

BIODATA



Centre/School/Special Centre: School of Natural Resources

Department: Pharmacy

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Mrs. Meenakshi Jaiswal

Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)- 495009

Designation	Assistant Professor (Selection Grade/ AGP 8000)
Qualification	M. Pharm., Ph.D. (submitted)
Specialization	Pharmaceutical chemistry
Teaching Experience	18 Years
Papers in Research Journals	07 (National and International)
Papers in Conferences/ Seminars	56 (National and International)
Books Published	02
Book Chapters Published	03
Patent Application Filed	01 (Indian patent,published), 3 indian patent ready for published
M. Pharm. Guided	03
M. Pharm. Guidance	01 (Ongoing)
Training Courses	12 (STTP, STC,SDP,E FDP Orientation, Refresher)

Research Papers published in Journals

S.No.	Title With Page Nos.	Journal	ISSN/ ISBN No.
1.	QSAR Analysis of 5,6, Dihydro-4-Hydroxy-2-Pyrone Analogues;Hiv-1 Protease Inhibitors,Vol.19,Number-5(2007), 4110-4112	Asian Journal of Chemistry Vol.19, Number-5(2007), 4110-4112	0970-7077
2.	Fabrication and Evaluations Of Dual Crosslinked Mesalamine Containing Pectin-Chitosan Gel Micro Beads For Controlled And Targeted Colon Delivery, 2018; 11(11): 4797-4804.	Research J. Pharm. And Tech. 11(11): November 2018	0974-3618 0974-360x
3.	A critical review on colon targeted drug delivery systems for management of inflammatory bowel disease, Vol. 10(3): 985-992.	International Journal of Pharmaceutical Science and Research (IJPSR), 2019; Vol. 10(3): 985-992.,2019	E-ISSN: 0975- 8232; P-ISSN: 2320-5148
4	Microwave assisted synthesis of pyrimidinethione derivatives	Journal of Pharmacology and Biomedicine, 1(4):115-118) ,2017	ISSN 2456-8244
5.	Bioavaibility enhancement of curcumin via esterification processes: A review	European journal of medicinal chemistryrep	2772-4174/2022
6.	Synthesis of some curcumin derivatives of non steroidal antiinflammatory prodrugs for treatment of inflammatory bowel diseases .	Research J. Pharm. And Tech. 16(6), June 2023	0974-3618 (print) 0974-360X(online)
7.	Development abd characterization of dual crosslinked microbeads for colon specific targeting; release kinetics modelling and gamma scintigraphy studies.	Asian Journal of Pharamceutics (AJP) Accepted Oct 2022	Accepted

Paper presented in Conferences/ Seminars

S. No	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether international/ national / state/ regional / college

				or universit y level
1.	QSAR analysis of 5,6, dihydro-4-hydroxy-2-pyrone analogues;HIV-1 protease inhibitors	56 th Indian pharmaceutical congress .3-5 December 2004	Science city convention centre J.B.S. Halden Avenue ,Kolkata	National
2.	Anti-fungal and anti-bacterial activities of ethanol extracts of selected traditional Chinese medicinal herbs.	Recent Trends in Herbal Therapy March 27-28 th , 2006.	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, (CG)	National
3.	Status of Novel Drug Delivery Technology for Phytotherapeutics.	13 th APTI Annual National Convention October 3-4 th , 2008.	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National
4.	Multiparticulate systems containing 5-aminosalicylic acid for the treatment of inflammatory bowel disease.	Advances in drug discovery and development, January 18-19,2008	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National
5.	Development and validation of HPTLC method for determination of angelica sinensis in herbal extract and in herbal gel.	Standardization of herbal formulations a holistic goal Feb 25-26, 2012	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National
6.	Anti-allergic drug discovery in China for eczema: current methods and future strategies.A Review	Recent trends in chemical research “challenges ahead” Mar 30-31, 2012	Dept of Chemistry and applied chemistry, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National

