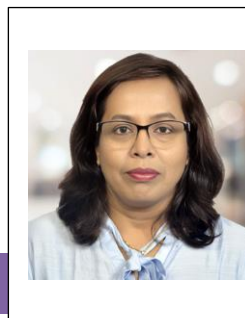


RKDF University, Bhopal
Faculty Profile



Basic Information				
Name	Dr. (Mrs.) Papiya Bigoniya			
Date of Birth	11-10-1973			
Designation	Professor			
Department	Faculty of Pharmaceutical Sciences			
Experience	25 Years			
Email ID	p_bigoniya2@hotmail.com			
Contact No	09827011258			
Educational Qualifications				
Description	Year	%	Institute/University	
(UG)- (B. Pharmacy)	1991-1995	68..80	Dr. H.S. Gour University, Sagar (MP)	
(PG)- M. Pharmacy (Pharmacology)	1996-1998	78.85	Jadavpur University, Calcutta, West Bengal.	
M. Phil.	NA	-	-	
(Ph. D.)- (Pharmaceutical Sciences)	2003-2006	Awarded	Dr. H.S. Gour University, Sagar (MP)	
Post Doctorate	-	-	-	
NET Qualified/GATE	Gate 1995	Qualified		
Experience Detail				
Experience (Teaching/Research)	Designation	Duration		Name of Institute/University
		From	To	
Teaching	Assistant Professor	02/03/1998	05/04/2003	Dept. of Pharmacy, Barkatullaha University, Bhopal, M.P.)

Research National Doctoral Fellow	Research (National Doctoral Fellow, AICTE)	19/05/2003	21/04/2006	Dept. of Pharm.Sciences, Dr. H.S. Gour University, Sagar, M.P.)
Teaching	Associate Professor	25/04/2006	14/09/2007	Globus College of Pharmacy, Bhopal, M.P)
Teaching/Research	Associate Professor	15/09/2007	19/08/2017	Radharaman College of Pharmacy, Bhopal, M.P
Teaching/Research	Professor and Principal	21/08/2017	20-09-2023	Dr. Satyendra Kumar Memorial College of Pharmacy, Bhopal, M.P
Teaching/Research	Professor	23-10-2023	Till date	Faculty of Pharmaceutical Sciences Veda College of B.Pharmacy Bhopal M. P.

Publications

No. of Papers Published (Attach Annexure of papers published in peer-reviewed or refereed journals)	99
No. of Books Published	01
Books Chapters Published (Provide print of 1st Page of Book)	10
No. of Patents Published/Grant	02

Ph. D/M. Phil Project supervised

Research Program	Award	Under Supervision	Name of University
Ph. D (Provide detail i.e. name, title etc)	02	05	RKDF University Bhopal
M. Phil	NA	NA	NA
PG Thesis/Dissertation	24	02	RKDF University Bhopal

		RGPV University Bhopal
Area of Expertise (100 words)		
<p>In-vivo, Ex-vivo, In-vitro experimental pharmacological screening of drugs, Development of bioactive compound through computer aided drug design, Bioavailability and bioequivalence study of drugs, Handling in specialized software like Hyperchem, Chemdraw, Chems sketch, Graphpad, MetLab for evaluation of biomedical data.</p>		
Award and Achievement		
Name of Award	Description (With certified of Copy award)	
National	<p>1. First Prize for Project Presentation on ‘Chemoprotective potential of picroliv on doxorubicin induced toxicity: Cytogenetic and organ specific study’ in SAVISHKAR: An innovative and Futuristic Approaches in Science & Technology iFAST-2015. Held in Maulana Azad National Institute of Technology (MANIT), Bhopal, M.P., India; 26-28th Feb, 2015</p> <p>2. International Agency for Standard and Rating honors Dr. Papiya Bigoniya with Hugo de Vries Research Award 2015 for scientific contribution in the field of Traditional Medicine research. IASR has also included Dr. Bigoniya among world’s 500 most influential Pharmacologist for the year 2015.</p> <p>3. APTI Appreciation Award for contribution in the field of teaching and research given in APTICON 2015: Strategies Approaches to Strengthen Academic and Industrial Collaboration, 9-11th Oct, 2015, Devi Ahilya University, Indore, M.P., India.</p>	
International	Nil	
Conference/Seminar/Workshops/FDP		
Description	No.	
Conference/Seminar p a p e r presentation	32	

Conference/Seminar attended/ organized	51	
Work shop attended/ organized	38	
FDP Attended/ organized	Attended 02	
Research Project		
Name of Project	Funding Agencies	Amount
Research Promotion scheme	AICTE, New Delhi, (Sanction No. 8023/RID/RPS-55/2010- 11).	
DRDE, Gwalior, Project Task	DRDE, Gwalior, Project Task (No.: DRDE-P1- 2010/Task-162).	
Bio project	MPCST, Bhopal, sponsored (File No.: A/ R&D // BS- 02/26).	

