

## BIODATA



**Centre/School/Special Centre: School of Natural Resources**

**Department: Pharmacy**

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<https://www.ggu.ac.in/Admin/Files/Resume/BIODAT>

**Mrs. Meenakshi Jaiswal**

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

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| <b>Designation</b>                     | <b>Assistant Professor (Selection Grade/ AGP 8000)</b>                                    |
| <b>Qualification</b>                   | <b>M. Pharm., Ph.D. (submitted)</b>   |
| <b>Specialization</b>                  | <b>Pharmaceutical chemistry</b>   |
| <b>Teaching Experience</b>             | <b>18 Years</b>   |
| <b>Papers in Research Journals</b>     | <b>07 (National and International)</b>  |
| <b>Papers in Conferences/ Seminars</b> | <b>60 (National and International)</b>  |
| <b>Books Published</b>                 | <b>02</b>   |
| <b>Book Chapters Published</b>         | <b>03</b>   |
| <b>Patent Application Filed</b>        | <b>06 (Indian patent,published), 2 Indian patent and 1 German patent ready for GRANT.</b> |
| <b>M. Pharm. Guided</b>                | <b>03</b>   |
| <b>M. Pharm. Guidance</b>              | <b>01 (Ongoing)</b>   |
| <b>Training Courses</b>                | <b>12 (STTP, STC,SDP,E FDP Orientation, Refresher)</b>                                    |

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### Research Papers published in Journals

| S.No. | Title With Page Nos.   | Journal  | ISSN/<br>ISBN<br>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<br>Vol.19,<br>Number-5(2007),<br>4110-4112  | 0970-7077<br>Peer reviewed,<br>referred &<br>indexed<br>(Impact factor-0.535)                            |
| 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.<br>And Tech. 11(11):<br>November 2018   | 0974-3618<br>0974-360x<br>Peer reviewed,<br>referred &<br>indexed  |
| 3.    | A critical review on colon targeted drug delivery systems for management of inflammatory bowel disease, Vol. 10(3): 985-992.   | International Journal<br>of<br>Pharmaceutical<br>Science<br>and Research<br>(IJPSR), 2019;<br>Vol. 10(3):<br>985-992.,2019 | E-ISSN: 0975-<br>8232; P-ISSN:<br>2320-5148<br>Peer reviewed,<br>referred &<br>indexed                   |
| 4     | Microwave assisted synthesis of pyrimidinethione derivatives   | Journal of Pharmacology and Biomedicine<br>1(4):115-118) ,2017   | ISSN<br>2456-8244,<br>Peer reviewed,<br>referred &<br>indexed<br>(impact factor-3.209)                   |
| 5.    | Bioavaibility enhancement of curcumin via esterification processes: A review   | European journal of medicinal chemistry<br>reports   | 2772-4174/2022   |
| 6.    | Synthesis of some curcumin derivatives of non steroidal antiinflammatory prodrugs for treatment of inflammatory bowel diseases .   | Research J. Pharm.<br>And Tech. 16(6),<br>June 2023  | 0974-3618 (print)<br>0974-360X(online)<br>Peer reviewed,<br>referred &<br>indexed                        |
| 7.    | Development abd characterization of dual crosslinked microbeads for colon specific targeting; release kinetics modelling and gamma scintigraphy studies.                   | Asian Journal of Pharamceutics (AJP)   | ISSN : 1998-409X<br>Peer reviewed,<br>referred &<br>indexed (Impact<br>0.460)<br>Oct-DEC 2022, 16 (4)585 |

