pharmacist in C.G.-Pharmacy Council of India.

Research Projects

1. Completed CCOST sponsored Minor Research Project entitled "Development & evaluation of colon specific drug delivery systems for some anti-cancer drugs" of worth Rs 1,27,700/- during 2007-10.
2. Completed UGC sponsored Major Research Project entitled "Dosage form development and evaluations of phytomedicines for effective treatment of lymphatic filariasis disease prevalent among Indian populations" of worth Rs 5,14,500/- during 2012-15.
3. Completed AICTE sponsored Major Research Project entitled "Development and characterization of natural biodegradable polysaccharides based mulitparticulate formulations for effective targeting to colon for management of inflammatory bowel diseases" of worth Rs Rs 14,00,000/- during 2013-16.

Research Papers

1. Lanjhiyana SK, Agrawal GP, Dangi JS, Jain S, Lanjhiyana S. Preparation & In Vitro Drug Release Studies from Modified Pulsincap Capsules. Indian Drug. 2007 Mar; 44(3):180-184.
2. Lanjhiyana A, Singhai AK, Dangi JS, Lanjhiyana SK, Ram A. Oral antihyperglycemic potential of root bark extract of E. glaucum Pers. In normal and streptozotocin-induced diabetic rats. Journal of Pharmaceutical Research. 2007 Oct; 6(4): 197-200.
3. Lanjhiyana SK, Dangi JS. Colonic Specific Delivery of 5-Fluorouracil: An In Vitro-In Vivo Testing Utilizing Guar Gum Polysaccharide as Carrier Matrix. Journal of Pharmaceutical Research. 2008;7(2):101-105.
4. Lanjhiyana SK, Dangi JS. Development and In-Vitro Drug Release Studies of Methotrexate from Modified Pulsatile Release Guar Gum Based Enteric Coated Capsules for Colon Specific Delivery. Indian J. Pharm. Educ. Res. 2008;42(2):154-160.
5. Murgan K, Shrivastava DK, Patil SKB, Lanjhiyana S, Lanjhiyana SK, Garabadu D et al. Role of Glycosylated Hemoglobin in Diabetic Patients associated with Hyperlipidemia in Chhattissgarh Region: A Biochemical Analysis. International Journal of Toxicological and Pharmacological Research. 2010 ;2(1):45-50.
6. Murgan K, Shrivastava DK, Patil SKB, Lanjhiyana S, Lanjhiyana SK, Garabadu D et al. Biochemical Investigation of Glycosylated Haemoglobin in Diabetes Associated Nephropathy in Chhattissgarh Population. Advances in Applied Science Research. 2010;1(2):106-113.
7. Murgan K, Shrivastava DK, Patil SKB, Lanjhiyana S, Lanjhiyana SK, Garabadu D et al. A Systematic Study on the Glycosylated Haemoglobin in Diabetes Associated Neuropathy in Chhattissgarh Population. Der Pharmacia Sinica. 2010;1(2):122-129.
8. Lanjhiyana SK, Garbadu D, Lanjhiyana S, Ahirwar B, Arya A. In-Vitro and In-Vivo Release Studies of Methotrexate from Novel Enteric Coated Time-dependent Microbial-Triggered Drug Delivery Systems for Colon Specific Targeting. International Journal of Pharmaceutical Sciences Review & Research. 2010;5(1):124-130.
9. Murgan K, Shrivastava DK, Patil SKB, Lanjhiyana S, Lanjhiyana SK, Garabadu D et al. A Systematic Study on the Glycosylated Haemoglobin in Diabetes Associated hypertension in Chhattissgarh Population. Der Pharmacia Sinica. 2010;1(3):79-85.
10. Murgan K, Shrivastava DK, Patil SKB, Lanjhiyana S, Lanjhiyana SK, Debapriya G et al. A Systematic Study on the Glycosylated Haemoglobin in Diabetes Associated obesity in Chhattissgarh Population. Advances in Applied Science Research. 2010;1 (3):112-117.
11. Lanjhiyana SK, Dangi JS, Garabadu D, Lanjhiyana S, Garabadu PS, Arya A. In-vitro Drug Release Studies of 5-Fluorouracil from Novel Enteric Coated Capsules Utilizing Combined Approaches of pH-dependent and microbial triggered biodegradable