- **Any other Achievement**

List of Publications

1. P Bhatt*, P Bigoniya. 2024. Cold Emulsified Nanoemulsion: Enhancing Delivery and Stability of Thermolabile Acyclovir. **Int J Drug Delivery Technology**. 14(1), 174-178. DOI: [10.25258/ijddt.14.1.25](https://doi.org/10.25258/ijddt.14.1.25)
2. Ankita Awasthi, Papiya Bigoniya*, Bhaskar Gupta. 2024. Physicochemical Properties and in Vitro Anti-Obesity Potential of *Anethum Graveolens* (Dill) Seed Cake. **Int J Pharm Res Allied Sci**. 13(2) 48-57. DOI: [/10.51847/JGGw7PTBwJ](https://doi.org/10.51847/JGGw7PTBwJ)
3. P Bhatt*, P Bigoniya. 2024. Nanoemulsion Formulation of Acyclovir: Assessing Dermal Safety Through Irritation and Sensitization Tests. **African J Biol Sci** 6(9) (2024). 829-838. DOI: [10.33472/AFJBS.6.9.2024.829-838](https://doi.org/10.33472/AFJBS.6.9.2024.829-838)
4. Vijeta Rajoriya, Papiya Bigoniya*. Ameliorative effect of α -tocopherol and curcumin against the deleterious effects of hydrogenated (thermally oxidized) rice bran oil in rats. **Int J Res Pharm Sci**. 2024;15(3):100-116. DOI: [10.26452/ijrps.v15i3.4699](https://doi.org/10.26452/ijrps.v15i3.4699).
5. Vijeta Rajoriya, Papiya Bigoniya*. Repetitive Heating Induced Thermal Oxidation of Corn Oil: Impact on Physicochemical Properties, α -Tocopherol, and β -Carotene Depletion. **Int J Pharm Sci Drug Res**. 2024;16(5):764-770. DOI: [10.25004/IJPSDR.2024.160503](https://doi.org/10.25004/IJPSDR.2024.160503)
6. Khaire M, Bigoniya P*. Development and Characterization of Gingerol-Assisted Silver Nanoparticle and Chitosan Alginate Membrane for Antibacterial and Wound Healing Activity. **Int J Drug Delivery Technol**. 2024;14(3):1456-1468. DOI: [10.25258/ijddt.14.3.29](https://doi.org/10.25258/ijddt.14.3.29)
7. Khaire M, Bigoniya P*. Antibacterial and Healing Efficacy of Mangiferin-Loaded Silver Nanoparticle and Chitosan-Alginate Membrane Dressings. **Int J Pharm Quality Assurance**. 2024;15(3): 1948-1961. DOI: [10.25258/ijpqa.15.3.127](https://doi.org/10.25258/ijpqa.15.3.127)
8. Chandra Shekar Singh, Papiya Bigoniya. 2022 Cichotyboside, A sesquiterpene glycoside from *Cichorium intybus* attenuates carbon tetrachloride-induced liver injury in rat. **Advances in Pharmacology and Pharmacy** 10(1) 18-34. DOI: [10.13189/app.2022.100103](https://doi.org/10.13189/app.2022.100103)
9. Papiya Bigoniya, Shreya Khatri. 2022. Pharmacodynamic and pharmacokinetic evaluation of soy lecithin based tablet of boswellic acid. **SSR Inst. Int. J. Life Sci**. 8(2) 2969-2980. DOI: [10.21276/SSR-IIJLS.2022.8.2.1](https://doi.org/10.21276/SSR-IIJLS.2022.8.2.1).
10. Ankita Awasthi, Bhaskar Kumar Gupta, Papiya Bigoniya. 2022. Effect of dill seed cake on dyslipidemia and hormonal imbalance against high fructose-diet induced obesity in rat. **Int. J. Pharm. Investigation** 12(1): 39-45. DOI: [10.5530/ijpi.2022.1.7](https://doi.org/10.5530/ijpi.2022.1.7)
11. Atul K. Sohgaura, Papiya Bigoniya*, B. Shrivastava. 2021. Antilithiatic effect of *C. dactylon*, *E. officinalis*, *K. pinnata* and *B. nutans* ethyl acetate fraction on glyoxylate induced

nephrolithiasis. *Future Journal of Pharmaceutical Sciences* 7(79) Online.
<https://doi.org/10.1186/s43094-021-00227-1>

12. Indu Thakur, Papiya Bigoniya, P. Uma Devi. 2021. Effects of *Ocimum sanctum* Gestational Administration on Physiological and Behavioral Aspects of Mice Offspring. **Journal of Pharmaceutical Research International** 33(43B) 256-67. DOI: [10.9734/jpri/2021/v33i43B32551](https://doi.org/10.9734/jpri/2021/v33i43B32551)
13. Atul K. Sohgaura, Papiya Bigoniya*, B. Shrivastava. 2020. Assessment of potential antilithiatic activity of *Cynodon dactylon*, *Embllica officinalis*, *Kalanchoe pinnata* and *Bambusa nutans* on dietary glycolic acid induced nephrolithiasis. **Journal of Pharmacology and Clinical Toxicology** 8(1) 1139-45. DOI: [10.47739/2378-931X/1139](https://doi.org/10.47739/2378-931X/1139)
14. Papiya Bigoniya, Ankita Warathe, Chandra Shekar Singh. 2019. Protective action of picroliv isolated from *Picrorrhiza kurroa* against radiation clastogenecity on mice and cyclophosphamide induced cytotoxicity in *Allium cepa* root. **J Radit Can Res.** 10(1): 58-65. DOI: [10.4103/jrcr.jrcr_23_18](https://doi.org/10.4103/jrcr.jrcr_23_18)
15. Alok Kumar Shukla, Papiya Bigoniya*, Mridula Sachan. 2019. Comparative Antidiabetic Potential Assessment of Herbal Formulation of Gymnemic Acid and Curcumin. **International Journal of Pharmaceutical Sciences and Drug Research** 11(3) 98-104. DOI: [10.25004/IJPSDR.2019.110305](https://doi.org/10.25004/IJPSDR.2019.110305).
16. Sohgaura AK, Bigoniya P*, Shrivastava B. 2019. Ameliorative effect of *Kalanchoe pinnata*, *Embllica officinalis*, *Bambusa nutans* and *Cynodon dactylon* on ethylene glycol and ammonium chloride induced nephrolithiasis. **Pharmacologyonline** 1: 408-428.
17. Papiya Bigoniya and Smita Mishra. 2018. Pharmacokinetic Interaction of Salbutamol Co-administered with Vasicine Isolated from *Adhathoda vasica* on Rabbit. **Pharmaceutical Sciences** 24(2): 83-88. DOI: 10.15171/PS.2018.13. DOI: [10.15171/PS.2018.13](https://doi.org/10.15171/PS.2018.13)
18. Atul K. Sohgaura, Papiya Bigoniya, B. Shrivastava. 2018. In-vitro antilithiatic potential of *kalanchoe pinnata*, *Embllica officinalis*, *Bambusa nutan* and *Cynodon dactylon*. **J Pharmacy & Bioallied Sciences** 10(2) 83-89. DOI: [10.4103/JPBS.JPBS_18_18](https://doi.org/10.4103/JPBS.JPBS_18_18)
19. Atul Sohgaura, Papiya Bigoniya, Birendra Shrivastava. 2018. Diuretic potential of *Cynodon dactylon*, *Embllica officinalis*, *Kalanchoe pinnata* and *Bambusa nutans*. **Journal of Pharmacognosy and Phytochemistry** 7(3): 2895-2900.
20. Shampa Pal, Alok Shukla and Papiya Bigoniya. 2018. Neuropathic potential of cabazitaxel comparative to paclitaxel and ameliorative effect of capsaicin. **Research & Reviews: A J of Pharmacognosy** 5(2): 25-38. DOI: [https://DOI.org/10.12300/rjoppc.v5i2.138](https://doi.org/10.12300/rjoppc.v5i2.138)

