

# Name : Dr. Neeli Rose Beck

# Associate Professor

# Department of Pharmacy

# ( Guru Ghasidas Vishwavidyalaya, Bilaspur, CG)

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**Qualification** : M. Pharm., Ph.D

**Ph.D (Pharmacy**): Guru Ghasidas Vishwavidyalaya, Bilaspur, Bilaspur, Chhattisgarh (2008-2015)

M. Pharm. (Pharmacognosy): Dr. Harisingh Gour Vishwavidyalaya Sagar (1999-2001)

B Pharm :Dr. Harisingh Gour Vishwavidyalaya Sagar (1995- 1999)

Area of Interest/Specialization : Pharmacognosy, Ethnomedicine, Herbal formulation, biological activity of herbal drugs, Standardization of herbal medicine

Experience : 22 years

**Awards and Honors**

* 1999: Qualified GATE exam in Pharmacy from IIT, Kanpur
* 1999-2001: Received Research Fellowship for M. Pharm. in Pharmacognosy from Dr. Harisingh Gour Vishwavidyalaya Sagar, M P.
* 2014: **Best poster award** on research article entitle “Analgesic activity of C. spinarum in albino rats, CGCOST sponsored National seminar on pulsatile drug delivery system a promising approach toward chronobiological disease, organized by Columbia Institute Pharmacy, Raipur, Chhattisgarh
* **Pioneer scientist award** received in the 2nd international multidisciplinary conference 2024 with the theme “Advances in fundamental and applied research” organized by shri Shankaracharya Professional University (SSPU), Bhilai, CG. India on 28-29 November 2024.
* **SRF Best Academician Award** received from “**Social Research Foundation**” Kanpur in recognition of valuable contribution to education, other academic activities and to produce new innovation in Research, on 2 Feb 2025.

**Research Projects**

* Phytochemical and pharmacological evaluation of some potential antigenotoxic plants. UGC sponsored, year 2012-15, 3 Lakhs, (Co Principal investigator)

**International Collaboration/Consultancy: Nil**

**Patents**

1. Dr. Meenakshi Jaiswal, Dr. Alpna Ram, **Dr.Neeli Rose Beck**, Ms. Lalita Sandey

“Spirometer for lung cancer patients” Indian design patent, Design no 380788-001

granted on 2/4/2024.

1. Balaji Anna, **Beck Neeli Rose**, Dev Dhruv Una, Goda Chirag, Venkata Suresh, Patil Ansuya, Posa Mahesh Kumar,Rao Manchineni Prasada, Sethi Pranshul, Singh Mahaveer, Surya devarakonda, “Liposomale Formulierung mit kontrollierter Freisetzung von der Nase zum Gehirn bei neurologischen Erkrankungen” Germen patent, patent number 202024100977, granted on 14/3/2024.
2. .Dr. Asra Jabeen, Dr. Milind Sharad Pande, Mr.Venkataramana I, Dr. Venkata Suresh, .Sevak Nanaji Khadatkar, Dr. Manjunatha Panduranga Mudagal , Dr Deepak Bharati, Dr. Alpana Ram, P.S Minhas**, Dr.Neeli Rose Beck** “Apparatus for measuring antiinflammatory analgesic and antioxidant activity of natural products” Indian design patent, Design no-406762-001, granted on 18/4/2024.
3. Dr. Balalakshmi Chinnasamy, **Dr..Neeli Rose Beck**, Dr. Bhyan Bhupinder, Dr. Harishikesh Gupta, Dr. Dileep Kumar, Dr. Mittal Pooja, Dr. Shashi Ravi Suman, Dr Mahavir Singh, Dr. Somasundaram Jeevanandham, Dr. Sukirt Upadhayay.” Nanopartikelzusammensetzung fur eine verbesserte paclitaxel-Abgabe bei derkredsbehandlung” Germen patent, patent number 202024102017, granted on 23/4/2024.
4. Dr. Karavadi thejomoorty, Mr. S.G. Raman, Dr. Indira madawali , Dr. D Chinababu, Dr. **Neeli Rose Beck**, Dr. P Sajdulu, Vinay Bharadwaj Tatipamula Dr. D. Jothieswari, Dr. Venkata suresh Jilakara, Dr. Anupama Singh “ Gas Chromatography Mass spectrophotometer for impurity analysis of chemical compounds” Indian design patent, design number 407135-001, granted on 19/4/2024.