### Patent Published and Granted

| S.No | Title  | Filed (Patent Application Number)        | Type of Patent | Status    | Inventors Name   |
|------|--|--|----------------|-----------|--|
| 1.   | . Analysis of polymer based drug delivery systems for anticancer drugs   | 202341006161A(10/02/2023 published date) | Indian patent  | Published | Dr RE Ugandar, Dr Jaidev Kumar, Mr Praneta Ravinder Desale, <b>Mrs Meenakshi Jaiswal</b> , Pawan Kumar Muralkar, Shiv Kumar Prjapati, Dr Mukesh Kumar Meena, Umesh Chimlagi, Pushpendra Kumar Kurrey, Dr Darshanam Vijay Kumar, Shmmon Ahmed |
| 2.   | . Medical internet of things based breast cancer diagnosis using by detecting lesion in medical image through multimodel                     | 202321005204 A (10/02/23)                | Indian patent  | Published | Jhakeshwar Prasad, <b>Meenakshi Jaiswal</b> , Taranjeet Kulkejja, Prof Swarlata Saraf, Chanchal Badhai, Sareta Gaikwad, Chandrika Ahirwal, Ritika Singh, Yogendra Kumar, Umesh K Nagtode, Rinki Verma, Tripti Nauranje                       |
| 3.   | <b>Implementatin of novel techniques for non rigid image registration for high dose rate brachy therapy in interfraction survical cancer</b> | <b>202241077044 A (06.01.23)</b>         | Indian patent  | Published | MK Velsa Kumari, Sudarshan Nagrle <b>Mrs Meenakshi Jaiswal</b> , Mrs Shelina Jiwa, R Thenmozhimanive I, Rakesh Swain, Keshav Kumar K, Ankit Singh Shekwat, Mohammad Asif Shah, Satyabratta Jena, Saroj Kumar Raul, Dr A Shashi Kumar.        |

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|    |   |                                   |               |           |   |
| 4. | <b>Implementation of advanced theranostics for the central nervous system and neurological disorders using functional nano material</b> | <b>202231075449 A (13.01.23)</b>  | Indian patent | Published | Mr Ashwani Kumar Sethi, Mr Barun Kumar, <b>Mrs Meenakshi Jaiswal</b> , Dr Kiran Dayaram Patil, Satyabrata Jena, Dr S Raja Sudarshan, Dr Sumanta Bhattacharya, Ajay Singh Sarthi, Ishwri Choudhary, Swarnlata Saraf, Shailendra Saraf, Preeti K Suresh |
| 5. | <b>Herbal composition for inflammatory disorders</b>  | <b>202211070193 A (16.12.22)</b>  | Indian patent | Published | Girendra Kumar Gautam, Deemak Chand Sahu, Akshita Singhwal, <b>Meenakshi Jaiswal</b> , Saptarishi Das, Yogesh Pounikar, Prashant Singh, Santosh Singh Bhadoriya, Anita Patel, Niharika Thakur, Nidhi Agrawal, Kranti Sahu                             |
| 6. | <b>Targeting tumor microenvironment with nanoparticle based drug delivery systems for cancer immunotherapy resistance.</b>              | <b>202341003008 A(17/02/2023)</b> | Indian patent | Published | Subha Ranjan Das, Dr. G. Venkata Subbaiah, <b>Mrs Meenakshi Jaiswal</b> , Keshav Kumar K, Irumjahan Nazir Khan, Sneha Dilip Tipugade, Dr K Nithya, Anant Sanjay Rao Deshpande, Pushpendra Kumar Kurre   |

**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 university level |
|-------|--|---|---|---|
| 1.    | QSAR analysis of 5,6, dihydro-4-hydroxy-2-pyrone analogues;HIV-1 protease inhibitors                                   | 56 <sup>th</sup> 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<br>March 27-28 <sup>th</sup> , 2006.                  | SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, (CG) | National  |
| 3.    | Status of Novel Drug Delivery Technology for Phytotherapeutics.  | 13 <sup>th</sup> APTI Annual National Convention<br>October 3-4 <sup>th</sup> , 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<br>Feb 25-26, 2012             | SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)  | National  |
| 6.    | Anti-allergic drug discovery in China  | Recent trends   | Dept of Chemistry and   | National  |

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|-----|--|---|--|----------|
|     | for eczema: current methods and future strategies.A Review   | in chemical research<br>"challenges ahead" Mar 30-31, 2012                                | applied chemistry, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)                  |          |
| 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 ethnomedicinal plants used by ethnic group of Chhattisgarh,              | Columbia Institute of Pharmacy, Raipur (C.G.)                                    | National |

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|-----|---|--|--|----------|
|     |   | 19-20 Oct, 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 scenario, Nov 15, 2014          | Guru Ramdas Khalsa Institute of Sciences and technology, Pharmacy, Jabalpur (MP) | National |

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|-----|---|---|--|----------|
| 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 immunomodulators effects of sulphasalazine and its metabolites   | First annual central zone national conference, Aug 21-22, 2015  | AKS University, Satna (MP)   | National |
| 24. | Matrix-Loaded Biodegradable Gelatin Nanoparticles As New Approach To Improve Drug Loading   | Traditional knowledge and biodiversity of   | Royal college of pharmacy, Raipur (C.G.)   | National |