21. P. Bigoniya, A. Shukla and Wasi-ur Rahman.2018. Protective effect of curcumin and picroliv on chronic alcoholic liver cirrhosis of rat induced with low caloric diet. **IOSR Journal of Pharmacy** 8(11): 36-48.
22. Reetesh Malvi, Papiya Bigoniya. 2017. Efficacy of nateglinide and pioglitazone combination therapy compared with monotherapy on diabetic nephropathy. **Int J Res Ayurveda Pharm.** 8(5) 69-75. DOI: [10.7897/2277-4343.085247](https://doi.org/10.7897/2277-4343.085247)
23. Papiya Bigoniya, Alok Shukla. 2017. Efficacy of *Euphorbia thymifolia* Linn phytosterol on rotenone induced parkinson's disease: behavioural and neurochemical study. **Indian Journal of Applied Research** 7(12) 135-140.
24. Papiya Bigoniya and Smita Mishra. 2016. Simultaneous HPLC Method Development and Validation for Estimation of Salbutamol in Combination with Vasicine. **European J Pharm Med Res.** 3(11), 323-333.
25. Shilpi Singh, Papiya Bigoniya, Birendra Shrivastava, Jaya Sharma. 2016. Hypoglycemic profile of gymnemic acid and glycyrrhizic acid on high fructose diet related obesity induced diabetes. **Int J Medicine & Pharm Sci.** 6(3), 61-84.
26. S. Singh, P. Bigoniya* and B. Shrivastava. 2015. Comparative hypoglycemic activity of glycyrrhizic acid and gymnemic acid on non-insulin dependent diabetic model. **Int J Pharm and Bio Sciences** 6(1) 365-79.
27. Papiya Bigoniya *, Alok Kumar Shukla. 2015. Nootropic efficacy of *Euphorbia thymifolia* Linn phytosterol on mice. **International Journal of Phytotherapy** 5(1), 22-32.
- Papiya Bigoniya, Taranginee Sahu, Vikalp Tiwari. 2015. Hematological and biochemical effects of Sub-chronic artesunate exposure in rats. **Toxicology Reports** 2, 280-288. DOI: [10.1016/j.toxrep.2015.01.007](https://doi.org/10.1016/j.toxrep.2015.01.007)
28. P. Bigoniya, Faraz Siddique. 2015. Anti-inflammatory and anti-arthritic effect of triterpene fraction isolated from *Euphorbia neriiifolia* L. leaf. **J Ethnobiol Traditional Med** 124 (2015), 1007-1017.
29. Jaya Agnihotri, Shubhini Saraf, Sobhna Singh, Papiya Bigoniya. 2015. Development and evaluation of anti-malarial bio-conjugates: artesunate loaded nano-erythroosomes. **Drug Delivery and Translational Research** 5(5): 489-497. <https://doi.org/10.1007/s13346-015-0246-y>
30. A.K. Shukla, P. Bigoniya, P. Soni. 2015. Hypolipidemic activity of *Lepidium sativum* Linn. seed in rats. **Journal Pharmacy and Biol Sci,** 10(4), 13-22. DOI: [10.6084/m9.figshare.1518514](https://doi.org/10.6084/m9.figshare.1518514)

31. Indu Thakur, P. Uma Devi, Papiya Bigoniya. 2015. Radiation dose response and dose modification factor of *Phyllanthus niruri* on mice: Standardization of radioprotector effect. **World J Pharm. Res.** 4(9), 1352-1367.
32. Bigoniya Papiya, Bais Sourabh, Shukla Alok, Singh Chandra Shekhar. 2014. Pharmacognostic and Physico-chemical Standardization of *Macrotyloma uniflorum* (Lam.) Verdc. Edible Seed. **Pharmacognosy Communication** 4(1), 16-24. DOI: 10.5530/pc.2014.1.4
33. A. K. Shukla, P. Bigoniya. 2014. Lack of hypoglycemic activity in total flavonoid fraction of *Wrightia tinctoria* on alloxan induced hyperglycemia. **Journal of Pharmaceutical Negative results** 5(1), 34-38. DOI: 10.4103/0976-9234.136793
34. Papiya Bigoniya, Kailash Singh. 2014. Ulcer protective potential of standardized hesperidin, a citrus bioflavonoid isolated from *Citrus sinensis*. **Brazilian J Pharmacognosy** 24, 330-340. DOI: 10.1016/j.bjp.2014.07.011
35. I. Thakur and P. Bigoniya. 2014. Radioprotective and free radicals scavenging activity of Phyllanthin: Isolated from *Phyllanthus niruri*. **Int. Journal of Pharm Biol Sci** 4(3) 01-10.
36. P. Bigoniya and C. S. Singh. 2014. Hepatoprotective Activity of a Standardized Polyherbal Liver Formulation. **International Journal of Pharmaceutical Sciences and Research** 5(10) 4209-18. DOI: 10.13040/IJPSR.0975-8232.5(10).4209-18
37. P. Bigoniya, S. Bais, B. Shirohi. 2014. The effect of *Macrotyloma uniflorum* seed on bile lithogenicity against diet induced cholelithiasis on mice. **Ancient Science of Life** 33(4) 242-51. DOI: 10.4103/0257-7941.147433
38. Jaya Agnihotri, Dr. Sobhna Singh, Dr. Papiya Bigoniya. 2013. Formal chemical stability analysis and solubility analysis of artesunate and hydroxychloroquine for development of parenteral dosage form. **Journal of Pharmacy Research** 6, 117-122. DOI: 10.1016/j.jopr.2012.11.02
39. A Shukla, P Bigoniya. 2013. Hepatoprotective Effect of *Lepidium Sativum* Linn (Cruciferae) Total Alkaloid Fraction against CCl₄ Induced Hepatotoxicity on Rats. **Research Journal of Pharmacognosy and Phytochemistry** 5(2), 94-99. DOI: 10.5958/0975-4385
40. Arti Patel, Papiya Bigoniya, Chandra Shekhar Singh, Narayan Singh Patel. 2013. Radioprotective and cytoprotective activity of *Tinospora cordifolia* stem enriched extract containing cordifolioside-A. **Indian Journal of Pharmacology** 45(3) 237-243. DOI: 10.4103/0253-7613.111919