**List of Publications (All)**

1. **Neeli Rose Ekka**, Vinod Kumar Dixit “Ethnopharmacognostical studies of medicinal plants of Jashpur District, Chhattisgarh International Journal of Green Pharmacy p.no 2-3 , 2007, ISSN -0973-8258.
2. **Neeli Rose Ekka**, Kamta Prasad Namdeo, Pradeep Kumar Samal “Standardization strategies for herbal drugs -An Overview Research” Journal of Pharmacy and Technology, p.no 310-312, 2008 ISSN 0974-3618
3. Kamta Prasad Namdeo, **Neeli Rose Beck**, *“Zizyphus jujube* – an overview” A National Research Journal Educational Wave’s vol 2, Issue III, July-Sept. 2011, p.no-22-25, ISSN 0975-8771.
4. P. K. Samal, J.S. Dangi, P.d. Meena, **N.R. Beck**, A. Patel, G. Maheswari, “Evaluation of analgesic activity of leaves extracts of *Feronia limonia* in Experimental animal models”. Research Journal Pharm and Tech. 4(5) May 2011, p.no-710-713, ISSN 0974-3618.
5. P. K. Samal, J.S. Dangi, P.d. Meena, **N.R. Beck**, A. Patel, G. Maheswari, “Hepatoprotective activity of *Butea monosperma* bark on liver damage caused by paracetamol in Rats” Research Journal Pharm and Tech. 4(5) May 2011, p.no-771-774, ISSN 0974-3618.
6. **N.R. Beck,** P. K. Samal “Traditional medicinal plants used by the tribes and rural people of Bilaspur District, Chhattisgarh (India)” Research Journal Pharm and Tech. 5(10) October 2012, p.no-1281-1282, ISSN 0974-3618.
7. **N.R. Beck,** K. P. Namdeo, “A study of the ethno-medicinal plants of a remote tribal area of Jashpur District of Chhattisgrh” Research Journal Pharm and Tech. 5(12) December 2012, p.no-1915-1917, ISSN 0974-3618.
8. P.K. Samal, S. Sharf, **N.R. Beck**, J.S. Dangi, “Antiepileptic effects of *Sapindus mukorossi* in rats” Research Journal Pharm and Tech. 5(11) November 2012, p.no-1417-1420, ISSN 0974-3618.
9. K. P. Namdeo, **N.R. Beck,** “A review on medicinal and pharmacological importance of *Woodfordia fruticosa* Kurz (Lythraceae)” An International Multidisciplinary Research Journal RIPPLES, 2012, p no.49-52, ISSN-0973-6352.
10. **Beck N.R**., Namdeo K.P. “Analgesic activity of extracts of *Woodfordia fruticosa* stems bark in animal models” International Journal of Pharmaceutical and Biological Research (IJPBR) Vol 4 Issue 4 Aug-Sep 2013, pg no 175-180, ISSN: 0976- 285X.
11. **Beck N.R**., Namdeo K.P, “Preliminary phytochemical and pharmacognostical evaluation of *Carissa spinarum* leaves” Asian J. Pharm. Tech. 2013; Vol. 3: Issue 1, Pg 30-33, ISSN- 2231–5640 (Print) [www.asianpharmaonline.org](http://www.asianpharmaonline.org) ISSN- 2231–5659 (Online)
12. **Beck N.R**., Namdeo K.P, “Antidiabetic activity of aqueous extracts of leaves and stem barks of *Woodfordia fruticosa* in animal model” World journal of pharmaceutical sciences, 3 (3), pp 468-474, 2015. ISSN No- 2321-3086. (Impact factor 2.189 in 2014).
13. **Beck N.R,** *“Limnophila Conferta* ( Scrophulariaceae ): A review on chemical and medicinal importance” World journal of pharmaceutical sciences, 3 (11), pp 2198-2209, 2015. ISSN No- 2321-3086.( Impact factor 2.189 in 2014)
14. **Beck N.R**., Namdeo K.P, “Evaluation of In Vivo antiinflammatory activity of leaves extracts of *Carissa spinarum* on formalin induced paw edema in albino rats” UK journal of pharmaceutical and Bio Sciences, vol 4(11) pp 36 - 40, 2016. ISSN No-2347-9442. (Impact factor 5.970 in 2014).
15. **Beck N.R**., A brief review on pharmacognostic, phytoconstituents, pharmacology and traditional uses of*Carrisa spinarum* (Apocynaceae), IJRPNS (International Journal of Research in pharmaceutical and nano science, 5(5), 2016, 251-260. ISSN No-2319-9563. (Impact factor 0.879).
16. **Beck NR**, Namdeo KP “Anti-inflammatory activity of extracts of *Woodfordia fruticosa* stems bark in animal models” International journal of pharmaceutical sciences and research, vol 8(9),3795-3800, 2017. EISSN No- 0975-8232, P- ISSN No2320-5148.
17. **Neeli Rose Beck,** Kamta Prasad Namdeo Phytochemical screening and elemental analysis of leaves and stem barks powder of *Woodfordia fruticosa* International journal of green pharmacy ( S 697-S700), 2017( Impact factor 0.309  **P- ISSN 0973-8258 E ISSN 1998-4103**
18. Kamta Prasad Namdeo, Sumanta Naskar, **Neeli Rose Beck**, ARTICLE In vitro Antilithiatic study of Ethanolic extract of roots of *Ipomoea digitata* Linn, ISSN 0974-3618 (Print) www.rjptonline.org 0974-360X (Online), Research J. Pharm. and Tech. 14(1): January 2021, pp 369-372.