7.	Development and validation of HPTLC methods for determination of glycyrrhizine in herbal extracts and in herbal gel	Recent trends in drug discovery and research, Sept 30, 2012	AKS University, Satna (MP)	National
8.	Matrix-Loaded Biodegradable Gelatin Nanoparticles As New Approach To Improve Drug Loading And Delivery	Nano biotechnology and emerging future technology for nanomedicines , 13-14 April, 2013	Guru Ramdas Khalsa Institute of Sciences and technology, Pharmacy, Jabalpur (MP)	National
9.	Oral herbal medicines for psoriasis	Emerging trends and applications of herbal technology, Aug 10-11, 2013	AKS University, Satna (MP)	National
10	Natural products as starting points for future anti-malarial therapies	Emerging trends and innovations in drug delivery in pharmaceutical sciences, Oct 20, 2013	Columbia Institute of Pharmacy, Raipur (C.G.)	National
11	Effect of calcium concentration, hardening agent and drying condition on release characteristics of oral proteins from calcium pectinate gel beads	Investigation of ethnomedical plants used by ethnic group of Chhattisgarh, 19-20 Oct,	Columbia Institute of Pharmacy, Raipur (C.G.)	National

		2013		
12	Computational approaches in Drug Discovery and Research	Current trends on pharmaceutical technology and drug design, Sept 22, 2013	Sagar Institute of Pharmaceutical Sciences, Sagar	National
13	Reverse pharmacology of a polyherbal siddha formulation pancha deepakkini choornam.	Advances in molecular pharmaceutics , nanomedicines , nanobiotechnology and research, Mar 17, 2013	Columbia Institute of Pharmacy, Raipur (C.G.)	National
14	Effect of calcium concentration, hardening agent and drying condition on release characteristics of oral proteins from sodium pectinate gel beads	Nanotechnology past present and future trends, Nov 8, 2014	Shri shankracharya technical campus, Bhilai (C.G.)	National
15	Status of novel drug delivery technology for phytotherapeutics	Recent advances in novel drug delivery systems for herbal formulations, Sep 26-27, 2014	School of pharmacy, Chouksey engineering college, Bilaspur (C.G.)	National
16	Cannabinoid receptors: targets for future Therapeutics	Emerging trends in drug research and development, Aug 23, 2014	LNCT college of Pharmacy, Bhopal (M.P.)	National
17	Colon specific prodrugs of 4-aminosalicylic acid for inflammatory bowel diseases	Novel drug delivery strategies a changing and challenging global	Guru Ramdas Khalsa Institute of Sciences and technology, Pharmacy, Jabalpur (MP)	National

		scenario, Nov 15, 2014		
18	Evaluation of antioxidant potential and qualitative analysis of major polyphenols by RP HPLC in <i>Luffa acutangula</i> var. <i>Amara roxb. pericarp</i> extracts	Elementary and advanced approaches in pharmacology, 27-28 Sep, 2014	School of pharmacy, Chouksey engineering college, Bilaspur (C.G.)	National
19	Computational chemistry in drug discovery	Ethnomedicines and new drug discovery opportunities and challenges, April 10-11, 2015	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National
20	Drug discovery and development: how are drugs discovered and developed?	Selection and consequence of cell lines as invitro model to accelerate research and development, April 24, 2015	Shri Shankracharya technical campus, Bhilai (C.G.)	National
21	Role Of Pueraria Tuberosa DC Extract On Androgenesis And Sexual Behavior	Emerging trends in drug research and development, Mar 14, 2015	LNCT college of Pharmacy, Bhopal (M.P.)	National
22	Intratracheal cell transfer demonstrate the profibrotic potential of resident fibroblast in pulmonary fibrosis	Recent trends in green therapies for diseases prevalent in Chhattisgarh state, Oct 16-17, 2015	Rawatpura Sarkar institute of pharmacy, Durg (C.G.)	National
23	In vitro immunomodulatory effects of sulphasalazine and its metabolites	First annual central zone national conference, Aug 21-22,	AKS University, Satna (MP)	National