41. P. Bigoniya, A. Singh, S. Singh. 2013. Analgesic, Anti-inflammatory and Anti-arthritis Activity of *Euphorbia Thymifolia* Linn Phytosterol Fraction. **Journal of Pharmacy Research** 1(2), 130-34.
42. Papiya Bigoniya, Anil Kumar Singh, Dharmesh Bigoniya and N Gopalan. 2013. Pyridostigmine bromide and potassium iodate tablet: Subacute oral toxicity and stability. **Journal of Drug Metabolism and Toxicology** 4(2) Open access at: <http://dx.DOI.org/10.4172/2157-7609.1000145> (p 1-11). DOI: 10.4172/2157-7609.1000145.
43. P. Bigoniya, C. S. Singh, B. Srivastava. 2013. Pharmacognostical, physico-chemical and phytochemical standardization of *Cichorium intybus* L. seed. **Research Journal of Pharmacognosy and Phytochemistry** 5(3) 133-138. DOI: **10.5958/0975-4385**
44. Jaya Agnihotri, Shrikant Boharupi, Subhini Saraf, Shobhna Singh, Papiya Bigoniya. 2013. Simultaneous Estimation of Antimalarial Drugs Artesunate and Hydroxychloroquine by Validated HPLC Method in Combined Pharmaceutical Formulation. **Indo American Journal of Pharmaceutical Research** (Open access at: <http://www.iajpr.com/index.php/en/>) 5375-85. DOI: 10.1044/1980-iajpr.00360
45. P. Y. Mali, P. Bigoniya, S. J. Panchal, A. Pandey, I. S. Muchhandi. 2013. Anti-obesity activity of chloroform-methanol extract of *Premna integrifolia* in mice fed with cafeteria diet. **Journal of Pharmacy and Bioallied Sciences** 5(3) 229-36. DOI: 10.4103/0975-7406.116825
46. Sarika Shrivastava, Garima Dongre, Vandana Tiwari, Papiya Bigoniya. 2013. Development and evaluation of polyherbal formulation for hair growth activity. **International Journal of Advances in Pharmaceutical Research** 4(8) 2148-52.
47. Papiya Bigoniya, Sourabh Agrawal, Neelesh K. Verma. 2013. Potential wound healing activity of *Euphorbia hirta* Linn total flavonoid fraction. **Int. J. Pharm. Sci. Rev. Res.**, 22(2), 149-156.
48. Papiya Bigoniya, Sharda Singh, Chandra Shekar Singh, Alok Shukla. 2013. Anti-anemic Potential Estimation on Mice and Characterization of Flavonoids Using HPTLC in *W. tinctoria* bark Fraction. **Journal of Natural Pharmaceuticals** 4(1), 47-56. DOI: 10.4103/2229-5119.110351
49. P. Bigoniya, C. S. Singh and B. Shrivastava. 2013. *In vivo and in vitro* hepatoprotective potential of kaempferol, a flavone glycoside from *Capparis spinosa*. **Int J Pharm Biol Sci** 3(4), 139-152.

50. Bigoniya P., Brijesh Serohi., Shukla A., 2013. CNS depressant profile of *Euphorbia thymifolia* Linn phytosterol in mice. **Int Journal of Indigenous Medicinal Plants** 46(4) 1452-57.
51. P. Bigoniya, C. S. Singh. 2013. Hepatoprotective activity of luteolin isolated from *A. millefolium* on CCl₄ intoxicated rat. **Int Journal of Indigenous Medicinal Plants** 46(4) 1477-86.
52. Ashish K. Das, Papiya Bigoniya, Neelesh K, Verma, A.C. Rana. 2012. Gastroprotective effect of *Achyranthes aspera* Linn. Leaf on rats. **Asian Pacific Journal of Tropical Medicine** 5(3), 197-201. DOI: 10.1016/S1995-7645(12)60024-8.
53. Papiya Bigoniya, Ravi Nishad, Chandra Shekhar Singh. 2012. Preventive effect of sesame seed cake on hyperglycemia and obesity against high fructose-diet induced Type 2 diabetes in rats. **Food Chemistry** 133(4), 1355-1361. DOI: DOI:10.1016/j.foodchem.2012.01.112
54. P. Bigoniya, C.S. Singh, A. Shukla. 2012. Pharmacognostical and physico-chemical standardization of ethno pharmacologically important seeds of *Syzygium cumini* and *Azadirachta indica*. **Asian Pacific Journal of Tropical Biomedicine** 2012, S290-S295. DOI: 10.1016/S2221-1691(12)60176-2
55. A. Shukla, B.N. Srivastava, P. Bigoniya. 2012. Hypoglycemic Activity of *Lepidium sativum* Linn Seed Total Alkaloid on Alloxan Induced Diabetic Rats. **Research Journal of Medicinal Plants** 6(8), 587-596. DOI: 10.3923/rjmp.2012.587.596.
56. S. Tiwari, B. Sirohi, A. Shukla and P. Bigoniya. 2012. Phytochemical screening and diuretic activity of *Allium sativum* steroidal and triterpenoid saponin fraction. **The International Journal of Pharmaceutical Sciences and Research** 3(9), 3354-61. DOI: 10.13040/IJPSR.0975-8232.3(9).3354-61
57. Jerald S. E., Pandey A., Bigoniya P., Singh S. 2012. Antifertility activity of *Momordica charantia* Descourt pulp and seed hydroalcoholic extract. **Journal of Applied Pharmacy** 4(4), 682-696.
58. Papiya Bigoniya, Alok Shukla, Huma Iram, Farah Iram. 2012. Study on Prevalence of Respiratory Disease in Urban Population of Bhopal City. **Asian Journal of Pharmaceutical Research and Health Care** 4(2), 52-62. DOI: 10.18311/ajprhc%2F2012%2F547
59. S. Lanjhiyana, D. Garabadu, D. Ahirwar, P. Bigoniya, A.C. Rana, K.C. Patra, S.K. Lanjhiyana, M. Karuppaih. 2011. Antidiabetic activity of Methanolic extract of root bark of *Aegel marmelos* in Alloxan-induced animal model. **Der Pharmacia Sinica** 2(1), 57-72.
60. S. Lanjhiyana, D. Garabadu, D. Ahirwar, P. Bigoniya, A.C. Rana, K.C. Patra, S.K. Lanjhiyana, M. Karuppaih. 2011. Antidiabetic activity of Methanolic extract of stem bark of

Elaeodendron glaucum Pers. in Alloxanized rat model. **Advances in Applied Science Research**. 2(1), 47-62.