19. Sourabh Ghosh , **Neeli Rose Beck**\* Rishika Gupta “A review on *Jatropha gossypiifolia* l.: pharmacology and phytochemistry” Chhattisgarh Journal of Science and Technology ISSN:0973-7219, Volume 16, Issue 1, 2019, pp-4-10.
20. **Neeli Rose Beck**\* Kamta Prasad Namdeo “Sedative activity of various extract of *Carrisa spinarum* stem bark in animal model” Chhattisgarh Journal of Science and Technology ISSN:0973-7219, Volume 17, Issue 4, 2020, pp-1-4.
21. Rishika Gupta, **Neeli Rose Beck**\* Sourabh Ghosh “ Review on *Soymida febrifuga* : a potential medicinal plant” Chhattisgarh Journal of Science and Technology, ISSN:0973-7219, Volume 17, Issue 1, 2020, pp-1-6.
22. Sourabh Ghosh, **Neeli Rose Beck**\*, Rishika Gupta “Phytochemical and biological study of plant *Hibiscus rosa sinensis* a review” Chhattisgarh Journal of Science and Technology, ISSN:0973-7219, Volume 17, Issue 2, 2020, pp-1-7
23. Dimpi Dewangan, **Neeli Rose Beck**\* Tripty Karri Ashwini Jangde *“Neolamarckia cadamba: a* review on its pharmacological perspective” Chhattisgarh Journal of Science and Technology ISSN: 0973-7219, Volume 19 , Issue 3 , 2022, pp.- 6-10.
24. Rishika Gupta, **Neeli Rose Beck**\*, Sourabh Ghosh, Dilip Pal “Malkangni (*Celastrus paniculatas* wild): phytochemical and pharmacological study- a review” Chhattisgarh Journal of Science and Technology *ISSN:0973-7219, Volume 19, Issue 2, 2022, pp-283-290.*
25. Ram Kumar Choudhary, Anasuya Patil , Nehal Shah , Mehulkumar Kiranbhai Bhatt , **Neeli Rose Beck** , Varsha Deva , Nayyar Parvez and Mahaveer Singh\* Nanogel of *Tridax procumbens* Linn as a potential in rheumatoid Arthritis therapy, African journal of biological sciences. 6(9) (2024) 289-299 ISSN: 2663-2187, https://doi.org/ 10.33472/AFJBS.6.9.2024.289-299, impact factor 1.08.
26. **Neeli Rose Beck** and Kamta Prasad Namdeo Investigation on Preliminary Phytoconstituents Screening and Antiinflammatory Activity of *Carissa spinarum,* Journal of Ravishankar University (Part-B: Science), 2016, 29(1), pp.194-195.
27. Ashwani Jangade, **Neeli Rose Beck**, Dimpy Dewangan “Antimicrobial activity of ethanol and water extracts for root of Psidium guajava against pathogenic bacteria” Scienxt Journal of Pharmacognosy, Volume-2, Issue-1, Jan-June, Year-2024, pp. 1-9.
28. Anjaneyulu Vinukonda, Saroj Yadav, Sonali Rastogi, C. Vanajakshi**, Neeli Rose Beck** Nina Varghese Satish Kumar Pradhan and Sudhir S Hunge “Development and assessment of diacerein microspheres with controlled release properties utilizing egg albumin” Anjaneyulu Vinukonda/Afr.J.Bio.Sc.6(Si2) (2024), ISSN: 2663-2187, doi:10.48047/AFJBS.6. Si2.2024.5512-5526. Impact factor 1.08.
29. **Neeli Rose Beck** and Kamta Prasad Namdeo “Assessment of anti-inflammatory activity of ziziphus jujube leaves and bark extracts on formalin - induced rat paw edema animal model” Asian Journal of Research in Chemistry and Pharmaceutical Sciences. 12(2), 2024, 87-94. Available online: www.uptodateresearchpublication.com April – June 87 Research Article ISSN: 2349 – 7106.impact factor 2.69
30. Dimpi Dewangan, **Neeli Rose Beck**, Ashwani Jangade, Sourabh Ghosh “Phytochemical screening and antidiabetic efficacy of *Bambusa vulgaris* and *Neolamarckia cadamba*: a comparative study, Asian Journal of Research in Chemistry and Pharmaceutical Sciences. 12(3),2024,124-131. Available online: www.uptodateresearchpublication.com July – September Impact factor 2.69 ISSN: 2349 – 7106.
31. Megha Acharya, Supurna Panda, **Neeli Rose Beck** “Unveiling the Potential of *Polygonum Plebeium*: From Folk Remedy to Functional Bioactive Resource International Journal of Pharmaceutical research and Applications, Volume 10, Issue 3, May-June 2025, pp:915-923 www.ijprajournal.com ISSN: 2456-4494, DOI: 10.35629/4494-1003915923 | Impact Factor value 7.429.
32. Ankita Sahu, Ashwani Jangade, **Neeli Rose Beck “**An Overview of *Hygrophila Auriculata* from a Perspective” International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 13, Issue 5, May-2025, p no 3607 -3614, Available online at: [www.ijaresm.com](http://www.ijaresm.com), impact factor 8.53.
33. Ashwani Jangade, Dimpi Dewangan, Sourabh Ghosh, Neeli Rose Beck, Evaluation of antimicrobial activity and bioactive compound analysis of *Annona squamosa* medicinal plant,