		2015		
24	Matrix-Loaded Biodegradable Gelatin Nanoparticles As New Approach To Improve Drug Loading And Delivery	Traditional knowledge and biodiversity of Chhattisgarh, March 4-5, 2016	Royal college of pharmacy, Raipur (C.G.)	National
25	Needle free injection technology and its significances world wide	Bridging gap between academic and pharmaceutical industry, March 05-06, 2016	Columbia Institute of Pharmacy, Raipur (C.G.)	National
26	The pathogenetic effects of natural and bacterial toxins on atopic dermatitis.	Frontier research in natural products opportunities and challenges, 03-04 February-2017	AKS University, Satna (MP)	national
27	Recent advances in herbal medicines treating Parkinson's disease	Recent advances in novel drug delivery system for herbal formulations against neurodegenerative diseases.17-18 February,2017	School of pharmaceutical Sciences, Shiksha 'O' Anushandhan university	National
28	Novel targeted therapies used in treatment of differentiated thyroid cancers	National seminar on radiopharmaceuticals in healthcare systems: quality, safety and regulatory aspects.10	Department of science and technology,AKS University,Satna (M.P).	National

		February 2018		
29	Pharmacological potential of saffron its bioactive components of metabolic Syndrome:current status and prospective	Ethno medicines-a source of complementary and alternative medicine for navigating the future in therapeutics.23 February 2018	School Pharmacy, Chauksey Engineering College,Bilaspur C.G.	National
30	Synthesis of nanoparticle of mesalamine by using craft polymer of Polyurethane- Chitosan.	Emerging Trends in drug discovery, Pharmaceutica l science and Biomedical Research,17-18 March 2018	Department of Pharmacy, Indira Gandhi National Tribal University, Amarkantak,M.P.	National
31	Mesalamine loaded oral colon specific micro-particles: Preparation and characterizations for targeting to colonic inflammatory bowel disease	International conferences on Engineering, science and technology: ideas, innovations and initiatives26-27 October 2018	School Pharmacy,Chouksey Engineering College,Bilaspur,CG	International conference
32	In vitro release studies of diclofenac sodium from alginate chitosan based matrixed hydrogel beads system.	International conferences on emerging researches in biosciences28-30 October 2018	Department of Zoology, GuruGhasidas Central University,Bilaspur,CG	International conferences
33	Guargum succinate sodium alginate microbeads as a ph	international conferences	University Institute of Pharmacy,Pt., Ravishankar	International

.	sensitive carrier for colon drug delivery.	on fostering interdisciplinary researches in medicines, 19-21 January 2019	Shukla University,Raipur,CG	conferences
34.	Ethnomedicinal Plants of Chhattisgarh: Future Antibiotic DrugCandidates”.	National seminar on traditional medicines and modern drug research for better health care. 08 March 2019	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)	National seminar
35.	“Fabrication and Evaluation of Mesalamine Multiparticulate for Colon Targeted Drug Delivery System	Emerging trends and innovations in pharmaceutical nanotechnology and nanomedicines ,16-17 March-2019	Chamelidevi Institute of Pharmacy, Khandwa Road, Indore (M.P.)	National seminar
36.	Formulation development and evaluations of polyelectrolyte complex based dual crosslinked multiparticulate systems for colon targeting”.	Recent advances in Pharmacovigilance in drug discovery and development, 12-April 2019	Dept. of Pharm. Sci. & Technology, AKS University, Satna (M.P.)	National Conference
37.	Role Of Imaging In The Assessment Of Age Estimation	National workshop on exploration of importance of forensic techniques by hands on training to the benefits of society, 15-19 October 2019	Department of forensic science Guru Ghasidas Vishwavidyalaya , Bilaspur,C.G.	National Workshop