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62. S. Lanjhiyana, D. Garabadu, D. Ahirwar, P. Bigoniya, A.C. Rana, K.C. Patra, S.K. Lanjhiyana, M. Karuppaih. 2011. Hypoglycemic activity studies on aerial leaves of *Pongamia pinnata* (L.) in Alloxan-induced diabetic rats. **Der Pharmacia lettre** 3(1), 55-70.
63. Shukla A., Singh, C.S., Bigoniya P., 2011. Phytochemical and CNS activity of *Lepidium sativum* Linn. seed total alkaloid. **Der Pharmacia lettre** 3(2), 226-237.
64. S. Lanjhiyana, D. Garabadu, D. Ahirwar, P. Bigoniya, A.C. Rana, K.C. Patra, S.K. Lanjhiyana, K. Murugan., 2011. Hypoglycemic activity studies on root extracts of *Murraya koenigii* root in Alloxan-induced diabetic rats. **Journal of Natural Product and Plant Resources** 1(2), 91-104.
65. Bigoniya P., Shukla A., Singh, C.S., Gotia, P., 2011. Comparative anti-ulcerogenic study of pantoprazole formulation with and without sodium bicarbonate buffer on pyloric ligated rat. **Journal of Pharmacology and Pharmacotherapeutics** 2(3), 179-84. DOI:[10.4103/0976-500X.83283](https://doi.org/10.4103/0976-500X.83283)
66. Anil Nagar, Alok Shukla, Papiya Bigoniya., 2011. The anti-inflammatory potential of *Spinacia oleracea* leaf extract. **Journal of Natural Pharmaceuticals** 2(2), 80-87. DOI: 10.4103/2229-5119.83961
67. Pandey, A., Bigoniya P., Raj, V., Patel K.K., 2011. Pharmacological screening of *Corriendrum sativum* Linn. for hepatoprotective activity. **Journal of Pharmacy and BioAllied Sciences**. 3(3), 435-441. DOI: [10.4103/0975-7406.84462](https://doi.org/10.4103/0975-7406.84462)
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69. Thakur, I., Uma Devi, P., Bigoniya, P., 2011. Protection against Radiation Clastogenicity in Mouse Bone Marrow by *Phyllanthus niruri*. **Indian Journal of Experimental Biology** 49, 704-710.
70. Bigoniya P., Singh, C.S., Shukla A., 2011. Pharmacognostical and physico-chemical standardization of ethnopharmacologically important seeds *L. sativum* and *W. tinctoria* in Indian system of medicine. **Indian Journal of Natural Products and Resources** 2(4), 464-471.

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72. Souravh Bais, Kailash Singh, Papiya Bigoniya and Avtar Chand Rana. 2011. The In Vitro antioxidant and free radical scavenging Activities of Suran (*Amorphophallus campanulatus* (Araceae)) tubers extracts. **International Journal of Pharmacy and Life Sciences** 2(12), 1315-1324.
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Annexure-II

CONTRIBUTION IN BOOK SERIES

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CONFERENCE CHAIRED/CONDUCTED

1. **LOC Member. National Seminar on Pharma Vision 2020** held on 4th Apr, 2010; organized by VEER Society of Pharmacy, Bhopal, M.P., India.
2. **Convener. MPCST sponsored National seminar on Herbal anti-cancer drug development: In-vivo and in-vitro study protocol** held on 28th Apr, 2014; organized by Radharaman College of Pharmacy, Bhopal, M.P., India.
3. **Chairperson Pharmacy Session. Oral Presentation; Second International Conference on Inter-disciplinary Research in Engineering Management, Pharmacy and Science**, held on 19-22nd Feb, 2015; organized by Sagar Society of Interdisciplinary Research and Technology, Sagar Institutes of Pharmaceutical Sciences, Bhopal, M.P., India on 20st Feb 2015.
4. **Member Scientific Committee. APTICON 2015: Strategies Approaches to Strengthen Academic and Industrial Collaboration**, 9-11th Oct, 2015, Devi Ahilya University, Indore, M.P., India.
5. **Chairperson of Scientific Session. A National Seminar on Modern Trends in Pharmaceutical Education and Research**, 28th oct, 2017, Sri Satya Sai University of Technology and Medical Sciences, Sehore, M.P.
6. **Member of Inauguration Committee. 69th Indian Pharmaceutical Congress**, 22-24th Dec, 2017, Chitkara University, Chandigarh.
7. **Modulator Women's Forum session. 69th Indian Pharmaceutical Congress**, 22-24th Dec, 2017, Chitkara University, Chandigarh, Rajpura, Punjab.
8. **Chairperson Scientific Session. National Seminar on Modern Trends in Pharmaceutical Education and Research**, held on 28th Oct, 2017; organized by Sri Satya Sai University of technology and Medical Sciences, Sehore, M.P., India.
9. **Organizing Committee Member** and Placement coordinator, MP-PRIDE 2018, 16-17th Feb, 2018, RGPV, Bhopal.
10. **Co-convener, State convention, Society of Pharmacognosy & National seminar APTI state branch.** Organized by Faculty of Pharmacy RKDF University, Gandhi Nagar, Bhopal. 25-26th Nov, 2018.

11. Organized zonal level of **All India Pharmacy Quiz competition** sponsored by College of Pharmacy, Madras Medical College, Chennai on 24th Jan 2019.
12. **Co-Chairperson** of Oral Session. **A DBT sponsored National Seminar and workshop**, 13-14th Sept, 2019, Truba Institute of Pharmacy, Bhopal, M.P.
13. **Organizing Committee Member**, MP-PRIDE 2019, 15-16th Oct, 2019, RGPV, Bhopal.
14. **Organizing Joint Secretary**, in **AICTE sponsored STTP** Organized by Vedula College of B. Pharmacy, RKDF University, Gandhi Nagar, Bhopal. 3rd - 9th Mar, 2020.
15. **Moderator**, in **Transdermal Drug delivery: In India Vs rest of the world** Organized by Faculty of Pharmacy, RKDF University, Gandhi Nagar, Bhopal. 9th June, 2020.
16. **Zonal Member- Central Zone** in Dissolution Research Presentations India 2022 organized by AAPS and APTI, 10 – 16th July, 2022.

ABSTRACTS PRESENTED IN CONFERENCES

1. “Evaluation of the antiulcer activity of hydro-alcoholic extract of *Wrightia tinctoria* bark in experimentally induced acute gastric ulcers on rat”. **56th Indian Pharmaceutical Congress** held in Kolkata, India in Dec, 2004.
2. “Anti-inflammatory and analgesic activity of *Wrightia tinctoria* bark hydro-alcoholic extract” **National Conference on “Recent trends of research in pharmaceutical sciences”** held in Shrinathji Institute of Pharmacy, Nathdwara, Rajasthan, India, in Jan 2008.
3. “Euphol, a triterpene alcohol from the leaves of *Euphorbia nerifolia*”. **National Seminar on “Advances in drug discovery and development”** held in SLT Institute of Pharmaceutical Sciences, Guru Ghasidas university, Bilaspur, C.G, India, in Jan 2008.
4. “Synthesis and anti-microbial studies of some novel 1, 3, 5- tri-substituted 2-pyrazolines”. **National Seminar on “Advances in drug discovery and development”** held in SLT Institute of Pharmaceutical Sciences, Guru Ghasidas university, Bilaspur, C.G, India, in Jan 2008.
5. “The Department of Pharmaceuticals.” **“Current Trends and Challenges in Pharmaceutical Sciences”**, held in Swami Vivekanand College of Pharmacy, Indore, M.P., India, March 2009.
6. “Super critical fluid extraction: a new technology for herbal drug industry.” **“Current Trends and Challenges in Pharmaceutical Sciences”**, held in Swami Vivekanand College of Pharmacy, Indore, M.P., India, March 2009.
7. “Herbal pharmacovigilance.” held in Laxmi Narayan College of Pharmacy, Bhopal, M.P., India in april 2009