“Tanz Research Journal, ISSN: 1869-7720, Vol. 11, Issue 5, May-2025

**Conferences**

**Abstract/Paper Presented in Conferences/Seminars**

1. Paper presented entitled “Ethnopharmaceutical studies of medicinal plants of Jashpur district, CG” 2nd Chhattisgarh Young Scientist Congress Feb 28-29, 2004, Organized by GGV. Bilaspur,C.G.
2. Paper presented entitled “Ethno medicinal uses of medicinal plants from Jashpur District” National Seminar on Recent trends in herbal therapy, on 27-28 March 2006 organized by SLT Institute of Pharmaceutical Sciences, GGV, Bilaspur, C.G .
3. Paper presented entitled “Standardization strategies for herbal drugs” national seminar entitle Emerging trends in Pharma research on November 17-18 2006, organized by SLT Institute of Pharmaceutical Sciences, GGV, Bilaspur, C.G.
4. Paper presented entitled “Traditional Anticancer Drugs of Chhattisgarh” national seminar entitle Forest and Forestry Techniques on March 23-24, 2007 organized by GGV, Bilaspur, and C.G.
5. Paper presented entitled “Analgesic activity of *Woodfordia fruticose”* on Feb 28-29 2008, 6th Chhattisgarh Young scientist congress, organized by GGV, Bilaspur, C.G.
6. Paper presented entitled “Evaluation of analgesic activity of *Woodfordia fruticosa* leaves”APTI 13 Annual National convention 2008, entitles Need of quality education for changing pharma- world, organized by GGV, Oct 3-4 2008.
7. Paper presented entitled “Hepatoprotective effect of extracts from *Abutilon indicum*(L)” National seminar entitle Advances in Drug Discovery and Development, organized by GGV on Jan 18-19 2008.
8. Paper presented entitled “Preliminary pharmacognostical standardization of *Momordica dioica* available in a Badalkhol region Jashpur” National seminar on Advances in Drug Discovery and Development organized by GGV on Jan 18-19 2008.
9. Paper presented entitled “Traditional medicinal herbs from Bilaspur District of Chhattisgarh,”National seminar on Plant biology and its role in sustainable food and energy production, March 17-18, 2012, organized by Department of Botany, GGV, Bilaspur, C.G.
10. Paper presented entitled “Flavonoids as potential therapeutic agents from herbal origin” National seminar on recent trends in chemical research: challenges ahead, March 30-31, 2012, organized by Department of Chemistry & Applied Chemistry, GGV, Bilaspur, C.G.
11. Paper presented entitled “Investigation on some herbs used as anti-inflammatory agent in Chhattisgarh region” National seminar on Plant biology and its role in sustainable food and energy production, March 17-18, 2012, organized by Department of Botany , GGV, Bilaspur, C.G.
12. Paper presented entitled “Survey of herbal drugs in Seepat region used by rural people from Bilaspur District, C.G” national seminar on Standardization of herbal formulations: A holistic Goal, Feb 25-26, 2012, organized by SLT Institute of Pharmaceutical Sciences, GGV, Bilaspur, C.G.
13. Paper presented entitled “Evaluation of analgesic activity of stem bark extracts of *Carissa spinarum* in experimental rats” in national seminar on New trends in herbal formulations & its standardization organized by Siddhi Vinayaka Institute of Technology & Sciences held on 5th March 2013.
14. Paper presented entitled “Sedative activity of *Zizhyphus jujube*” in DBT sponsored national seminar on Advances in molecular Pharmaceutics, Nano medicine, Nanobiotechnology and Drug Research organized by Columbia Institute Pharmacy, Raipur, CG on 17 March 2013.
15. Paper presented entitled “Preliminary phytochemical screening and evaluation of various extracts of stem bark of analgesic activity of *Carissa spinarum”* in ICMR sponsored national seminar on Current developments for modernization of indigenous herbal formulations held on 16-17th March 2013 at Columbia Institute Pharmacy, Raipur, CG.
16. Paper presented entitled “Antimicrobial activity of five herbal extracts against bacteria and fungus” National conference on Microbial diversity: exploration, conservation & application organized by Govt. E. R. R.P G. Science College, Bilaspur on 16-17 Feb 2013.
17. Paper presented entitled “Study on antinociceptive activity of various extract of Carissa spinarum bark in animal model” in CCOST sponsored national seminar on recent advances in novel drug delivery systems for herbal formulations on 26-27 September 2014 organized by “School of Pharmacy Chouksey Engineering College”, Bilaspur, CG.
18. Paper presented entitled “Analgesic activity of C. spinarum in albino rats” National seminar on pulsatile drug delivery system a promising approach toward chronobiological disease, organized by Columbia Institute Pharmacy, Raipur, CG on 23-24 August 2014.
19. Paper presented entitled **“**Preliminary phytochemical screening and anti-inflammatory activity of the extracts of *Carissa spinarum* leaves” in international seminar on Cutting edge technology in new drug delivery and drug delivery system sponsored by CGCOST, Science and engineering research board, Dept. of science and technology, Department of biotechnology, Govt. of India, New Dehli and Jan Pragati education society, Raipur, CG. on 11-12th October 2014 organized by Columbia Institute Pharmacy, Raipur, CG.
20. Paper presented entitled “anti-inflammatory activity of the extracts of *Carissa spinarum”* in national seminar on Ethno medicine and new drug discovery: opportunities and challenges organized by SLT Inst. Of Pharm. Sciences, GGV, Bilaspur, CG on April 10-11, 2015.
21. Paper presented entitled **“**Evaluation of hypoglycemic activity of *Woodfordia fruticosa* in alloxan induced diabetic rats” in national seminar on Developmental challenges of carbon nanotubes as a vaccine delivery sponsored by DST, CSIR, ICMR, DBT New Delhi and MPCST organized by Adina Institute of Pharmaceutical Sciences Sagar on 19 Sept 2015.
22. Paper presented entitled “The pharmaceutical research and future development in pharmaceutical industry” in national seminar on Bridging gap between academic and pharmaceutical industries” sponsored by CGCOST, Science and engineering research board, Dept. of science and technology, organized by Columbia Institute Pharmacy, Raipur, CG on 5& 6 March 2016.
23. Paper presented entitled “Anti hyperglycemic activity of *Woodfordia fruticosa* extract” in national seminar on “Herbal drug research : current status with reference to Institute – Industry Interaction, opportunities and challenges in Chhattisgarh” sponsored by CCOST, Raipur, Organized by Siddhi Vinayaka Institute of Technology & Sciences, Bilaspur, Chhattisgarh on 16th February 2016.
24. Paper presented entitled **“**Investigation on preliminary phytoconstituents screening and anti-inflammatory activity of *Carissa spinarum”*in 3rd International Congress of Society for Ethnopharmacology, India  “Ethnopharmacology and Evaluation of Medicinal Plants – Global Perspectives"  organized by Pt. Ravishankar Shukla University, Raipur  conducted on 19th - 21th February 2016.
25. Paper presented entitled “ A review on herbs and its by products used for production of biofuels” in national seminar on “Recent advances in biotechnology & biofuels” sponsored by DBT Govt of India, New Delhi, organized by department of microbiology and bioinformatics, Bilaspur University, Bilaspur ( CG), conducted on 12th - 13th September 2016.
26. Paper presented entitled “A review on traditional medicinal plants used for health care by the tribal population from Chhattisgarh” in international conference on Bharat rejuvenation ( from glorious past to the modern era) ICBR 2017, hosted by Guru Ghasidas Vishwavidyalaya, Bilaspur, in association with Bhartiya Shikshan Mandal, Nagpur, in collaboration with AICTE, IIM Raipur, Indian council of Social science research, Indian institute of mass communication, Indira Gandhi national center of Art, conducted on 15 & 17 October, 2017.