polysaccharides for Colon Specific Delivery. Der Pharmacia Lettre. 2010;2(4):255-273.
12. Lanjhiyana SK, Garabadu D, Lanjhiyana S, Arya A. In-Vitro and In-Vivo Release Studies from Enteric Coated Drug Delivery Systems Utilizing Microbial Triggered Biodegradable Guar Gum Polysaccharides for Colon Specific Targeting. Journal of Global Pharma Technology. 2011;3(1):33-41.
13. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Antidiabetic activity of Methanolic extract of root bark of Aegel marmelos in Alloxan-induced animal model. Der Pharmacia Sinica. 2011;2(1):57-72.
14. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Antihyperglycemic potential of Aloe vera gel in experimental animal model. Annals of Biological Research. 2011;2(1):17-31.
15. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Hypoglycemic activity studies on aerial leaves of Pongamia pinnata (L.) in Alloxan-induced diabetic rats. Der Pharmacia Latter. 2011;3(1):55-70.
16. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Antidiabetic activity of Methanolic extract of stem bark of Elaeodendron glaucum Pers. in Alloxanized rat model. Advances in Applied Science Research. 2011;2(1):47-62.
17. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Hypoglycemic activity studies on root extracts of Murraya koenigii root in Alloxan-induced diabetic rats. J. Nat. Prod. Plant Resour. 2011;1(2):91-104.
18. Lanjhiyana S, Garabadu D, Ahirwar D, Bigoniya P, Rana AC, Lanjhiyana SK et al. Pharmacognostic Standardization and Hypoglycemic Evaluations of Novel Polyherbal Formulations. Der Pharmacia Letter. 2011;3(1):319-333.
19. Lanjhiyana S, Patra CK, Ahirwar D, Rana AC, Garabadu D, Lanjhiyana SK. Development and Validation of a HPTLC method for determination of Karanjin in Pongamia pinnata: A novel Indian medicinal plant. Der Pharmacia Sinica. 2012;3(1):144-147.
20. Lanjhiyana S, Patra CK, Ahirwar D, Rana AC, Garabadu D, Lanjhiyana SK. A validated HPTLC Method for Simultaneous estimation of two marker compounds in Aegle marmelos (L.) Corr., (Rutaceae) root bark. Der Pharmacia Letter. 2012;4(1):92-97.
21. Lanjhiyana SK, Bajpayee P, Kesavan K, Lanjhiyana S, Muthu MS. Chitosan-sodium alginate blended polyelectrolyte complexes as potential multiparticulate carrier system: colon targeted delivery and gamma scintigraphy imaging. Expert Opin. Drug Deli. 2013;10(1):5-15.
22. Jaisawal M, Lanjhiyana SK. Fabrication and Evaluations of Dual Crosslinked Mesalamine containing Pectin- Chitosan gel micro beads for controlled and targeted colon delivery. Research J. Pharm. and Tech. 2018;11(11):4797-4804.
23. Jaisawal M, Bharti SK, Lanjhiyana SK, Agrawal N, Sahoo MK. Applications-based prospective review of microwave-assisted synthesis. Chhattisgarh Journal of Science and Technology. 2018;15(3):101-109.
24. Jain SK, Lanjhiyana SK. QSAR Analysis on CRF1 Receptor Antagonists. Chhattisgarh Journal of Science and Technology.2018;15(1):103-106.
25. Chourasiya R, Lanjhiyana SK, Jaisawal M, Bharti SK, Jain SK, Gupta AK et al. Overview on gastro retentive drug delivery systems: Current scenario and future prospective. Chhattisgarh Journal of Science and Technology. 2019;16(1):81-84.
26. Sonkar SK, Lanjhiyana SK. Formulation and evaluations of methotrexate loaded multiparticulate system for colon targeting: In vitro and surface morphology. Research J. Pharm. and Tech. 2019;12(5):2067-2074.
27. Sonkar SK, Lanjhiyana SK. Drug release kinetic modeling and gamma scintigraphic studies of dual Ca^{2+} and SO_4^{2-} cross linked microbeads for colon specific targeting. Asian Journal of Pharmaceutics. 2020;14(4):661-69.