8. "WHO guidelines on safety monitoring of herbal medicines." held in Laxmi Narayan College of Pharmacy, Bhopal, M.P., India in april 2009
9. "Nanomedicine: a boon to human being" **National conference on Cellular and Molecular Medicine**, School of Biotechnology, RGPV, Bhopal, India in 4th to 6th Feb 2010.
10. "Recent advances of biotechnology in herbal medicines" **National Conference on Cellular and Molecular Medicine**, School of Biotechnology, RGPV, Bhopal, India in 4th to 6th Feb 2010.
11. "Pharmacogenomics in drug development" **National Seminar on Pharma Vision**, Veer Society of Pharmacy, Regional Science Centre, Bhopal, India in 4th Apr 2010.
12. "Microdosing (phase 0) approach in development of oncologic drug molecule" **National Seminar on Pharma Vision**, Veer Society of Pharmacy, Regional Science Centre, Bhopal, India in 4th Apr 2010.
13. "Applications of computer software's in Pharmacy" **National Seminar on Pharma Vision**, Veer Society of Pharmacy, Regional Science Centre, Bhopal, India in 4th Apr 2010.
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15. "The Recent Therapeutic Implications of Efflux P-glycoprotein and its Inhibitors for Multidrug Resistance Therapy" Abstract; Recent Development in **Novel Drug Delivery System**, Swami Vivekanand College of Pharmacy, Indore, India in 22nd May 2010.
16. "Unseen Concerns of Clinical Trial Outsourcing in India" **National Conference on Drug Discovery, Development & Clinical Trials: Current status and the way forward**, Shoolini University, Solan, H.P., India in 26-27th June 2010.
17. "Impact of phase zero clinical trial in drug development" **12th National Conference of Society of Science and Environment**, 9th – 10th Oct, Department of Zoology, Faculty of Science, The Maharaja Sayajirao university of Baroda, Varodara, Gujarat on 10th Oct 2010.
18. "Phytochemical and pharmacological screening of *Lepidium sativum* seeds" **15th Annual National Convention of Association of Pharmaceutical Teachers of India (APTI)**, 1st – 2nd Nov, Shilpakala Vedika, Near Hi-Tech City, Hyderabad, India, on 2nd Nov 2010.
19. "Pharmacotherapy of Swine Flu: A clinical review" **15th Annual National Convention of Association of Pharmaceutical Teachers of India (APTI)**, 1st – 2nd Nov, Shilpakala Vedika, Near Hi-Tech City, Hyderabad, India, on 2nd Nov 2010.
20. "Impact of telemedicine on quality drug supply chain in healthcare system" **62nd Indian Pharmaceutical Congress**, 17-19th Dec, Manipal College of Pharmaceutical sciences, Manipal, Karnataka, India, on 18th Dec 2010.

21. "A glimpse of software resources used in pharmaceutical sciences" **62nd Indian Pharmaceutical Congress**, 17-19th Dec, Manipal College of Pharmaceutical sciences, Manipal, Karnataka, India, on 18th Dec 2010.
22. "Frontiers in research techniques" A **DST sponsored seminar on 'Impact of Pharmaceutical Education on Employment: National and International Perspectives'**, 22nd Dec 2010 Mandsaur Institute of Pharmacy, Mandsaur, M.P., India.
23. "Standardization policies for herbal drugs" A **DST sponsored seminar on 'Impact of Pharmaceutical Education on Employment: National and International Perspectives'**, 22nd Dec 2010 Mandsaur Institute of Pharmacy, Mandsaur, M.P., India.
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25. "Control of quality variation in pharmaceutical manufacturing environment by Quality By Design (QBD) implementation" **Indo American Pharmaceutical Regulatory Symposium** 11-13th Nov 2011. Organized by Nirma University, Ahmedabad, India and Northeastern University, Boston, USA.
26. "Pharmacognostical and physicochemical standardization of ethnopharmacologically important seed of *Psoralea corylifolia* Linn" **16th Annual National Convention of Association of Pharmaceutical Teachers of India (APTI)**, 7th – 9th Oct, 2011. ISF College of Pharmacy, Moga, Punjab, India.
27. "Antihyperlipidemic activity of *Lepidium sativum* seed on high fat diet fed rats" **16th Annual National Convention of Association of Pharmaceutical Teachers of India (APTI)**, 7th – 9th Oct, 2011. ISF College of Pharmacy, Moga, Punjab, India.
28. Antifertility activity of *Momordica charantia* Descourt pulp and seed hydroalcoholic extract. **63rd Indian Pharmaceutical Congress (IPC)**, 16th-18th Dec 2011. Organized by Indian Pharmaceutical Congress Association, Bengaluru, Karnataka, India.
29. Anti obesity activity of Chloroform-methanol extract of *Premna integrifolia* in mice fed with cafeteria diet. International Conference on "**Recent Advantages in Pharmaceutical Science: Transferring Knowledge from Education to Practice**", 25-26th Feb 2012. Organized by PHARMANEXT and Kathmandu University, C V Raman Auditorium, Kathmandu, Nepal.
30. Wound Healing Activity of *Euphorbia hirta* Linn. National seminar on "**Recent Trends on Drug Discovery and Research**", 30th Sept 2012. Organized by Rajiv Gandhi Institute of Pharmacy, Satna, M.P.

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36. In vivo and In vitro hepatoprotective potential of Kaempferol, A flavones glycoside from *Capparis spinosa*. **ICMR and MPCST Sponsored National Seminar on Herbal Drugs Scene-Prospects and Challenges**, 9th & 10th Oct 2013, Bhagyodaya Trith Pharmacy College, Sagar, M.P., India.
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38. Perspective of total quality management in pharmaceutical industries. **International Conference on Pharmaceutical Sciences (ICPS-2014)**, 14-15th Feb 2014, Shri Guru Ram Rai Institute of Technology and Science, Dehradun, Uttarakhand, India.
39. Herbal Plants in Animal Ailments. **ICMR and CPCSEA sponsored National Conference on Alternatives to Animal Experimentation in Drug Discovery**, 17th Feb 2014, Sir Madanlal Institute of Pharmacy, Etawah, UP, India.
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46. In vivo diuretic and in-vitro antilithiatic potential of *Kalanchoe pinnata*, *Emblica officinalis*, *Bambusa nutan* and *Cynodon dactylon*. **70th Indian Pharmaceutical Congress**, 21-23rd Dec, 2018, Amity University, Noida, New Delhi.
47. Antilithiatic potential of *Kalanchoe pinnata* and *Emblica officinalis* against ethylene glycol and ammonium chloride induced nephrolithiasis on rat. **6th International Congress of Society for Ethnopharmacology**. Organized by Manipal College of Pharmaceutical Sciences. Manipal, India. 8-10th Feb, 2019.
48. Fish protein hydrolysate exhibits antiobesity activity and reduces thyroid and hormonal imbalance in rats. **National conference on recent advancement in pharmaceutical sciences**. Organized by Devsthali Vidyapeeth College of Pharmacy, Dehradun, 18-22nd Jan, 2021.
49. Plant derived phytochemicals for Wound healing. **International e-Conference** Organized by Sir Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik, India. 27-29th Sept, 2021.

