

## **Dr Anamika**

**Assistant Professor, Jawaharlal Nehru University**

**M. Pharm, Ph.D. (Pharmaceutics; Biomedical Waste Management)**

[anamikagulati@mail.jnu.ac.in](mailto:anamikagulati@mail.jnu.ac.in); [anamika1711@yahoo.co.in](mailto:anamika1711@yahoo.co.in)

**+91-9971010427**

### **Career Objective**

To be associated with a progressive organization that provides an opportunity to apply my knowledge and skills to keep abreast with latest trends and technologies. Also, I want to work in an environment conducive to the utilization of my true potential and be a part of a winning team.

### **Work Experience**

#### **Jawaharlal Nehru University: March 25, 2020 to present**

- Assistant Professor, Center for the Studies in Science Policy, School of Social Sciences, Jawaharlal Nehru University, New Delhi. Currently I am supervising four PhD scholars.
- **Book:** Artificial Intelligence and Machine Learning in Healthcare (2023). Edited by Dharmendra Kumar Yadav, Anamika Gulati. Published by Springer Singapore.
- Concurrent faculty at Special Center for Systems Medicine and School of Sanskrit and Indic Studies, JNU
- Associate Dean of Students at the University level
- Presiding Officer for Internal Complaint Committee 2024 Elections and JNU Student Union Elections 2024
- Anti-Ragging Squad Member at the University Level
- Member of Board of Studies of School of Social Sciences
- NAAC 2024 team member
- Member of Empowerment Committee of IPMC at JNU
- Organizing Committee Member for International Conference on Space Science and Technology November 20-21, 2024, Dubai UAE
- I was a Convenor and Innovation Ambassador of Institute's Innovation Council and Coordinator, National Innovation Startup Policy, Ministry of Education's Innovation Cell. As the convenor of IIC 3.0 at JNU, I have organized 12 events since Dec 2020 to promote the Innovation and Entrepreneurship Ecosystem within the campus.
- Editorial Board Member:

- Precision Medicine Research Journal
- Canadian Journal of Applied Pharmacy
- Nanoscience and Nanotechnology: Open Access
- Contributed towards the updates of Analysis in Science and Technology Policy Course and Intellectual Property Rights (IPR): A Foundation Course.
- Internal member in DRC committee of PhD students at the center and an external member for a PhD student at Centre for the Study of Social Exclusion and Inclusive Policy.
- Developed 5 new courses for B.Sc - M.Sc Ayurveda Biology Integrated Course: Ayurvedic Pharmacopeial Standards, Recent Scientific Development, Research Methodology, Science Communication, Therapeutic Modalities in Ayurveda.
- Proposed and successfully coordinated the First Short-Term course for faculty members on Innovation, Entrepreneurship and Start-ups through HRDC-JNU to UGC from Aug 23, 2021-Aug 28, 2021.
- Course coordinator for the 6<sup>th</sup> Refresher Course in Environmental Studies conducted by UGC-HRDC, JNU from Aug 22, 2022-Sep 03, 2022.
- Coordinated the pillar of Community Health and Preventive Care of Social Sciences Vertical of VAIBHAV Summit (Vaishwik Bharatiya Vaigyanik Summit; a global virtual summit of overseas and resident Indian Researchers and Academicians) organized by Defense Research and Development Organization (DRDO), Government of India.
- Editorial team member for the Annual Yoga Day Magazine – EKATMA (2021).
- University Hostel warden since Dec 2020
- Election Committee member for election of Teachers' representatives to the Executive Council of the University 2020
- University's Azadi ka Amrit Mahotsav committee Aug 2021.
- Subject expert for paper setting at National Testing Agency (NTA).

### **Sponsored Projects (Awarded)**

- International: **Scientific Research in Global South Countries to Promote Transfer of Weapons of Mass Destruction – Related Technologies: Indian Focus**; Funded by CRDF Global (U.S. Civilian Research and Development Foundation), 2022 – Completed – Jan 31, 2023 (PI)
- International: **Counter-proliferation of Weapons for mass-destruction – strategies against terrorism**; Funded by CRDF Global (U.S. Civilian Research and Development Foundation), 2023 – Completed – Oct 31, 2024 (PI)

- National: Editing and Proof Reading of Compendiums prepared by IGNCA; Funded by IGNCA, 2023 – Completed – April 30, 2024 (PI)
- National: **Optimal design of questionnaire survey on awareness of clinical trials among different stakeholders**; Funded by National Human Rights Commission (NHRC), India, 2022 – Ongoing (PI)