28. Sonkar SK, Akram W, Lanjhiyana SK. Polysaccharides based novel and controlled released multiparticulate systems for colon specific delivery: contemporary scenario and future prospects. Asian Journal of Pharmaceutics. 2020;14(4):488-98.
29. Sahoo MK, Jaiswal M, Bharti SK, Lanjhiyana SK, Agrawal N, Ananda M. Brine shrimp (artemia salina l.) Lethality assay of methanolic extract of plant jatropha gossypiifolia leaves. Chhattisgarh Journal of Science and Technology. 2020;17(4):118-124.
30. Sonkar SK, Ganeshan N, Mathur M, Lanjhiyana SK. Colon targeting of 5-fluorouracil loaded dual cross linked multiparticulate system: in vitro and in vivo characterizations. Asian Journal of Pharmaceutics. 2021;15(1):01-11.
31. Naskar A, Pal D, Suthar S, Lanjhiyana SK, Jain SK. Design of Phenyl urea Bioisosteres of Sorafenib as Novel VEGFR-2 Inhibitor in Hepatocellular Carcinoma. Chhattisgarh Journal of Science and Technology. 2021;18(1):66-75.
32. Jaiswal M, Lanjhiyana SK. Development and characterization of dual cross linked microbeads for colon specific targeting: Release kinetic modeling and gamma scientigraphy studies. Asian Journal of Pharmaceutics. 2022;16(4):585-595.
33. Agrawal N, Lanjhiyana SK, Bharti SK, Sahoo MK, Jaiswal M. Computational docking studies of some curcumin- nonsteroidal anti-inflammatory drugs (nsaids) hybrids for cox-1/2 inhibitory activity. Chhattisgarh journal of science and technology. 2022;19(4):547-554.
34. Parganiha R, Tripathi AK, Prathyusha S, Baghel P, Lanjhiyana SK, Lanjhiyana S. A review of plants for hepatic disorders. Journal of Complementary Medicine Research. 2022;13:46-52.
35. Suthar S, Pal D, Naskar A, Lanjhiyana SK, Jain SK. Design of Ethanolic Bioisosteres of Miglitol as Novel Alpha-Glucosidase Enzyme Inhibitor for Diabetes Mellitus. Chhattisgarh Journal of Science and Technology. 2022;19(4):145-153.
36. Pal D, Suthar S, Naskar A, Lanjhiyana SK, Jain SK. Design Of P-Methyl Bioisosters of Celecoxib as Selective COX-II Inhibitors Using Bioisosteric Approach. Chhattisgarh Journal of Science and Technology. 2022;19(4):154-165.
37. Jangde KK, Suryavanshi A, Shukla D, Jaiswal M, Lanjhiyana SK, Kumar V et al. Recent Progress in Theranostic Nanoparticles for Personalized Medicine. Chhattisgarh Journal of Science and Technology. 2022;19(4):487-495.
38. Tyagi S, Dalal A, Jayraman A. Hemalatha K, Lanjhiyana SK, Lanjhiyana S. A Solvent Casting Method For Aphthous Ulcer Research On The Selection Of Natural Polymer For The Development Of Amlexanox Buccal Patch. Eur. Chem. Bull. 2023;12(1):1337 – 1342.
39. Kashid VA, Yamini N, Pal R, Lanjhiyana S, Lanjhiyana SK, Baviskar AV. Green Technologies for Synthesizing Nanomaterials, with a Focus on Metal as well as Metal Oxide Synthesizing. Eur. Chem. Bull. 2023;12(1):901-910.

Books published with international publisher

1. Kaushik R, Kumar V, Sahu KK, Lanjhiyana S, Lanjhiyana SK. Colon Drug Targeting: Overview on Physico-Chemical Aspects. First Edition. London, UK: BP International; 2022.; Print ISBN: 978-93-5547-929-7, eBook ISBN: 978-93-5547-930-3; DOI: 10.9734/bpi/mono/978-93-5547-929-7.
2. Sahu KK, Kaushik R, Kumar V, Lanjhiyana S, Lanjhiyana SK. Colon Drug Targeting: Overview on Dosage Form Designing and Evaluation Aspects. First Edition. London, UK: BP International; 2022.; Print ISBN: 978-93-5547-931-0, eBook ISBN: 978-93-5547-932-7; DOI: 10.9734/bpi/mono/978-93-5547-931-0.
3. Kumar V, Kaushik R, Sahu KK, Lanjhiyana S, Lanjhiyana SK. Colon Drug Targeting: Overview on Formulation Excipient Aspects. First Edition. London, UK:

BP International; 2022.; Print ISBN: 978-93-5547-983-9, eBook ISBN: 978-93-5547-992-1; DOI: 10.9734/bpi/mono/978-93-5547-983-9.