38	Intellectual property facets of plant Alterations.	Intellectual property rights,31 January-2020	Oriental College Of Pharmacy,Bhopal,M.P.	National Seminar
39	Nonsteroidal antiinflammatory drugs and exacerbations of inflammatory bowl disease.	International Conference:- Integrating Pharmaceutica I Branch Of Sciences For Technology With other health managemen, 01-02 February-2020	Columbia Institute Of Pharmacy,Raipur,C.G.,	Internati onal Confere nce
40	The role of the health expert in nuclear safety	National seminar-recent development and future challanges of nuclear sciences in healthcare sector,15 February 2020	Royal College Of Pharmacy,Raipur,C.G.,	National Seminar
41	Synthesis of some curcumin non steroidal antiinflammatory prodrug for treatment of inflammatory bowl disease	International conference-nurturing innovations in healthcare research-discovering new verticals, 28-29 February 2020	Dept. of Pharm. Sci. & Technology, AKS University, Satna (M.P.)	Internati onal Confere nce
42	Systematic review on acetaminophen and non 10nti-infl	International conference-	Dept. of Pharm. Sci. & Technology,	Internati onal

	11nti-inflammatory drugs and risk of crohns disease and ulcerative colitis	nurturing innovations in healthcare research- discovering new verticals 28-29 February 2020	AKS University, Satna (M.P.)	Confere nce
43	Nonsteroidal anti-inflammatory drugs and acetaminophen ameliorate muscular mechanical hyperalgesia developed after lengthening contractions via cyclooxygenase-2 independent mechanisms in rats.	International Conference- 2020,New Horizon Of Health Science,04-05 March 2020	School Of Pharmacy, Chouksey Engineering College, Bilaspur ,C.G.	Internati onal Confere nce
44	. Online National workshop in structural Bioinformatics” In-Silico Techniques in Drug Designing” jointly organized by SubDIC,department of Biotechnology,Barkatullah,Univ ersity,Bhopal,M.P. held on 27-29 May,2020.	Online National work in structural Bioinformatics ” In-Silico Techniques in Drug Designing” shop” 27-29 May,2020.	Department Of Biotechnology,Barkatullah, University,Bhopal	National Worksho p
45	National web conference on “ responsibility, opportunities and possibilities in pharmaceuticals in the current Scenario of covid-19” organized by- Sagar Institute of Research Technology and Sciences- Pharmacy, Bhopal on 30 May-2020.	Responsibility, opportunities and possibilities in pharmaceutica ls in the current Scenario of covid-19. 30 May-2020.	Sagar Institute of Research Technology and Sciences- Pharmacy, Bhopal on 30 May-2020.	National web conferen ce
46	National Webinar on “ Scientific Insight into Yoga and Mindfulness: Destress using Breath, organized by Department of Pharmaceutical Science AND technology, AKS University, Satna, M.P. held on 30 June -2020.	National Webinar on”Scientific Insight into Yoga and Mindfulness: Destress using Breath, 30 June -2020.	Department of Pharmaceutical Science AND technology, AKS University, Satna, M.P. held on 30 June -2020.	National webinar

47	National webinar Series and Online Quiz contest on “ self reliant India: Golden Opportunity in Pharma Sector	National webinar Series and Online Quiz contest on “ self reliant India: Golden Opportunity in Pharma Sector: 03-08 June 2020.	National webinar Series and Online Quiz contest on “ self reliant India: Golden Opportunity in Pharma Sector: hosted by Mittal Institute of Pharmacy, Bhopal, held on 03-08 June 2020	National webinar
48	International Webinar on “ Exploring COvid-19 challenges in herbal and natural Products”	International Webinar on “ Exploring COvid-19 challenges in herbal and natural Products ,22 May 2020	International Webinar on “ Exploring COvid-19 challenges in herbal and natural Products” organized by PRISAL Foundation in association with Ideal Inst. of Pharmacy ,Wada, Palghar, Maharashtra. date:-22 May 2020	International Webinar
49	.International webinar on: herbal Remedies for Boosting Immunity and Ameliorate stress in Present Scenario	International webinar on: herbal Remedies for Boosting Immunity and Ameliorate stress in Present Scenario” Date:-17 July 2020	School of Pharmacy, Chauksey Engineering College, Bilaspur, C.G. Date:-17 July 2020	International Webinar
50	International Webinar on Applications of Computational Biology and chemistry	International Webinar on Applications of Computational Biology and chemistry “held on 26 May-2020,	Department Of Pharmacy, Indira Gandhi Tribal University, Amarkantak,M.P. 26 May-2020,	International Webinar
51	Swelling studies and in vitro release of Ibuprofen from Clacium alginate and calcium alginate	International Conference International	Amity Institute of Pharmacy, Amity University Madhya Pradesh, Gwalior	International Confere