### **PhD Guidance**

- Awarded – 2 students (Payal Vidhuri - Health Services and Policies for Women Sanitation Workers in Delhi, 2008-2018; Deepak Indolia - Sensor Network Technology-based Precision Irrigation System: An Analysis Through Responsible Innovation Perspective)
- Topics of Ongoing Research are:
  - Role of ICT in shaping political participation in India: A case study of Uttar Pradesh
  - Digital Interventions for Mental Health: An Evaluation of effectiveness and user experiences
  - Assessing Indian Forensic Science Services and Infrastructure
  - Sensor Network Technology Based Precision Irrigation System (SNT-PIS) In India: An Analysis Through Responsible Innovation Perspective
  - Identification of Novel Diagnostic Markers for Chronic Obstructive Pulmonary Disease (COPD) through an Integrative Systems Medicine Approach and Assessment after Pulmonary Rehabilitation in Patients
  - Technology and Policy Landscape for Divyangjan in Delhi

### **Expert Scientific Writer - Novartis Healthcare Pvt. Ltd. (Pharmaceutical Organization): August 19, 2013 to Aug 31, 2018; Nov 26, 2018 to March 24, 2020**

I was a part of Oncology Scientific Writing team, Medical Communications at Novartis Healthcare Pvt. Ltd. as Expert Scientific Writer. My job profile at Novartis involved:

- To write, support and manage projects to prepare high quality scientific communications including, abstracts, posters, slide sets, manuscripts (complex) for publication/presentation, monographs, flash cards pub alerts, literature reviews and other scientific resources pertaining to the clinical research conducted in the organization
- Prepares complex manuscripts, abstracts, posters, slide sets, and monographs, flash cards, pub alerts literature reviews and other scientific resources working from various data sources including data tables and graphics, FIR reports, clinical study reports, patient profiles, protocols etc. pertaining to the clinical research conducted in the organization
- Performs quality control (QC) checking /proof reading and medical review of the above-mentioned deliverables to meet customer expectations.
- Manages multiple projects of up to two brands at any given time.

- Complies with and support scientific writing group's project management tool, standards, policies and initiatives.
- Follows Novartis specifications for documentation, specifically Novstyle, templates etc.
- Follows and tracks clinical trial milestones for assigned projects.
- Maintains records for all assigned projects including Datavision and other databases
- Maintains audit, SOP and training compliance.
- Builds working relationships and actively collaborates with key internal and external stakeholders to optimize feedback and input towards high quality documents.
- Trains new joiners, fellow colleagues as and when required.
- Participate in international congresses and conferences; development of pre and post congress scientific communication deliverables
- Provide medical information support to HCPs related to the therapy area
- Send regular medical update literature to the entire clinical team
- Maintains familiarity of the published medical literature related to the product
- Collaborate with the KOLs to drive the ongoing trials

**Manager - BresMed Health Solutions India Pvt. Ltd. (Health Economic Outcome Research Organisation): September 03, 2018 to November 19, 2018**

I was associated with BresMed as Manager-Systematic Literature Review team. My job profile involved:

- Act as a technical expert on projects
- Manage multiple projects of systematic reviews
- Responsible for the overall quality, timelines and efficiency of the project being managed with support from SLR Head of Country/BUH
- Prepare or review all key project deliverables such as protocol, search strategies, screening notes, data extraction shells, workbook and report
- Support proposal preparation by developing sections of proposal as required
- Provide clear review updates to internal management team and client
- Review deliverables prepared by junior members and provide guidance

**Associate Consultant - HERON Health Pvt Ltd. (Health Economic Outcome Research Organization): October 2007 to August 2013**

Before joining Novartis, I was working with HERON Health Pvt. Ltd., Chandigarh, India; an HEOR KPO in Pharma sector, as an Associate Consultant (Evidence & Access department) with Projects in Controlled Environment (PRINCE2) Foundation, British Healthcare Business Intelligence Agency (BHBIA) legal and ethical guidelines, BHBIA adverse event reporting Certification. I started my career with HERON in October 2007 and the relationship continued till August 2013. My major roles at HERON

were client management; project management; and resource management.

Further, I was a part of writing specialist team and document review team and have done a specialist writing training as a part of Approved Writer Scheme. Additionally, I was involved in the writing of seven manuscripts.