Oral Presentation

1. "Evaluation of the antioxidant and anticancer activity of *Euphorbia neriifolia* leaf alcoholic extract". **20th MP Young Scientist Congress** held in Vikram University, Ujjain, India on 27-28th Feb, 2005.

2. "The Current scenario of Indian pharmaceutical industry with future perspective". **"National Pharmacy Week Nov' 08"** held in Radharaman College of Pharmacy, Fatehpur Dobra, Ratibad, M.P., India, on Nov 3rd week 2008.
3. "Sale Promotion in retail Pharmacy". **Annual function of Betul Distract Chemist and Druggist Association**, Betul, M.P., India on 8th Feb 2009.
4. "In-vivo standardization of Herbals" **AICTE sponsored staff development programme**, Bhopal Institute of Technology and Science Pharmacy college, Bhopal, M.P., India on 2nd to 14th July 2009.
5. "Anti-diabetic Screening of Herbal Drugs" **AICTE sponsored staff development programme**, Technocrats Institute of Technology-Pharmacy, Bhopal, M.P., India on 10-22nd May 2010.
6. "Pharmacy Education System: A Overview" **Training Programme in Special Teaching Methods for Pharmacy Teachers on Regulatory Aspects**, 21stJune-2ndJuly, National Institute of Technical Teachers Training and Research, Bhopal, M.P., India on 21st June 2010.
7. "Role and Responsibilities of Pharmacy Teachers" **Training Programme in Special Teaching Methods for Pharmacy Teachers on Regulatory Aspects**, 21stJune-2ndJuly, National Institute of Technical Teachers Training and Research, Bhopal, M.P., India on 21st June 2010.
8. "An International Overview of Pharmaceutical Regulatory Aspects: Indian Perspective" **Training Programme in Special Teaching Methods for Pharmacy Teachers on Regulatory Aspects**, 21stJune-2ndJuly, National Institute of Technical Teachers Training and Research, Bhopal, M.P., India on 23rd June 2010.
9. "Adverse Drug Reaction, Toxicity and Drug Induced Diseases" **Training Programme in Special Teaching Methods for Pharmacy Teachers on Regulatory Aspects**, 21stJune-2ndJuly, National Institute of Technical Teachers Training and Research, Bhopal, M.P., India on 30th June 2010.
10. "The Swine flu" **Swine Flu Awareness Seminar with Live Demonstration of Vaccine**, Radharaman College of Pharmacy, Bhopal, India on 20th Sept 2010.
11. Hepatoprotective activity of *Lepidium sativum* seed total alkaloidal fraction against CCl₄ induced liver toxicity. **12th International Congress of Ethnopharmacology**, 17-19th Feb 2012. Organized by Jadavpur University and International Society of Ethnopharmacology, Science City, Kolkata, West Bengal.

12. Screening Methods for Herbal Immunomodulator. National seminar on “**Status and need of Herbs as Immunomodulators**”, 3-4th Nov 2012. Sponsored by M.P. Council of Science & Technology, Bhopal, Millennium college of Pharmacy, Bhopal.
13. Role and responsibility of Pharmacy Teachers: An overview. APP sponsored Faculty Development Program on “**Current Teaching Methodologies and Recent Trends in Pharmaceutical Field**”, 25th Nov – 8th Dec 2012. Organized by Globus College of Pharmacy, Bhopal, M.P.
14. Phytopharmacological screening of *Lepidium sativum* seeds total alkaloid: Hepatoprotective, antidiabetic and in-vitro antioxidant activity along with identification by LC/MS/MS. **Pharma-Nutrition 2013, Elsevier sponsored 2nd International Conference, 15-17th April 2013, Singapore.**
15. Pharmacodynamics and Structure Activity Relationship. 21st Feb 2013, as invited lecture in Sant Hirdaram Girls College, Bairagarh, Bhopal.
16. Effective Dose Range Selection for a New Drug Delivery System. **AICTE sponsored Faculty Development Programme**, Bansal College of Pharmacy, Bhopal, M.P., India on 3rd to 15th June 2013.
17. Pharmacokinetic Study of Herbal Drug Delivery System. **AICTE sponsored Faculty Development Programme**, Truba Institute of Pharmacy, Bhopal, M.P., India on 3rd to 15th June 2013.
18. Phytochemistry and phytoconstituents of herbal drugs and formulations. International Conference and Exhibition on “Pharmacognosy, Phytochemistry & Natural Products”, Radisson Blu Plaza Hotel, Hyderabad, A.P., India on 21st – 23rd Oct 2013.
19. Pharmacy Education System: Role and responsibilities of pharmacy teachers. **AICTE sponsored National Seminar**, Bhabha Pharmacy Research Institute, Bhopal, M.P., India on 15th – 16th Nov 2013.
20. Ethical concern and guidelines of animal experimentation. **AICTE sponsored Faculty Development Programme**, Vedica College of B. Pharmacy, Bhopal, M.P., India on 11th to 24th Nov 2013.
21. Experimental screening methods for Immunomodulators. **DBT Sponsored National seminar** on “Current approaches in discovery of novel immunomodulatory constituents from herbal origin”, Bansal College of Pharmacy, Bhopal, M.P., India on 30st – 31st Oct 2014.