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|-----|--|--|---|----------|
|     | And Delivery   | Chhattisgarh,<br>March 4-5,<br>2016  |   |          |
| 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. | Noval targeted therapies used in treatment of differentiated thyroid cancers                           | National seminar on radiopharmaceuticals in healthcare systems: quality, safety and regulatory aspects.10 February 2018      | Department of science and technology,AKS University,Satna (M.P).      | National |
| 29. | Pharmacological potential of saffron its bioactive components of metabolic Syndrome:current status and | Ethno medicines-a source of complementary and alternative medicine for   | School Pharmacy, Chauksey Engineering College,Bilaspur C.G.           | National |

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|     | prospective  | navigating the future in therapeutics.23 February 2018   |   |                           |
| 30. | Synthesis of nanoparticle of mesalamine by using craft polymer of Polyurethane- Chitosan.  | Emerging Trends in drug discovery, Pharmaceutical 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 of 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 sensitive carrier for colon drug delivery.  | international conferences on fostering interdisciplinary researches in medicines, 19-21 January 2019                   | University Institute of Pharmacy,Pt., Ravishankar Shukla University,Raipur,CG     | International conferences |
| 34. | Ethnomedicinal Plants of Chhattisgarh: Future Antibiotic   | National seminar on traditional  | SLT Institute ofPharmaceutical Sciences, Guru Ghasidas                            | National seminar          |

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|-----|--|---|--|---------------------|
|     | DrugCandidates”.   | medicines and modern drug research for better health care. 08 March 2019  | Vishwavidyalaya, Bilaspur (CG)   |                     |
| 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,<br>Khandwa Road,<br>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,<br>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   | International Conference:-  | Columbia Institute Of  | International       |

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|     | inflammatory bowel disease.  | Integrating Pharmaceutical Branch Of Sciences For Technology With other health managemen, 01-02 February-2020        | Pharmacy,Raipur,C.G.,  | Conferen ce                |
| 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,<br>AKS University, Satna (M.P.) | Internati onal Conferen ce |
| 42. | Systematic review on acetaminophen and non 12nti-infl 12nti-inflammatory drugs and risk of crohns disease and ulcerative colitis | International conference-nurturing innovations in healthcare research-discovering new verticals 28-29 February 2020  | Dept. of Pharm. Sci. & Technology,<br>AKS University, Satna (M.P.) | Internati onal Conferen ce |
| 43. | Nonsteroidal anti-inflammatory drugs and acetaminophen ameliorate muscular mechanical hyperalgesia developed after               | International Conference-2020,New Horizon Of   | School Of Pharmacy, Chouksey Engineering College, Bilaspur ,C.G.   | Internati onal Conferen ce |

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|-----|---|--|---|-------------------------|
|     | lengthening contractions via cyclooxygenase-2 independent mechanisms in rats.   | Health Science,04-05 March 2020  |   |                         |
| 44. | . Online National workshop in structural Bioinformatics” In-Silico Techniques in Drug Designing” jointly organized by SubDIC,department of Biotechnology,Barkatullah,University,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 Workshop       |
| 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 pharmaceuticals 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 conference |
| 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   | International Webinar on “ Exploring   | International Webinar on “ Exploring COvid-19 challenges in herbal and  | Internati onl           |

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|     | herbal and natural Products”  | COvid-19 challenges in herbal and natural Products ,22 May 2020  | natural Products” organized by PRISAL Foundation in association with Ideal Inst. of Pharmacy ,Wada, Palghar, Maharashtra. date:-22 May 2020 | 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”<br>Date:-17 July 2020         | School of Pharmacy, Chauksey Engineering College, Bilaspur, C.G. Date:-17 July 2020   | Internati onl 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,   | Internati onl Webinar      |
| 51  | Swelling studies and in vitro release of Ibuprofen from Clacium alginate and calcium alginate chitosan beads. | International Conference International conference on Recent trends in chemical biology and drug discovery held on 8 and 9 September 2021 | Amity Institute of Pharmacy, Amity University Madhya Pradesh, Gwalior on 8 and 9 September ,2021.   | Internati onal Conferen ce |
| 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         |