### **Specific Areas I Worked On**

- Oncology
- Major depressive disorder and bipolar disorder
- Alcohol dependency
- Health effects of smoking cessation
- Treatment options for glaucoma
- Interventions for the treatment of overactive bladder
- Treatment options for neuropathic pain
- New Products development (pipeline products)

### **Type Of Reviews and Publications**

- Systematic reviews
- Comprehensive literature reviews
- Adherence and compliance reviews
- Economic reviews
- HTA reviews
- NICE submissions
- Review reports
- Clinical Trial Manuscripts
- Pharmacokinetic Manuscripts
- Abstracts
- Posters

### **Technical Expertise**

- Conducted high-quality primary and secondary research
- Provided input to submission documents for national and international market access and reimbursement organizations
- Developed communications material for clients and performed client management
- Managed projects and delivered projects
- Developed outcomes research projects and support materials e.g. protocols
- Supported systematic review and meta-analysis projects
- Reviewed literature to source the required inputs to health economics analyses

- Wrote reports and manuscripts
- Has understanding of outcomes research and/or economic theories
- Has ability to manage multiple projects, juggle priorities and deliver on tight deadlines
- Has ability to handle and manage the team well during multiple projects
- Have good team based interpersonal skills but also able to work independently
- Has ability to deliver high quality work with strong attention to detail
- Have a good understanding of project management with proven time management and personal organizational skills
- Have strong written and verbal communication skills and the ability to build strong business relationships

### **Computer Proficiency**

- Numerate and good quantitative skills - able to work in Excel
- Trained in Adobe InCopy
- Competency in using Word and PowerPoint and an interest in learning relevant decision-support and statistical packages
- Proficiency in handling various computing software and packages including Endnote Plus, Adobe Photoshop, Corel draw, Chem Draw, Sigma Stat, Microsoft Photo editor and MS Office (Access and Publisher)
- Effective usage of Pub Med, Cochrane, Embase and other research search engines and websites
- Expertise in using specific specialized software like RefMan, RevMan, Stata
- Expertise in Canva software for development of various types of E-Content

### **Education Details**

<b>Course</b>	<b>University/Board</b>	<b>Year</b>	<b>Percentage</b>	<b>Class/Division</b>
<b>Ph.D.</b>	MM University Ambala	2012-2018	"How a Life-saving Drug or Treatment to one can Turn Hazardous to the Other" (Biomedical Waste Management)	
<b>M.Pharm.</b>	Panjab University Chandigarh	2005-2007	70.50%	First
<b>B.Pharm.</b>	Panjab University Chandigarh	2001-2005	69.25%	First
<b>GATE</b>	IIT, Bombay	2005	99.51 Percentile	All India Ranking 55
<b>XII Standard</b>	C.B.S.E.	2000	76.5%	First
<b>X Standard</b>	C.B.S.E.	1998	69.5%	First

## **Professional Activities**

### **Course Material development**

- I have written a course material on "Biomedical Waste Management" module for MBA in Waste Management and Social Entrepreneurship and has been accepted by Mahatma Gandhi National Council of Rural Education; approved and implemented by AICTE.
- Developed courses for the B.Sc-M.Sc Ayurveda Biology Integrated Program at Jawaharlal Nehru University
  - Ayurvedic Pharmacopeial Standards
  - Recent Scientific Development
  - Research Methodology
  - Science Communication
  - Therapeutic Modalities in Ayurveda

### **Professional Memberships**

- Life membership of The Indian Pharmaceutical Association (Mem No. PUN/LM/0161)

### **Professional Awards**

- Above and Beyond Ovations Award 2014 in recognition of working with India CPO Oncology and Sandoz to provide publication writing training to medical doctors, including oncologists at medical institutions throughout India and supporting the 'Catch them Young Initiative'.
- Above and Beyond Ovations Award 2016 in recognition for collaborating with India oncology CPO to provide scientific writing training to oncologists at leading hospitals in India.

### **Conference presence**

- Evaluation of Boswellia gum as compression coat for colon targeting of 5- fluorouracil; V. R. Sinha, Asmita Singh, Jayant Bhinge, **Anamika**; 58th Indian Pharmaceutical Congress, 1st to 3rd Dec 2006; Mumbai
- Boswellia gum based enteric-coated matrix tablets for colon targeting of 5-Fluorouracil; **Anamika**, Asmita Singh, Jayant Bhinge, Inderpreet Kaur, V.R. Sinha; 1st Chandigarh Science Congress, March 2007; Chandigarh
- Development and evaluation of microemulsion systems for improved oral drug delivery of Atenolol; Inderpreet Kaur, Monika, **Anamika**, V.R. Sinha; 1st Chandigarh Science Congress, March 2007; Chandigarh
- Development and evaluation of Acetazolamide loaded microspheres of biodegradable polymers; Kumud Bansal, **Anamika**, Inderpreet Kaur, V.R. Sinha; First summer school on Nanotechnology in advanced Drug Delivery; May 1-5, 2007; N.I.P.E.R., Punjab
- Formulation and characterization of Atenolol loaded nanoemulsion systems; Monika, Inderpreet Kaur, **Anamika**, and V.R. Sinha; First summer school on Nanotechnology in advanced Drug Delivery; May 1-5, 2007; N.I.P.E.R., Punjab