27. Paper presented entitled “Kidney nuclear medicine scan and antiurolithiatic activity of aqueous and ethanolic extracts of *Dolichos biflorus* seeds” in national seminar on Radiopharmaceuticals in healthcare system: quality, safety and regulatory aspects, sponsored by Atomic energy regulatory board organized by department of Pharmaceutical sciences and Technology AKS University, Satna ( M.P), conducted on  10th February 2018.
28. Paper presented entitled “Phytochemical screening of *Ziziphus jujuba* Bark” in national seminar on “Ethno medicines - A source of complementary and alternative medicines for navigating the future in therapeutics” on 23 February 2018 organized by “School of Pharmacy Chouksey Engineering College”, Bilaspur, CG.
29. Paper presented entitled **“**Ph*y*tochemical analysis of plant extract of *Ziziphu*s *jujuba* bark using IR, Mass and NMR spectroscopy Technique” in national seminar on “Emerging trends in drug discovery, pharmaceutical science and biomedical research” on 17-18 March 2018, organized by Department of Pharmacy, Indira Gandhi national tribal University, Amarkantak, MP.
30. Paper presented entitled “Sedative - hypnotic activities of extracts of *Woodfordia fruticosa* barks in animal model” in international conference Techno- A- tech 2018 on “Engineering, science and technology: ideas, innovations and initiatives” on 26th -27th October 2018 organized by “Chouksey Engineering College”, Bilaspur, CG.
31. Paper presented entitled “Preliminary phytochemical analysis and study for the treatment of insomnia disorder by using extracts of *Woodfordia fruticosa* barkin animal model” in international conference on “Fostering interdisciplinary research in medicines” on 19th -21th 2019 organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur, Chhattisgarh, India.
32. Paper presented entitled **“**A review on medicinal properties and traditional uses of *Cassia tora”* in national seminar on ‘Traditional medicines and modern drug research for better health care’ organized by SLT Institute of Pharmaceutical sciences, GGV, Bilaspur, C.G. on 08 March 2019.
33. Paper presented entitled ‘A review on medicinal plants research herbal combining nanotechnology-based drug’ in national conference on “Recent advances in pharmacovigilance in drug discovery and development” organized by Department of Pharmaceutical sciences and Technology AKS University, Satna ( M.P), conducted on  12th April 2019 in association with Indian pharmacopoeia commission, Ghaziabad, Ministry of Health and family welfare ( Govt. of India, New Delhi) & Society of pharmacovigilance, India (SOPI).
34. Paper presented entitled “A review on some potential Phytomedicine with anti-inflammatory properties” in international conference on “Integrating pharmaceutical technology with other branch of Sciences for health management” organized by Columbia Institute Pharmacy, Raipur, CG on 1 & 2 February 2020.
35. Paper presented entitled “Phytoconstituents and medicinal uses of Chenopodium album Linn” in international conference on “New horizon of health science” organized by Chouksey Engineering College, Bilaspur, CG on 4-5 March 2020.
36. Paper presented entitled “A review on intellectual property rights” in national seminar on intellectual property Rights ( IPR) 2020 supported by Madhya Pradesh Council of Science & Technology organized by Oriental college of Pharmacy on 31 January, 2020.
37. Paper presented entitled “Pharmacognosy of *Trigonella foenum* graecum: a review” in national seminar on Nurturing innovate. Ion in healthier research: Discovery new verticals organized by Society of pharmaceutical education & research in collaboration of pharmaceutical sciences & technology AKS university Satna on 28-29 Feb 2020.
38. Paper presented entitled “The Knowledge of Indigenous traditional medicinal plants for treatment of various diseases in tribal communities of the state of Chhattisgarh, India” in national symposium on Biodiversity and its Utilization and Conservation in Central India organized by Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, in blended mode from 21st -22nd February, 2022.
39. Paper presented titled “A Review on Role of Herbs in Reducing Environmental Pollution” in International Conference (Online) on Covid Challenges of Energy and Environment Management for Sustainable Growth of Process Industries (CCEEMSGPI-2021) organized by Department of Chemical Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, September 10-11, 2021.
40. Paper presented entitled “Evaluation of antihyperglycemic activity of *Carrisa* *spinarum* and *Woodfordia fruticosa* in alloxan induced diabetic rats” National Webinar on “Industry-academia interaction on patenting and drug regulatory affairs: progress in translational research perspective” held on September 24, 2021, Organized by the Department of Pharmacy, Indira Gandhi National Tribal University (IGNTU), Amarkantak (MP), India**.**
41. Paper presented entitled “A review on drug drug interaction of herbal products” National seminar on pharmaceutical product developments: A context of Indian pharmaceutical industry and research held on April 12 2022, Organized by the Department of Pharmacy, Indira Gandhi National Tribal University (IGNTU), Amarkantak (MP), India.
42. Paper presented entitled “ A comprehensive review and future trends of standardization of herbal drugs” International conference on Vimarsh 2K22 On 16-17 Dec 2022 Organized by Chouksey Engineering College, Bilaspur, CG.
43. Paper presented entitled “ Public health, diseases, challernges and managements in India” National seminar on “To foster the strategies of Pharma innovation and novel drug delivery system “on 17-18 June 2023 organized by Chhatrapati Shivaji institute of Pharmacy, Durg, CG, India.
44. Paper presented entitled “ A review on chemoprotective herbal plants and plants products derived against cancer ” International seminar on Recent advances in translational research and molecular medicine” on 24-25 Feb 2023 organized by Shivajirao Kadam Institute of Pharmaceutical education and Research, Indore, MP.
45. Paper presented entitled “ Evaluation of the analgesic activity of Zizyphus jujube in animal model” national seminar on Innovation and entrepreneurship in biotechnology(NSIEB-2023) 8-9 Dec 2023 organized by Department of Biotechnology, GGV, Bilaspur, CG.
46. Paper presented entitled “ Artemisinin used as antimalarial drug – an overview” national conference on Plant tissue culture : A way for non stop supply of secondary metabolites of therapeutic importance on 21-22 april 2023 organized by Apollo College of Pharmacy, Anjora CG, India.
47. Paper presented entitled “ Ethnomedicine from Baghicha Block Jashpur District, Chhattisgarh, India” National seminar on Multidisciplinary trends and innovations towards health for all on 14-15 April 2023 organized by Department of Rural technology and Social Development, GGV, Bilaspur, CG.
48. Paper presented entitled “Role of biofertilizers in cultivation of medicinal and aromatic plants in Chhattisgarh, India” National seminar on “Recent advances in economic and potential benefits in mushroom cultivation” 15 to 16 Dec 2023.
49. Paper presented entitle “A review on role of foreign policy in the field of Science and technology” National conference on Increasing importance of science and technology in foreign policy, organized by Department of chemistry, GGV, Bilaspur, CG, on 20--21 Feb 2024.
50. Paper presented entitle A study on Pharmacognostic, phytochemical, biological and health benefits of Macrotyloma uniflorum ‘2nd international multidisciplinary conference 2024 with the theme “Advances in fundamental and applied research” organized by shri Shankaracharya Professional University (SSPU), Bhilai, CG. India on 28-29 November 2024.