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|-----|--|---|--|-----------------------------|
| 53  | Formulation development and characterization of biodegradable polysaccharides prodrug of mesalamine as potential colon specific drug delivery systems. | International Conference on Advances in Pharmaceutical and Health Sciences (APHS 2021) during 7 to 8 October 2021.                  | KIET School of Pharmacy, KIET Group of Institutions, Delhi-NCR, Ghaziabad in Collaboration with CSIR Indian Institute of Toxicological Resaerch Lucknow,India.<br><br>07-08 October 2021 | Internati onal Conferen ce  |
| 54  | In vitro characterization of double crosslinnked beads.  | Nationoal Symposium on Covid 19 Pandemic : Impact on Global Nuclear Medicine and Radiopharamac euticals. Conducted on 12 March 2022 | Chameli Devi Institute of Pharmacy,Indore, BRNS Sponsored  | Nationoa l 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.<br><br>Held on 13 April 2022.          | Shriram College of Pharmacy, AICTE Sponsored   | Internati onal Conferen ces |
| 56  | National workshop on Skill Development and enterpreneurrship.....herbal products held on 25 November 2022  | National Workshop on 25 November 2022   | Department of Pharmacy,GGU,Bilaspur,CG.  | National Worksho p          |
| 57. | National workshop on standardization and quality control of herbals drugs  | National Workshop on 31 January   | School of Pharmacy, Chauksey Engineering College   | National Worksho p          |
| 58. | Syntheiss,Pharmacological Evaluation of Ketoprofen-Antioxidant mutual hybrids as gastrosparing NSAID: A Review   | National conference on Commercilizati on of Natural Products  | IFS College of Pharmacy,Moga<br><br>February 10-11 2023  | National conferen ce        |
| 59. | Colon Targeted Oral Drug Delivery  | International   | School of Pharmacy,  | Internati                   |

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|----|---|--|------------------------------|-------------------------------------|
|    | System (CDDS): A strategic Approach   | Conferences<br>16-17<br>December<br>2022   | Chauksey Engineering College | onal<br>Conferen<br>ces             |
| 60 | A Review on "Chitosan Oligosaccharide as Effective Cross-Linking Agent for Ca-Alginate Microparticles | SKICON 2023<br><br>International Conference on Recent Advances in Translation Research and Molecular Medicines<br><br>24-25 February | Skipper, Indore, M.P.        | Internati<br>onal<br>Conferen<br>ce |

#### Books published with international publisher (peer reviewed)

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

#### Book chapters published with international publisher (peer reviewed)

| S. No. | Title   | Book Name   |
|--------|---|---|
| 01     | Chapter 10<br>In vivo Models of Chemically Induced Colitis for Inflammatory Bowel Diseases: An Overview<br>Meenakshi Jaiswal, Nidhi Agrawal, Yogendra Kumar and S. K. Lanjhiyana<br>DOI: 10.9734/bpi/capr/v10/4802A<br>(Print ISBN: 978-81-959585-6-6, eBook ISBN: 978-81-959585-0-4) | Challenges and Advances in Pharmaceutical Research Vol. 10    |
| 02     | Chapter -4<br>An Overview on Non Steroidal Anti Inflammatory Drugs and Prodrug Concept  | Current Overview on Pharmaceutical Research manuscript number |



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|    | Meenakshi Jaiswal, Nidhi Agrawal, Yogendra Kumar and S.K. Lanjhiyana<br>DOI:10.9734/bpi/cops/v2/4851A<br>( Print ISBN : 978-81-961090-5-9-eBook ISBN 978-81-961090-3-5)  | 2022/BP/4820A  |
| 03 | Chapter ----<br>A review study on screening of non-steroidal anti-inflammatory drug using experimental animal models for inflammatory diseases<br>Nidhi Agrawal, Meenakshi Jaiswal and S.K. Lanjhiyana<br>DOI: | Accepted<br>Current Overview on<br>Pharmaceutical Research<br>manuscript number<br>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”,                                       | June18-30 <sup>th</sup> , 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 <sup>th</sup> , 2007.     | Department of Pharmaceutical Sciences, BIT, Mesra, Ranchi.                             |
| 3.    | Faculty Development Programme  | February 08-20 <sup>th</sup> , 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        | GuruGhasidas 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 Programme | Development | 26-29 of May 2020         | APTI,Odisha   |
| 9.  | E-Faculty Programme | Development | 01-05 June 2020           | B.R. Nahata College of Pharmacy, Mandsaur and MPCST,Bhopal  |
| 8.  | E-Faculty Programme | Development | 05-07 June-2020           | RGPV,Under TEQIP-III in association with IIST,Indore,M.P.   |
| 9.  | E-Faculty Programme | Development | 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 <sup>th</sup> 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                                       | Recent 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 Allotement 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)**