- Formulation, characterization of pellets of Duloxetine hydrochloride by extrusion and spheronization; V. R. Sinha and **Anamika**; Commonwealth Pharmaceutical Association - Malaysian Pharmaceutical Society; Scientific Conference; Aug. 1-5, 2007; Kuala Lumpur; Malaysia
- In Vitro and In Vivo evaluation of Delayed Release Tablets of Duloxetine Hydrochloride; Sinha V. R., **Anamika**, Vinay Kumar, and Bhinge J. R; APTI Convention; Oct 25-27, 2007, Chandigarh
- Development of Enteric Coated Capsules of Duloxetine Hydrochloride and its Pharmacodynamic and Pharmacokinetic Evaluation; Sinha V. R., **Anamika**, Vinay Kumar, and Bhinge J. R. APTI Convention; Oct 25-27, 2007, Chandigarh (**First prize in Poster presentation**)
- Systematic review in type-2 diabetes - what is the influence of lifestyle change?; **Anamika**, Gavneet Aneja, Hemlata Shukla and Kym Alnwick; ISPOR May 2009; USA; Value in Health, Volume 12, Issue 3, 2009, Page A97; ISSN 1098-3015; [https://doi.org/10.1016/S1098-3015\(10\)73549-X](https://doi.org/10.1016/S1098-3015(10)73549-X).
- Stability-Indicating Assay Method for Determination of Duloxetine Hydrochloride in Pharmaceutical Formulation Using RP-HPLC Method; Sinha VR, **Anamika**, Kumria R, Bhinge JR; 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (April 2008); Barcelona, Spain
- The impact of reducing dosing frequency of oral therapies on adherence, compliance, and cost for acute and chronic illnesses: a meta-analysis; Kunal Srivastava K, **Anamika**, Aditi Kataria, Cappelleri Joseph, Sadosky Alesia, Peterson Andrew; ISPOR 17th Annual International Meeting, June 2-6, 2012, USA; Value in Health, Volume 15, Issue 4, 2012, Page A197, ISSN 1098-3015, <https://doi.org/10.1016/j.jval.2012.03.1063>.
- Network meta-analysis of fixed dose combination therapies for the first-line treatment of type 2 diabetes mellitus; Raman Jindal, Jatin Gupta, **Anamika**, Mandeep Kaur; ISPOR 5<sup>th</sup> Asia-Pacific Conference, Sep 2-4, 2012, Taiwan; Value in Health, Volume 15, Issue 7, 2012, Page A660, ISSN 1098-3015, <https://doi.org/10.1016/j.jval.2012.08.339>.
- Attended American Society of Hematology Annual Meeting Dec 2014, San Francisco, USA
- How a Life-saving Drug or Treatment to one can Turn Hazardous to the Other; **Anamika**; Vipin Saini; 9<sup>th</sup> World Convention on Recycling and Waste Management, October 22-23, 2018; Osaka, Japan.
- Influence of Hospital Set-up in Biomedical Waste Handling and Management; **Anamika**; Vipin Saini; 2nd International Conference on Healthcare & Hospital Management, November 6-7, 2017 Vienna, Austria
- Positivity During Covid-19 Negativity: An Optimistic Vision for a Better India; **Anamika**; Pharmaceutics and Drug Delivery Conference Organized by Coalesce Research Group; September 21-22, 2020, USA.
- Mini Invited talk "Evaluating the impact of AI and ML on MDD treatment strategies"; **Anamika**; in 3<sup>rd</sup> International Conference Integrative Chemistry, Biology & Translational Medicine, March

March 08-10, 2024, Udaipur, India.

- Unveiling the Potential of AI and ML in Major Depressive Disorder Treatment; **Anamika**; International Conference on Space Science and Technology held during November 20-21, 2024 at Dubai, UAE.
- Counter-proliferation of Weapons of Mass Destruction: Strategies against Terrorism through a Questionnaire-Based Study; International Workshop on India's Strategic Export Control Mechanism: Mapping its Evolution and Effectiveness; Aug 23-24, 2024, JNU, New Delhi.