**Recent Books/Book chapters/Monographs etc( All**)

**Books**

* **Neeli Rose Beck**, Dimpi Dewangan, Rishika Gupta, Sourabh Ghosh, Herbal Approaches towards Diabetes, first edition 2023, ISBN 978-81-967669-3-1 (Print), ISBN 978-81-967669-4-8 (eBook), DOI: 10.9734/bpi/mono/978-81-967669-3-1, published by B P International 2023.
* Ms. Jasleen Kaur Minhas, Mrs. Bhanupriya Bhrigu , Dr. R. Senthil Kumar, **Dr. Neeli Rose Beck** , Prof. Raviraj Rama Jadhav “A Textbook of medicinal chemistry – II” ISBN : 978-93-6087-823-8, May 2024, Published by Shashwat publication, Pages : 256

**Book Chapters**

1. **Neeli Rose Beck** “Elemental Analysis of Leaves and Stem Barks Powder of *Woodfordia fruticosa*” book name Challenges and advances in pharmaceutical research, vol 6, edited by Farzaneh Mohamadpour, DOI: 10.9734/bpi/capr/v6/16988D, Chapter 10 Print ISBN: 978-93-5547-666-1, eBook ISBN: 978-93-5547-667-8 published by B P international 2022.
2. **Neeli Rose Beck** , Dimpi Dewangan , Sourabh Ghosh , Rishika Gupta , Ashwani Jangade “Introduction and History of Diabetes” Herbal Approaches towards Diabetes, 18 November 2023, Page 3-6 <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH0>.
3. **Neeli Rose Beck** , Alpana Ram, Sourabh Ghosh , Dimpi Dewangan , Rishika Gupta, “Classification of Diabetes” Herbal Approaches towards Diabetes, 18 November 2023, Page 7-12 <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH2>.
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13. Dimpi Dewangan , Rishika Gupta , Sourabh Ghosh , **Neeli Rose Beck**, “Herbs with Anti-Diabetic Properties, Herbal Approaches towards Diabetes, 18 November 2023, Page 91-96, <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH12>.

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21. **Neeli Rose Beck** , Kamta Prashad Namdeo, “Review on Pharmacognostical Study of *Woodfordia fruticosa* (Lythraceae)” Herbal Approaches towards Diabetes, 18 November 2023, Page 154-157, <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH20>.

22. **Neeli Rose Beck** , Kamta Prasad Namdeo “Comparative Antidiabetic Activity of *Woodfordia fruticosa, Zizyphus jujube* and *Carissa spinarum*” Herbal Approaches towards Diabetes, 18 November 2023, Page 158-172, <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH21>.

23. **Neeli Rose Beck** , Dimpi Dewangan , Rishika Gupta, Sourabh Ghosh , Ashwani Jangde,“Challenges in Management of Diabetes by Herbal Approaches” Herbal Approaches towards Diabetes, 18 November 2023, Page 173-176, <https://doi.org/10.9734/bpi/mono/978-81-967669-3-1/CH22>.

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25. Shivani Rai Paliwal, Rishi Paliwal, Seema Rai, Renu Bhatt, Arjun Patra, Meenakshi Jaiswal, **Neeli Rose Beck**, Kunjbihari Salakhiya. Nanocarriers for pulmonary drug delivery overcoming anatomical barriers and prospective solutions.Book name Recent advances in Pharmaceutical sciences edited by S.H. Bodake, Seema Rai, Vivekanand Mandal, Ashmita Das Published by Veer Bahadur Publication, Lucknow, 2022, ISBN 978-93-84817-32-9.