	chitosan beads.	conference on Recent trends in chemical biology and drug discovery held on 8 and 9 September 2021	on 8 and 9 September ,2021.	nce
52	National Workshop on Computational intelligence and blockchain Technology (CIBT-21)Held On 4-8 October 2021	National Workshop held on 4-8 October 2021	National Institute Of Technology,Raipur,India. 4-8 October 2021	National Worksho p
53	Formulation development and characterization of biodegradable polysaccharides prodrug of mesalamine as potential colon specific drug delivery systems.	International Conference on Advances in Pharmaceutica l and Health Sciences (APHS 2021) during 7 to 8 October 2021.	KIET School of Pharmacy, KIET Group of Institutions, Delhi-NCR, Ghaziabad in Colloboration with CSIR Indian Institute of Toxicological Resaerch Lucknow,India. 07-08 October 2021	Internati onal Confere nce
54	In vitro characterization of double crosslinlknked beads.	Natioanal Symposium on Covid 19 Pandemic : Impact on Global Nuclear Medicine and Radiopharama ceuticals. Conducted on 12 March 2022	Chameli Devi Institute of Pharmacy,Indore, BRNS Sponsored	Natioanal Symposi um
55	Fabrications and characterization of dual cross linked beads for colon targeting”	International Conferences on Herbal Immune Booster:A Breakthrough in pandemic era of corona. Held on 13 April 2022.	Shriram College of Pharmacy, AICTE Sponsored	Internati onal Confere nces

56	National workshop on Skill Development and entrepreneurship.....herbal products held on 25 November 2022	National Workshop on 25 November 2022	Department of Pharmacy,GGU,Bilaspur,CG.	National Workshop
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Books published with international publisher (peer reviewed)

S. No.	Title	Book Name
01	Current Overview on Colon Specific Drug Delivery Meenakshi Jaiswal and S. K. Lanjhiyana DOI: 10.9734/bpi/mono/978-93-5547-993-8 Print ISBN: 978-93-5547-993-8, eBook ISBN: 978-93-5547-994-5	Current Overview on Colon Specific Drug Delivery; First Edition 2022
02	Technology Innovations in Colon Targeted Drug Delivery Systems Meenakshi Jaiswal and S. K. Lanjhiyana DOI: 10.9734/bpi/mono/978-93-5547-995-2 Print ISBN: 978-93-5547-995-2, eBook ISBN: 978-93-5547-996-9	Technology Innovations in Colon Targeted Drug Delivery Systems; First Edition 2022

Book chapters published with international publisher (peer reviewed)

S. No.	Title	Book Name
01	Chapter 10 In vivo Models of Chemically Induced Colitis for Inflammatory Bowel Diseases: An Overview Meenakshi Jaiswal, Nidhi Agrawal, Yogendra Kumar and S. K. Lanjhiyana DOI: 10.9734/bpi/capr/v10/4802A (Print ISBN: 978-81-959585-6-6, eBook ISBN: 978-81-959585-0-4)	Challenges and Advances in Pharmaceutical Research Vol. 10
02	Chapter ---- An Overview on Non Steroidal Anti Inflammatory Drugs and Prodrug Concept Meenakshi Jaiswal, Nidhi Agrawal, Yogendra Kumar and S.K. Lanjhiyana DOI:	Accepted Current Overview on Pharmaceutical Research manuscript number 2022/BP/4820A
03	Chapter ---- A review study on screening of non-steroidal anti-inflammatory drug using experimental animal models for inflammatory diseases Nidhi Agrawal, Meenakshi Jaiswal and S.K. Lanjhiyana DOI:	Accepted Current Overview on Pharmaceutical Research manuscript number 2022/BP/4851A