### **Courses or Workshops attended**

- The Disarmament Toolkit organised by the UN Regional Centre for Peace and Disarmament in Asia and the Pacific and Prajnya from June 26-July 5, 2024.
- Enhancing the Protection and Control of Emerging Dual-Use Technologies at the Intersection of Emerging Sectors in Biotechnology and Pharmaceuticals Organised by U.S. Department of State (DOS), Export Control and Border Security (EXBS) Program, in cooperation with the U.S. Embassy New Delhi and the U.S. Department of Energy (DOE) Pacific Northwest National Laboratory (PNNL); May 28-31, 2024.
- Human Reliability and Material Security Training for Small-to-Medium Chemical and Pharmaceutical Manufacturers in India organized by US CRDF and National Association for Chemical Security, Sep 19-20, 2024, Mumbai
- Faculty Induction Program organized by University Grants Commission, Human Resource Development Centre (HRDC), Jawaharlal Nehru University (05 Oct – 31 Oct 2020)
- Refresher Course in Research Methodology in Sciences (Multidisciplinary) organized by University Grants Commission, Human Resource Development Centre (HRDC), Panjab University (13 Feb – 26 Feb, 2021)
- Faculty Development Program: Inter Disciplinary Refresher Course (Managing Online Classes & Co-creating MOOCs) from 05/08/2021-19/08/2021 organized under the Ministry of Education sponsored Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme by Ramanujan College, DU.
- Faculty Development Program: Student Induction on Universal Human Values (UHV) organized by All India Institute for Technical Education (AICTE) from 4-8 October, 2021.
- "General Course on Intellectual Property" by World Intellectual Property Organization (WIPO) Worldwide Academy from Oct 1 to Nov 15, 2006.
- Workshop on "Conduct and Reporting of Systematic Reviews of Randomized Controlled Trials"; part of Clinical and Epidemiological Workshop Series organized by Indian Institute of Public Health; April 20<sup>th</sup> – 23<sup>rd</sup>, 2010.

- Complete the PRINCE Foundation training organized by Association of Project Managers Group (APMG) International, UK; Nov 2011.
- Covid-19 Pandemic: Challenges and Recent Advancements; International Webinar Organized by Jawaharlal Nehru University
- 1<sup>st</sup> E-Learning Workshop on "Design, Development and Delivery of Online Course" organized by the Special Centre for E-Learning, Jawaharlal Nehru University, 2021
- Online Course on Communication Skills offered by TCS iON
- WHO training on Emerging respiratory Viruses, Including COVID-19: Methods for Detection, Prevention, Response and Control; April 10, 2020
- WHO training on Operational Planning Guidelines and Covid-19 Partners Platform to support Country Preparedness and Response; April 09, 2020
- Innovation Ambassador Training conducted by Ministry of Education's Innovation Cell and AICTE (30 June – 30 July 2021)
- Intellectual Property Rights (IPR's) organized by Internal Quality Assurance Cell (IQAC), Karmaveer Shantarambapu Kondaji Wavare Arts, Science and Commerce College, CIDCO, Nashik; 02 Feb. 2021
- Summer school on "Law in a Time of Uncertainty and Global Change" organized by School of Law, University of Bradford (28 June – 5 July 2021)
- Workshop on "Literature Review" organized by Guru Nanak Dev University, Amritsar
- Indo-US Symposium on Nanotechnology in Advanced Drug Delivery, N.I.P.E.R.
- Seminar on Stability Studies by Thermolab Scientific Equipment Pvt. Ltd.
- Workshop on Brookfield viscometers, N.I.P.E.R.
- Workshop on HPTLC by Anchrom, Panjab University, Chandigarh

### **Workshops/Seminars/Webinars conducted/organized**

- Organized and coordinated the UGC-HRDC 1<sup>st</sup> Short-Term course for faculty members on Innovation, Entrepreneurship and Start-ups at HRDC-JNU; Aug 23, 2021-Aug 28, 2021.
- Course coordinator for the 6<sup>th</sup> Refresher Course in Environmental Studies conducted by UGC-HRDC, JNU from Aug 22, 2022-Sep 03, 2022.
- Organized a Panel Discussion on Promoting Science, Technology, Innovation through Collaboration – STIP 2020; June 19, 2021.
- Organized a Panel discussion on Innovation and Entrepreneurship; June 26, 2021.
- Organized a 5-day Ideation and Innovation Bootcamp; July 14 & 15, July 21-23, 2021.