26. Suresh Kumar Sahu, Alpana Ram, **Neeli Rose Beck**. Soft tissue infection, Book name Novel lipid vesicular carriers in diabetic bacterial skin infection edited by Suresh Kumar Sahu, Alpana Ram published by Poddar publication, 1st edition, Varanashi, 2019, page no 7 -9, ISBN 978-93-84817-10-7.

27. Suresh Kumar Sahu, Rashmi Madharia, Alpana Ram, **Neeli Rose Beck**. Vesicular systems, Book name Novel lipid vesicular carriers in diabetic bacterial skin infection edited by Suresh Kumar Sahu, Alpana Ram published by Poddar publication, 1st edition, Varanashi, 2019, page no 32 -42, ISBN 978-93-84817-10-7.

28. Suresh Kumar Sahu, Alpana Ram, **Neeli Rose Beck**, Rashmi Madharia . preparation and optimization of liposome and ethosomes, Book name Novel lipid vesicular carriers in diabetic bacterial skin infection edited by Suresh Kumar Sahu, Alpana Ram published by Poddar publication, 1st edition, Varanashi, 2019, page no 91 -112, ISBN 978-93-84817-10-7.

29. Suresh Kumar Sahu, Alpana Ram, **Neeli Rose Beck**, Rashmi, Analysis of linezolid Book name Novel lipid vesicular carriers in diabetic bacterial skin infection edited by Suresh Kumar Sahu, Alpana Ram published by Poddar publication, 1st edition, Varanashi, 2019, page no 113 -126, ISBN 978-93-84817-10-7.

30. Dimpi Dewangan, **Neeli Rose Beck**, Roshani Diwakar, Ashwani Jangde and Neeraj Kumar Pathophysiology of Sickle cell Disease, Book name A basic guide to know sickle cell anemia edited by Deepshikha Verma, K. P. Namdeo, 1st edition, published by Springer, China, page no 17-22, ISSN 1666-6038, e- ISSN 1860-4749.

31. Dimpi Dewangan, **Neeli Rose Beck**, Sourabh Ghosh, Vinay Bisen, Types of sickle cell anemia, Book name A basic guide to know sickle cell anemia edited by Deepshikha Verma, K. P. Namdeo, 1st edition, published by Springer, China, page no 13-16 ISSN 1666-6038, e- ISSN 1860-4749.

32. Ashwani Jangde, **Neeli Rose Beck**, Dimpi Dewangan, Ayurvedic formulation for treatment of sickle cell anemia, Book name A basic guide to know sickle cell anemia edited by Deepshikha Verma, K. P. Namdeo, 1st edition, published by Springer, China, page no 61-66 ISSN 1666-6038, e- ISSN 1860-4749.

33. Megha Acharya, Supurna Panda, Neeli Rose Beck, “Flavonoids: nature’s molecular artistry” Book name Frontiers in Science Innovation: Breakthroughs in Modern Research edited by Dr. N. S, Meshram, Dr. DVNS Suresh and Dr. P. S. Deharkar, edition: First 31-05-2025, Enviro-Chem Publication House, Nagpur, ISBN No 9789198711724.

**Research Supervision**: B Pharm Projects ( › 50 completed), M Pharm – 07

Pharmacy Practice 10, Ph.D guidance – ongoing

**Administrative Responsibilities:** 

* **Academic staff college Orientation / Refresher/ Other training course attended:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Name of the Course** | **Duration** | **Place** | | **Organized by** | **Sponsoring Agency** |
| **1.** | UGC Refresher Course | 10 /06/ 2003-30 /06/ 2003  ( Three weeks) | Tamilnadu | | Annamalai University  Department of Pharmacy | UGC |
| **2.** | UGC Refresher Course | 30/11/2009 -19/12/ 2009  ( Three weeks) | Bilaspur | | Academic Staff College G.G.V.Bilaspur | UGC |
| **3.** | Orientation course | 28/ 8/2012 -24/ 09/2012  ( Four weeks) | Bilaspur | | Academic Staff College G.G.V.Bilaspur | UGC |
| **4.** | Short term training courses | 13-25 June 2005( Two weeks) | Sagar(M.P.) | | Dr.H.S.G.V.Sagar M.P. | AICTE |
| **5.** | Short Term Course | (23.11.15 to  28.11.15) (One Week) | Bilaspur (Chhattisgarh) | | Human resource development centre, Guru Ghasidas Vishwavidyalaya, Bilaspur | UGC |
| **6.** | Faculty development programme | 8/ 2/ 2010-20/2/ 2010  ( Two weeks) | Bilaspur (Chhattisgarh | | Pharmaceutical Sciences, GGV, Bilaspur | AICTE |
| **7** | Short Term Course | (4.11.2019 to 9.11.2019) (One Week) | Bilaspur (Chhattisgarh) | | Human resource Development centre Guru Ghasidas Vishwavidyalaya | UGC |
| **8** | Skill development course and workshop | (14.10.2019 to19.10.2019) ( one week) | Bilaspur (Chhattisgarh) | | GGV & Forensic Deptt & Skill development deptt. | CG Cost |
| **9** | e-faculty development programme | 01/06/2020 to 05/06/2020 | Mandsaur( MP) | | B.R. Nahata College of Pharmacy, Mandsaur | Pradesh Council of science and Technology |
| **10** | Faculty Development Program | March 21 – 27, 2023 | Lucknow, UP India | | Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute | MKS Educational Society |
| **11** | Nep 2020 orientation & sensitization programm | 15.02.2024 to 24.02.2024 | Raipur | Malaviya Mission Teacher Training Centre | | Pt. Ravishankar Shukla University |
| **12** | Nep 2020 orientation & sensitization programm | 04-03-2024 to 13-03-2024 | Bilaspur | | Malaviya Mission Teacher Training Centre | Guru Ghasidas Vishwavidyalaya |