4. Jaiswal M, Lanjhiyana SK. Current Overview on Colon Specific Drug Delivery. First Edition. London, UK: BP International; 2022.; Print ISBN: 978-93-5547-993-8, eBook ISBN: 978-93-5547-994-5; DOI: 10.9734/bpi/mono/978-93-5547-993-8.
5. Jaiswal M, Lanjhiyana SK. Technology Innovations in Colon Targeted Drug Delivery Systems. First Edition. London, UK: BP International; 2022.; Print ISBN: 978-93-5547-995-2, eBook ISBN: 978-93-5547-996-9; DOI: 10.9734/bpi/mono/978-93-5547-995-2.

Book chapters published with international publisher

1. Jain SK, Lanjhiyana SK, Ahirwar B, Gupta A, Jagan BGVS, Vourdoubas IS. Colon Directed Drug Transport by Way of AZO Prodrugs, In: *Challenges and Advances in Pharmaceutical Research Vol. 1*. London, UK: BP International; 2022. P. 34-48. https://stm.bookpi.org/CAPR-V1/article/view/6235.
2. Jain S K, Kumar V, Ghode P, Gupta AK, Lanjhiyana SK, Jagan BGVS. Imidazo [2, 1-b][1,3,4] Thiadiazoles as Murine Leukemia Cell Inhibitors: Quantitative Structure Activity Relationship (Qsar) Study, In: *New Innovations in Chemistry and Biochemistry Vol. 7.* London, UK: BP International; 2022. P. 26-3. https://doi.org/10.9734/bpi/nicb/v7/1764B.
3. Lanjhiyana SK, K. Jain S, Lanjhiyana S. Assessment of Polysaccharides for Development of Pharmaceutical Drug Delivery Systems, In: *New Innovations in Chemistry and Biochemistry Vol. 7*. London, UK: BP International; 2022. P.47-54. https://doi.org/10.9734/bpi/nicb/v7/1733B.
4. Lanjhiyana SK, Jain SK, Lanjhiyna S, Ahirwar B, Rana AC. Role of Polysaccharides in Advancement of Pharmaceutical Sustained and Controlled Release Dosage Forms, In: *Current Aspects in Pharmaceutical Research and Development Vol. 9*. London, UK: BP International; 2022. P. 1-8. https://doi.org/10.9734/bpi/caprd/v9/15530D.
5. Jain SK, Lanjhiyana SK, Gupta A, Jagan BGVS, Sahu S. QSAR Investigation on 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carbothioamides as EGFR Kinase Inhibitors, In: *Challenges and Advances in Pharmaceutical Research Vol. 2.* London, UK: BP International; 2022. P.58-70. https://doi.org/10.9734/bpi/capr/v2/15743D.
6. Ahirwar B, Ahirwar DK, Lanjhiyana SK, Jain SK. An Overview on Pharmacological Effects of Few Phytopolyphenols from Dietary and Herbal Origins, In: *Challenges and Advances in Pharmaceutical Research Vol. 3*. London, UK: BP International; 2022. P.104-15. https://doi.org/10.9734/bpi/capr/v3/16163D.
7. Kaushik R, Lanjhiyana SK, Jain SK, Lanjhiyana S, Rana AC, Kumar V. A Review on Colon Specific Drug Delivery Systems: Novel Approach in Pharmaceutical Perspective, In: *Challenges and Advances in Pharmaceutical Research Vol. 4.* London, UK: BP International; 2022 p. 84-93. https://doi.org/10.9734/bpi/capr/v4/16539D.
8. Kaushik R, Lanjhiyana SK, Jain SK, Lanjhiyana S, Rana AC. Recent Advancements of In-vitro and In-vivo Evaluation Strategies for Colonic Delivery Systems: An Overview, In: *Challenges and Advances in Pharmaceutical Research Vol. 4*. London, UK: BP International; 2022. P.94-104. https://doi.org/10.9734/bpi/capr/v4/16545D.
9. Kaushik R, Lanjhiyana SK, Jain SK, Lanjhiyana S, Rana AC. A Review on Designing and Formulation Approaches for Development of Novel Colon Specific Drug

Delivery Systems, In: *Challenges and Advances in Pharmaceutical Research Vol. 4*. London, UK: BP International; 2022. P.105-115. https://doi.org/10.9734/bpi/capr/v4/3199B.