- Conducted Medical writing workshop for physicians, AIIMS New Delhi Oct 2016
- Conducted Medical writing workshop for physicians, AIIMS New Delhi Oct 2015
- Conducted Medical writing workshop for physicians, Meenakshi Mission hospital, Madurai Nov 2014
- Conducted Medical writing workshop for physicians, AMRI Hospital, Kolkata Aug 2014

### **Lectures delivered**

- Resource Person (Sole) for a National Workshop on Systematic Reviews & Meta-Analysis from Oct 28- 30, 2024 organised by Department of Health Research-Multidisciplinary Research Unit, Uttar Pradesh University of Medical Sciences, Saifai, Etawah, UP & Science Tech Institute, Lucknow, UP, India
- Resource Person (Sole) for a National Workshop on Systematic Reviews & Meta-Analysis from Oct 18-20, 2024 organised by Resilient Foundation for Academic Innovation& Scientific Research, New Delhi, India
- Systematic Review and Meta-Analysis Research Ethics, Patent, Copyright and Plagiarism; Online Faculty Development Program on Advanced Research Methodology & Data Analytics by Digvijai Nath Post Graduate College, Gorakhpur, UP, and Science-Tech Institute, Lucknow, UP; Oct 26, 2024.
- Research and Professional Development; UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi; Faculty Induction Programme – 13; 03 August, 2023.
- Research and Professional Development; GURU DAKSHTA 18th Faculty Induction Programme, UGC – Human Resource Development Center, Ranchi University, Ranchi; 06 September 2023.
- The Essentials of Research Proposal and its Preparation; Faculty Development Programme (FDP-RM23) on the theme Research Methodology by Sandip University, Sijoul, 09 September, 2023.
- Introduction to Systematic Review and Meta-Analysis; PhD course work; Gujarat National Law University; 20 November, 2022.
- India's Medical & Pharma Trade & vaccine diplomacy: a panel discussion'; Special course for Indian Trade Service (ITS) officers on 'Economic and Commercial Diplomacy' by Sushma Swaraj Institute of Foreign Service, New Delhi.; May 04, 2023.
- Contemporary Developments in Healthcare; 1st Special Course for Diplomats from Uganda, Sushma Swaraj Institute of Foreign Service, New Delhi; June 21, 2023.
- Systematic Review and Meta-Analysis; Online Workshop on Basic Course in Biomedical Research by Science Tech Institute, Lucknow; 27 February, 2024.

- Systematic Review and Meta-Analysis; 4<sup>th</sup> Online Faculty Development programme; AIDC and Science Tech Institute, Lucknow; March 24, 2024
- Contemporary Developments in Healthcare; 1<sup>st</sup> Special Course for Diplomats from Uganda organized by Sushma Swaraj Institute of Foreign Service (SSIFS); June 21, 2023.
- India's Medical & Pharma Trade & vaccine diplomacy: a panel discussion; first special course for Indian Trade Service (ITS) officers on 'Economic and Commercial Diplomacy' organized by Sushma Swaraj Institute of Foreign Service (SSIFS); May 04, 2023.
- Systematic Review and Meta-Analysis; Science Tech Institute, Lucknow, in collaboration with Amiruddaula Islamia Degree College, Lucknow, One Week Online Faculty Development Programme On Advanced Research Methodology; 27 March 2023.
- Research and Professional Development; GURU DAKSHTA 16<sup>th</sup> Faculty Induction Programme, UGC – Human Resource Development Center, Ranchi University, Ranchi; 06 March 2023.
- Ethical Conduct of Research, Publication Ethics, Issue of Unauthorized Collaboration; Faculty Induction Programme (FIP-4) on the theme “भारत बोध से शिक्षा” by Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi, Jan 28, 2023.
- Introduction to Systematic Review and Meta-Analysis and Applications of various software for Systematic Review and Meta-Analysis; Science Tech Institute, Lucknow, One Week Online Workshop on Biostatistical Data Analysis and Research Methodology; 24 December, 2022.
- Sampling techniques; 5<sup>th</sup> Refresher Course in Research Methodology (Interdisciplinary), UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi; 22 Dec 2022.
- Research and Professional Development; Faculty Induction Programme – 11, UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi; 12 Dec 2022.
- Questionnaire development; ISID in a Ten-Day Training Programme on Research Methodology in Social Sciences, sponsored by the Indian Council of Social Science Research (ICSSR), New Delhi; Aug 06, 2022.
- Idea to Entrepreneur; Faculty Development Programme on Innovation and Entrepreneurship organized by the Entrepreneurship and Career Hub, University of Madras under RUSA 2.0; April 05, 2022.
- Systematic Literature Review and Meta-Analysis; Faculty Development Program on Advanced Research Methodology organized by Amiruddaula Islamia Degree College, Lucknow and Science Tech Institute, Lucknow; March 22, 2022.
- Systematic Literature Review and Meta-Analysis; Faculty Development Program on Advanced Research Methodology Applicable in New Education Policy Organised by Science

Tech Institute Lucknow in collaboration with Digvijai Nath Post Graduate College, Gorakhpur; June 28, 2022.