**Additional Information**

* Life Member of The Association of Pharmaceutical teachers of India (APTI).
* Member of Chhattisgarh State Pharmacy Council
* Training courses attended: 2 Refresher courses, 1 Orientation course, 3 Faculty development courses, 3 short term courses and 1 Skill development courses.
* Invited talk presented entitle “Extraction of natural essential oils by hydrodistilation method on two days national workshop cum hand on training on botanical extraction and phytochemical techniques” organized by Department of Pharmacy, GGV, Bilaspur, CG. on 18-19 March 2023.
* Advisory board members of Asian journal of phytomedicine and clinical research

**workshops of various topic attended**

1. Participated in workshop entitled “Innovative & Traditional herbal therapy by Baigas of Chhattisgarh organized by School of Biotechnology & department of Rural technology, GGV, Bilaspur on 20 Dec 2007.
2. Participated in workshop entitled “Intellectual property rights, IP commercialization and prevention of Plagiarizm” organized by GGV, Bilaspur and Chhatisgarh Science and Technology, Raipur on 26- 27th February

2016.

1. Participated international webinar on Herbal remedies for Boosting Immunity and ameliorate stress in present Scenario “(HMBIAS-2020) organized by School of pharmacy Chouksey Group of Colleges on 17 th July 2020.
2. Participated in international keynote lecture session on ‘Environmental pharmacovigilance, under the national seminar on ‘Recent advances in pharmacovigilance in drug discovery and development’ organized by Department of Pharmaceutical sciences and Technology AKS University, Satna (M.P), conducted on 12th April 2019 in association with Indian pharmacopoeia commission, Ghaziabad, Ministry of Health and family welfare (Govt. of India, New Delhi) & Society of pharmacovigilance, India (SOPI
3. Participated international webinar on pharmaceutical share learning and collaboration Organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya Bilaspur on 4 June 2020
4. Participated international webinar on international conference summit on pharmaceutical learning and collaboration II Organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya Bilaspur on 23 May 2020.
5. Participated BRNCOP Webinar Series-8' NDDS on Jul 21, 2020 organized by Mandsour college of Pharmacy.
6. Participated international webinar “virtual learning – bringing the pharmaceutical world together Organized by LCIT school of Pharmacy on 28 June 2020.
7. Participated webinar on Virtual pharmacology experimentation organized by BR Nahata college of Pharmacy on 4/7/2020.
8. Participated One Day International e-Symposium & Panel Discussion on the “Understanding IP for scientists and scholars”, organized by Poona college of Pharmacy, Pune & Sinhgad college of Pharmacy, Pune on the occasion of national pharmacy week 2020 on 30th November, 2020.
9. Participated webinar “Nutrition. Immunity and covid 19” Organized by LCIT school of Pharmacy on 10 April 2021.
10. Participated in the SPSR Webinar on ‘Navigating your journey from research to patent & how patent and publication differ?’ organized by Society of Pharmaceutical Sciences and Research (SPSR) on April 18, 2021. 12
11. participated one day workshop on Multiple entry/ exits for professional courses as a step towards national education policy implementation organized by Guru Ghasidas Vishwavidyalaya Bilaspur on 18 /12/2021
12. participated a workshop on skill initiative and entrepreneurship opportunity in the field of herbal cosmetics and herbal products organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya Bilaspur on 25 Nov 2022.
13. Participated a workshop on NEP 2020 Good academic research practices/ Academic research integrity on 30/6/2022 organized by HRDC GGV, Bilaspur
14. Participated a workshop on NEP 2020 Multidisciplinary on 28/6/2022 organized by HRDC GGV, Bilaspur.
15. Participated a workshop on NEP 2020 Internationalization of higher education, on 30/6/2022 organized by HRDC GGV, Bilaspur.
16. National webinar on Multivalent vaccines against corona virus technology and development strategies organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya Bilaspur on 2 March 2022.
17. Participated a workshop entitle Engineering Materials Design and Simulations from 15/02/2023 to 17/02/2023 conducted online by Department of Applied Science, NITTTR Chandigarh.
18. Participated a workshop entitle “ Standardization and quality control of herbal drugs on 31 Jan 2023 by School of pharmacy Chouksey Group of Colleges.
19. Participated a workshop entitle Adverse drug reporting: A step towards on 11 October 2023 by Shri Krishna University, Chhaterpur, MP.
20. Participated a I virtual lecture series IIYML series 2023 entitle Inspiring and igniting young minds to lerarn on 27 May 2023 Organized by LCIT school of Pharmacy.
21. Participated a national seminar on Impact of Modern Lifestyle on Sexual and Reproductive Health organized by Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur, Chhattisgarh,Under the auspices of Indian Society for the Study of Reproduction and Fertility (ISSRF) on 29 - 30 NOVEMBER, 2023.
22. Participated a workshop entitle Career in intellectual property right organized by Nalsar University on 18-20 Dec 2023.
23. Participated NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Pt. Ravishankar Shukla University, Raipur, (C.G.) from 15.02.2024 to 24.02.2024.
24. Participated NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grant Commission (UGC) organized by UGC- MMTTC, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) from 04-03-2024 to 13-03-2024.
25. Participated national workshop on Development of advanced drug delivery systems on 22 march 2024 organized by Department of Pharmacy and Technology enabling centre GGV, Bilaspur, CG.
26. Participated awareness session on Research methodology held by Endeavour exploration LLp on 8th Dec 2024.