22. Herbal anticancer drug development: In vivo and in vitro study protocol. **MPCST Sponsored National seminar** on “Herbal anticancer drug development: In vivo and in vitro study protocol”, Radharaman College of Pharmacy, Bhopal, M.P., India on 28th April 2014.
23. Ethical concern and guidelines of animal experimentation. **MPCST Sponsored National seminar** on “Recent Approaches in Medical and Plant Biotechnology”, Bansal College of Pharmacy, Bhopal, M.P., India on 12st – 13st Feb 2015.
24. Implementation of CPCSEA guidelines in pharmacy institutions. **ICMR Sponsored National seminar** on “Challenges towards implementation of CPCSEA guidelines in pharmacy institutions”, RKDF College of Pharmacy, Bhopal, M.P., India on 27th April 2015.
25. Rational use of Experimental Animals and Application of 3R Principal. **Indian Pharmacological Society** organized seminar on “Innovation in Alternative to Animal Experimentation from Drug Discovery to Delivery”, AKS University, Satna, M.P., India on 21st – 22nd Aug 2015.
26. Alternatives to Animal Experimentation: Current Status and Challenges. **Key Note Speech**; in **ICMR Sponsored National Workshop**, Geetanjali University, Udaipur, Raj., India on 08-09th Jan 2016.
27. Challenges towards implementation of CPCSEA guidelines in pharmacy institutions. **Resource Person**; in **MPCST Sponsored National seminar on “Challenges towards implementation of CPCSEA guidelines in pharmacy institutions”**, Peoples School of Pharmacy and Research, Bhopal, M.P., India on 1st Oct 2016.
28. Ameliorative effect of curcumin and picroliv on low caloric diet induced chronic alcoholic liver cirrhosis in rat. **Key Note Speech**; in **‘Innopharm 2’ 2nd International Conference on Bridging Innovations in Pharmaceutical, Medical and Bio Sciences**, MPCST, Bhopal, M.P., India on 11-12th Feb 2017.
29. Effect of curcumin and picroliv on withdrawal symptoms and hepatic functional ability of rat with low caloric diet induced chronic alcoholic liver cirrhosis. **ISE-SFEC 2018**, 13-15th Jan, 2018, Faculty of Pharmacy, Dhaka University, Dhaka, Bangladesh.
30. Safety concern of nanomedicines: Nanotoxicology evaluation. **National Seminar**, 15-17th Mar, 2018, University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh, India.

31. Vector-borne diseases: Prevention and Control. **Resource Person; in MPCST Sponsored National seminar on 'Management of Communicable & Vector Borne Diseases by Interdisciplinary Approach'**, 14th Sept, 2018, Mittal Group of Institutes, Karond, Bhopal.
32. Assessment of Radioprotective and cytoprotective potential of phytoconstituents. **Keynote Speech in 4th World Pharma Summit on Pharmaceuticals and Drug Discovery, Bioleague Worldwide, Dubai, UAE, 21-22nd Sept, 2018.**
33. Ethical Pharmacy Practice & Storage conditions of hospital drug. **Expert Lecture in Pharmacist training program organized by Pharmacy Council of MP**, MP state Veterinary Council, Vaishali Nagar, Bhopal, 23rd Oct, 2018, 18th Nov, 2018, 13th Feb, 2019, 6th March 2019.
34. Safety assessment of phytopharmaceuticals: Toxicity evaluation. **Resource Person in State convention, Society of Pharmacognosy & National seminar APTI state branch.** Organized by Faculty of Pharmacy RKDF University, Gandhi Nagar, Bhopal. 25-26th Nov, 2018.
35. Toxicity assessment of phytopharmaceuticals following global standard guidelines. **Speaker in 6th International Congress of Society for Ethnopharmacology.** Organized by Manipal College of Pharmaceutical Sciences. Manipal, India. 8-10th Feb, 2019.
36. Phytoconstituents with potential radioprotective & cytoprotective activity. **SPER-Nepal 2019, International Conference of Society of Pharmaceutical Education & Research.** Organized by Kathmandu University, Kathmandu, Nepal. 7-8th June, 2019.
37. Safety assessment of phytopharmaceuticals following global standard guidelines. **Resource Person in AICTE sponsored Faculty Development Program.** Organized by Sagar Institute of Research and Technology, Bhopal, India. 26th Aug, 2019.
38. Planning and developing pharmacological studies: Application of QBD concept. **Resource Person in AICTE sponsored Faculty Development Program.** Organized by LN College of Pharmacy, Bhopal, India. 18th Dec, 2019.
39. Safety assessment of Phytopharmaceuticals following global standard guidelines. **Resource Person in AICTE sponsored STTP** Organized by Vedica College of B. Pharmacy, RKDF University, Gandhi Nagar, Bhopal. 3rd - 9th Mar, 2020.
40. Proposal writing for research grant. **Resource person in Ayurveda Padap Mahakumbha** Organized by Gurukul Kangri University, Haridwar. 11th Feb, 2021.
41. Virtual experimentation in pharmacology. **Resource person in Webinar** Organized by Patel College of Pharmacy, Madhyanchal Professional University, Haridwar. 20th Feb, 2021.

42. Mucormycosis and role of the pharmacist in providing information on fungal infections. **Resource person in Webinar entitled Pharmacist as a frontline warrior.** Organized by PA College of Pharmacy, Mangalore 12th June, 2021.
43. Safety, Efficacy and Pharmacokinetics of Biosimilars. **Resource person in Webinar entitled Scientific insights on biopharmaceuticals and drug designing.** Organized by HK College of Pharmacy, Mumbai. 20th July, 2021.
44. Vaccines Against Corona Virus: Technology and Development Strategies. **Keynote Speaker in Webinar entitled Multivariant Vaccines Against Corona Virus: Technology and Development Strategies.** Organized by Guru Ghasidas Vishvidyala, Bilaspur. 2nd Mar, 2022.
45. Edible Plant Vaccines: Technology and Development Strategies. **Resource person in National Conference entitled Prospects of Edible Plant Vaccines for Oral Immunization: Scope and Limitations.** Organized by Sagar Institute of Pharmacy and Technology (SIPTec), Bhopal, M.P. 4th Jan, 2023.
46. Innovation ventures for COVID-19 treatment. Lecture Online Webinar **DBT Associated Popular Lectures on Innovation Ventures for COVID-19 Treatment.** Organized by Devsthali Vidyapeeth College of Pharmacy, Rudrapur, 4th Feb, 2023.
47. Preclinical and toxicological study protocol development. **Resource Person International Webinar.** Organized by Meerut Institute of Technology, Meerut, 4th Sept, 2023.
48. How to explore research grant opportunities. **Resource Person in IQAC-IIC and MoU Activity at ISFCP Dialogue Series-2023.** Organized by ISF College of Pharmacy, Moga, 4th Oct, 2023.
49. Pharmacovigilance: A career avenue for pharmacy graduate in India and other continents. **Expert Speaker Virtual presentation.** Organized by Shri Krishna University, Chhatarpur, 18th Oct, 2023.
50. Understanding Pharmacovigilance: Safeguarding Patient Health. **Expert Speaker** Organized at **Piramal Learning University**, Piramal's office, Kurla, Mumbai. 16th Jan, 2024.
51. Pharmacovigilance: A career avenue for pharmacy graduates in India and other continents. **Resource Person in Refresher Course in Life Science (online).** Organized by Pt. Ravishankar Shukla University, Raipur, 7th Feb, 2024.
52. Biofarming for health: Edible plant vaccines and development approaches. **Expert talk** organized by **Shivajirao Kadam Institute of Pharmaceutical Education and Research**,

Indore, 12th March 2024.