- Systematic Literature Review and Meta-Analysis; Refresher Course in Social Sciences and Humanities organized by Teaching Learning Center (TLC), Ramanujan College; Jul 21, 2021.
- Panelist at Impact of Biodiversity Act on Healthcare R&D and Commercialization Efforts in India organized by Heal Health Foundation of India; Apr 08, 2021
- Scientific Communication in Ayurveda; Monthly Ayurveda Biology Lecture Series; Feb 27, 2021
- Drug Delivery Systems at Faculty Induction Program by University Grants Commission Human Resource Development Center, Jawaharlal Nehru University; Dec 31, 2020
- Biomedical Waste Management; National Conference of Waste Management Specialists April 22-28, 2019 organized by e-Learning Centre at Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, MoHRD, Govt. of India.

## **Publications**

- i. Changing times, new roles; **Anamika**, V.R. Sinha; Pharmabiz; December 2007
- ii. Nanocochleates: A Novel Drug Delivery Technology; VR Sinha, Vinay, **Anamika**, and JR Bhinge; Pharmaceutical Reviews; 2008; 6(5): 51
- iii. Stress degradation studies on duloxetine hydrochloride and development of an RP-HPLC method for its determination in capsule formulation; Sinha VR, **Anamika**, Kumria R, Bhinge JR; J Chromatogr Sci; 2009 Aug; 47(7): 589-93 (SCOPUS Listed)
- iv. Impact of reducing dosing frequency on adherence to oral therapies: a literature review and meta-analysis; Kunal Srivastava K, **Anamika**, Aditi Kataria, Cappelleri Joseph, Sadosky Alesia, Peterson Andrew; Patient Preference and Adherence; 2013; 20(7): 419–434 (SCOPUS Listed)
- v. Long-term drug survival of TNF inhibitor therapy in RA patients – A systematic review of European national drug registers; **Anamika**, Anadi Mahajan, Dean Spurden, Helen Boyd, and Duncan Porter; International Journal of Rheumatology; 2013; article ID 764518; 1-9 (SCOPUS Listed)
- vi. Influence of Hospital Set-Up in Biomedical Waste Management: A Cross-sectional Survey in Four Hospitals of West Delhi; **Anamika**, Vipin Saini; International Journal of Advancements in Research & Technology, 2016; 5(6): p132-144 (Peer reviewed)
- vii. India Transforming the Ways to Manage the Biomedical Waste; **Anamika**, Vipin Saini; International Journal of Advancement in Engineering Technology, Management and Applied Science, 2016; 3(8): p238-240 (Peer reviewed)
- viii. Recommendation Strategies to Improve the Process of Biomedical Waste Management in India; **Anamika**; Parishodh Journal, 2020; 3(9): p11957-11965 (UGC Listed)
- ix. Metal catalyzed C–H functionalization on triazole rings; A Koranne, K Kurrey, P Kumar, S Gupta, VK Jha, R Ravi, PK Sahu, **Anamika** and AK Jha, 2022. RSC Advances 12, 27534–27545

- (SCOPUS listed).
- x. Fabrication of Super-para magnetic Bimetallic Magnesium Nanoferrite using Green Polyol: Characterization and Anticancer Analysis In-Vitro on Lung Cancer Cell Line; R Rangnath, M Abhijeet, **Anamika**, A Sharif; 2022. ACS Applied Bio Materials; 2022, 5, 11, 5365–5376 (SCOPUS listed).
  - xi. Gaps in Technology Transfer among Indian Pharmaceutical Universities and the Corresponding Industries; **Anamika**; 2018. Varanasi Management Review: Jan-Mar. 2018; Vol-IV; 1S: 77-81.
  - xii. Knowledge, Attitude, and Practice of Hospital Waste Management among Hospitals of West Delhi: Gaps in Policy Implementation; **Anamika**, Anuja; 2018. Varanasi Management Review: Jan-Mar. 2018; Vol-IV; 1S: 37-51.
  - xiii. Non-proliferation of Weapons of Mass Destruction; **Anamika**, ARUHUKURUHU; Jan 2023:13, Issue: 51, 372-375.
  - xiv. Brain Exchange and Scientist Mobility in China; **Anamika**, ARUHUKURUHU; Jan 2023:13, Issue: 51, 362-365.
  - xv. The Phenomena of Globalization of Research and Development (R&D) and How It Is Affecting Developing Countries Like India; Pradeep Maurya, **Anamika**, Global Thought International Research Journal; Jan 2023, 7; 27: 158-161.
  - xvi. Comparative Study of Covaxin, Covishield, Sputnik-V, and Corbevax; Pradeep Maurya, **Anamika**, Global Thought International Research Journal; Oct 2022, 7; 26: 328-331.
  - xvii. Iris Recognition System in the Context of Authentication. Gaurav Kumar, **Anamika Gulati**, Ayush Verma, Manju Khari, and Gaurav Tyagi. Communications in Computer and Information Science. 6<sup>th</sup> International Conference, RTIP2R 2023 Derby, UK, December 7–8, 2023; 349-360.
  - xviii. WMD Proliferation Concerns in the Era of Great Power Competition: An Indian Perspective; **Anamika**, Gaurav Tyagi, Laxman Behera. International Journal of Diplomacy and Economy; 2024 (Accepted).
  - xix. Role of Policy-makers, Health Researchers, and Challenges in Clinical Drug Trial and Health Policy: A Review; **Anamika**, Nishant Upadhyay, Rangnath Ravi, Abhijeet Mishra, Divya Sharma, Anam Dheeman; Int. J. of Human Rights and Constitutional Studies; 2024 (Accepted)