10. Kaushik R, Lanjhiyana SK, Jain SK, Lanjhiyana S, Rana AC. Modern Pharmaceutical Technologies for Drug Targeting: A Review on Colon Specific Drug Delivery Systems, In: *Challenges and Advances in Pharmaceutical Research Vol. 4*. London, UK: BP International; 2022. P.147-156. https://doi.org/10.9734/bpi/capr/v4/16667D.
11. Jain SK, Gupta AK, Lanjhiyana SK. Quantitative Structure Activity Relationship (QSAR) Analysis on Substituted Pyrimidine Derivatives as Corticotropin-Releasing Factor1 Receptor Antagonists, In: Rizwi Sayed AA (ed.) *Challenges and Advances in Pharmaceutical Research Vol. 9*. London, UK: BP International; 2022. P.109-124. https://doi.org/10.9734/bpi/capr/v9/4166E.
12. Gupta AK, Lanjhiyana SK, Jain SK. Drug Used in Prostate Cancer Therapy: An Overview, In: Sawadogo RW (ed.) *Current Innovations in Medicine and Medical Science Vol. 7*, London, UK: BP International; 2022. P.106-135. https://doi.org/10.9734/bpi/cimms/v7/17206D.
13. Jaiswal M, Agrawal N, Kumar Y, Lanjhiyana SK. In vivo Models of Chemically Induced Colitis for Inflammatory Bowel Diseases: An Overview, In: Ikeno T (ed.) *Challenges and Advances in Pharmaceutical Research Vol. 10*. London, UK: BP International; 2022. P.141-149. https://doi.org/10.9734/bpi/capr/v10/4802A.
14. Jain SK, Gupta AK, Lanjhiyana SK. QSAR Analysis and ADMET Study on 3, 5-Disubstituted Oxadiazole Derivatives as Anticancer Agents, In: Karaman R (ed.) *Current Overview on Pharmaceutical Science Vol. 1*, London, UK: BP International; 2022. P.44-65. https://doi.org/10.9734/bpi/cops/v1/4296E.
15. Jaiswal M, Agrawal N, Kumar Y, Lanjhiyana SK. An Overview on Non-steroidal Anti-Inflammatory Drugs and Prodrug Concept, In: Karaman Rafik (ed.) Current *Overview on Pharmaceutical Science Vol. 1*, London, UK: BP International; 2022 P. 19-26. https://doi.org/10.9734/bpi/cops/v1/4820A.
16. Agrawal N, Jaiswal M, Lanjhiyana SK. A Review Study on Screening of Non-Steroidal Anti-Inflammatory Drug Using Experimental Animal Models for Inflammatory Diseases, In: Murdaca G (ed.) *Current Overview on Pharmaceutical Science Vol. 2*, London, UK: BP International; 2023. P.28-34. https://doi.org/10.9734/bpi/cops/v2/4851A.
17. Agrawal N, Raza H, Jaiswal M, Lanjhiyana SK, Sahoo MK. A Review on the Pharmacological Effects of Curcumin in Diabetes, Cancer, and Neurodegenerative Diseases, In: Karaman R (ed.) *Novel Aspects on Pharmaceutical Research Vol. 2*, London, UK: BP International; 2023. P. 59-71. https://doi.org/10.9734/bpi/napr/v2/6386A.
18. Sahoo MK, Agrawal N, Jaiswal M, Lanjhiyana SK. An Overview on Natural Antioxidants Derived from Food Sources, In: Rukeya B (ed.) *Advanced Concepts in Pharmaceutical Research Vol. 2*, London, UK: BP International; 2023. P.165-178. https://doi.org/10.9734/bpi/acpr/v2/6756B.
19. Sahoo M, Agrawal N, Jaiswal M, Lanjhiyana SK. Exploring the Potential of Ester Prodrugs of NSAIDs: A Comprehensive Overview, In: Mahmoud RSG (ed.) *dvanced Concepts in Pharmaceutical Research Vol. 3*, London, UK: BP International; 2023. P.151-159. https://doi.org/10.9734/bpi/acpr/v3/7003B.