Training/ Courses

S.No.	Programme	Duration	Organized by
1.	Staff Development Programme on “Global Trends in Novel Therapeutic and Drug Regulatory Affairs”,	June 18-30 th , 2007	College of Pharmacy, IPS Academy, Indore (MP)
2.	Quality Improvement Programme on “Preformulation Investigation and their Rationale in Systematic Development of Drug Delivery System”,	May 17-30 th , 2007.	Department of Pharmaceutical Sciences, BIT, Mesra, Ranchi.
3.	Faculty Development Programme	February 08-20 th , 2010	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)
4.	Refresher Course on Methodology in social science & pure and applied sciences (interdisciplinary)	Nov 18, 2015 to Dec 09, 2015	HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)
5.	Refresher Course on Environment forestry and disaster management (interdisciplinary)	Jan 21, 2016 to Feb 11, 2016	HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)
6.	Orientation Programme	Nov 26, 2012 to Dec 22, 2012	Guru Ghasidas Vishwavidyalaya, Bilaspur (CG),
7.	E-Faculty Development Programme	25-30 May-2020	IPES and school of Pharmacy and IQAC of Arka Jain University, Jharkhand
8.	E-Faculty Development Programme	26-29 of May 2020	APTI, Odisha
9.	E-Faculty Development Programme	01-05 June 2020	B.R. Nahata College of Pharmacy, Mandasaur and MPCST, Bhopal
8.	E-Faculty Development Programme	05-07 June-2020	RGPV, Under TEQIP-III in association with IIST, Indore, M.P.
9.	E-Faculty Development Programme	18-20 June-2020	SIRTS-P, Bhopal, M.P. And APTI

10.	E-Faculty Programme	Development	06-11 July-2020	Bhimavaram in association with APTI
11.	E-Faculty Programme	Development	16/08/2021 to 20/08/2021.	The National Institute of Engineering,,AICTE Training And Learning (ATAL) Academy
12.	E-Faculty Programme	Development	06/09/2021 to 10/09/2021	.AICTE Training And Learning (ATAL) Academy,Department of Pharmacy, Central University of Rajasthan

Invited Lectures and Chairmanships at national or international conference/ seminar:-

S. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar etc	Organised by	Whether international/ national
1.	Delivered the lecture on Entrepreneurship awareness programme on "Pharmaceutical Entrepreneurship : Opportunities and Challenges"	Entrepreneurship awareness programme December 3-5 th 2009.	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, (CG)	National
2.	Delivered a talk on Multiparticulate systems containing 5-aminosalicylic acid for the treatment of inflammatory bowel disease.	Advances in drug discovery and development, January 18-19,2008	SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur ,(CG)	National
3.	Delivered a lecture on environmental pharmacovigilence in drug discovery and development	Recents advances in Pharmacovigilence in drug discovery and development, 12-April 2019	Dept. of Pharm. Sci. & Technology, AKS University, Satna (M.P.)	National

Administrative Responsibilities

Institutional Level: Admission Scrutiny Committee, B Pharm Admission Counseling Committee, D Pharm Admission Counseling Committee, Library Committee, Sessional Exam Committee, Board of Study Member, Main Exam Committee, Departmental AICTE Committee, Academic Head of B Pharm Class. Mentor of B Pharm Class. Lab incharge. Instrumentation lab incharge committee, Girls hostel Allotment incharge.. sports cultural committee, medicinal plant garden member. Participated in organization of conference, seminars, workshops, alumni meet committee etc.

University Level: Adhoc Appointment Committee, , flying scot, Observer, election, invigilation, VET, library in charge, medicinal plant garden member. Participated in committees for student welfare, counseling and discipline

Professional Membership

Membership in professional related committees at national level APTI, CG-Pharmacy Council



(Mrs. MEENAKSHI JAISWAL)