20. Sahoo M, Agrawal N, Jaiswal M, Lanjhiyana SK. A Brief Review on NSAIDs: Classification, Mechanism of Action and Toxicity. London, UK: BP International; Accepted Manuscript number 2023/BP/6990B.
21. Lanjhiyana SK, Panwar B, Jain SK, Lanjhiyana S, Gupta S. A Review Study on Colon Targeting: Targeting Approaches and Polymers. Futuristic Trends in Chemical Material Sciences & Nano Technology International; Accepted Chapter ID " E16S6G85-28AUPP15 *IIPV3EBS06_G65.
22. Lanjhiyana SK, Bihari G, Jain SK, Lanjhiyana S, Gupta S. An Overview on Novel Liposphere Drug Delivery System: Current Scenario. Futuristic Trends in Chemical Material Sciences & Nano Technology. Accepted Chapter ID "E16S6G65-27AUPP15 IIPV3EBS06_G65.
23. Lanjhiyana SK, Bihari G, Jain SK, Lanjhiyana S, Gupta S. Polymeric Liposphere Drug Delivery System: Review on Preparation Methods and Disease Management. Futuristic Trends in Chemical Material Sciences & Nano Technology. Accepted Chapter ID "E16S6G65-27AUPP11*IIPV3EBS06_G65.

Training/ Workshop/ Courses

1. Attended UGC Sponsored Orientation Programme from 31.05.10 to 26.06.10 at Rani Durgavati Vishwavidyalaya, Jabalpur (M.P.).
2. Attended UGC Sponsored Refresher course from 01.07.11 to 21.07.11 at Guru Jambeshwar University, Hisar (Haryana).
3. Attended UCC Sponsored Refresher course from 16.06.15 to 06.07.15 at Kurukshetra University (Haryana).
4. Attended AICTE Sponsored Short Term Training Programme (STTP) from 19.05.08 to 24.05.08 at AR College of Pharmacy and GH Patel Institute of Pharmacy, Vallabh Vidya Nagar (Gujarat).
5. Attended AICTE Sponsored Short Term Training Programme (STTP) from 13.06.2005 to 25.06.2005 at Dept. of Pharm Sciences, Dr. H.S. Gour University, Sagar (M.P.).
6. Attended UGC Sponsored Short Term Course from 23.11.15 to 28.11.15 at Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh).
7. Attended IIT-Bombay Sponsored Faculty Development Programme (FDP) from 15.06.20 to 21.06.20 at Chouksey Engg. College, Bilaspur (C.G.).
8. Attended RGPV Sponsored Faculty Development Programme (FDP) 08.06.20 to 12.06.20 at Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.).
9. Attended APTI Sponsored Faculty Development Programme (FDP) from 06.07.20 to 11.07.20 at Shri Vishnu College of Pharmacy, Visakhapatnam (A.P.).
10. Attended Sponsored Workshop on statistical data analysis using R on 2023 organized by Science Tech Institute, Lucknow.

Patent Details

1. Indian patent with application number 370534-001 was awarded (registered) on dated 11/01/2023.
2. Indian patent with application number 371191-001 was awarded (registered) on dated 18/04/2023.
3. Indian patent with application number 370645-001 was awarded (registered) on dated 26/12/2022.
4. Indian patent with application number 381434-001 was awarded (registered) on dated 25/05/2023.
5. UK patent with application number 6282580 was awarded (registered) on dated 23/05/2023.

6. Indian patent with application number 383007-001 was awarded (registered) on dated 03/06/2023.
7. UK patent with application number 6284933 was awarded (registered) on dated 03/06/2023.
8. UK patent with application number 6284932 was awarded (registered) on dated 03/06/2023.
9. UK patent with application number 202321001235 was awarded (registered) on dated 27/01/2023.
10. UK patent with application number 377758-001 was awarded (registered) on dated 17/03/2023.

(**Dr S.K. Lanjhiyana**)