### **Book Chapters (Course Development)**

- **Anamika**; Book chapter in “Block 5: Bio-Medical Waste Management” In Waste Management Emerging Sectors, First Edition By Government of India, Ministry of Human Resource Development. Published by: Mahatma Gandhi National Council of Rural Education (MGNCRE), Hyderabad.
- **Anamika**; Introduction: Artificial Intelligence and Machine Learning in Healthcare. Yadav, D; Anamika (2023) (Ed). Published by Springer
- **Anamika**, Rohini; Artificial Intelligence (AI) and Machine Learning (ML): An Innovative Cross-Talk Perspective and Their Role in the Healthcare Industry; Artificial Intelligence and Machine

Learning in Healthcare. Yadav, D; Anamika (2023) (Ed). Published by Springer

- **Anamika**, Nishant Upadhyay; Applications of Artificial Intelligence and Machine Learning for Diagnosis, Prediction, and Smart Health Care; Artificial Intelligence and Machine Learning in Healthcare. Yadav, D; Anamika (2023) (Ed). Published by Springer
- **Anamika**, Digital Health Technological Advancements and Gender Dynamics in STS; Genetic Science and New Digital Technologies - Science and Technology Studies and Health Praxis; Editor: Tina Sikka; Published by University of Bristol Press, UK

### **Media Presence**

- Gulati, **Anamika**. Time to end the battle of Indian pharmaceutical players and Chinese key ingredients. Observer Research Foundation; July 08, 2021.
- Gulati, **Anamika**. वैक्सीनेशन ही मूल मन्त्र है कोरोना पर विजय हासिल करने का – ग्रामीण क्षेत्रों पर ध्यान केंद्रित. HindiVivek, 10 June, 2021
- Gulati, **Anamika**. प्रौद्योगिकी के माध्यम से शिक्षा क्षेत्र में गुणात्मक परिवर्तन: भारतीय राष्ट्रीय शिक्षा नीति 2020. HindiVivek, 29 Aug 2020
- Gulati, **Anamika**. Transforming education through Technology. Organiser, Sep 06, 2020.
- Gulati, **Anamika**. New India, New Challenges and New Solutions. Samajik Nyay Sandesh (published by Ministry of Social Justice and Empowerment); ISSN: 2455-6183, Dec 2020.

### **Publications supported as Scientific Writer**

- Panobinostat monotherapy and combination therapy in patients with acute myeloid leukemia, results from two clinical trials. Haematologica. 2018 Jan;103(1):e25-e28. doi: 10.3324/haematol.2017.172411. Epub 2017 Oct 19. PMID: 29051280; PMCID: PMC5777210.
- Phase I dose-escalation study of long-acting peptide in patients with neuroendocrine tumors. Onco Targets Ther. 2017 Jun 27;10: 3177-3186. doi: 10.2147/OTT.S128547. PMID: 28721067; PMCID: PMC5499931.
- ElevatION:NET-201 A Phase II Study to Evaluate the Efficacy and Safety of PDR001 in Patients with Metastatic, Well-Differentiated NET of Pancreatic/GI/Thoracic Origin or Poorly-Differentiated GEP NEC Who Have Progressed on Prior Treatment (Abstract and Poster) at North American Neuroendocrine Tumor Society (NANETS) 10th Annual Symposium, October 19-21, 2017, Philadelphia, PA, USA.
- Hematologic recovery induced by eltrombopag in Japanese patients with aplastic anemia refractory or intolerant to immunosuppressive therapy. Int J Hematol. 2019 Aug;110(2):187-196. doi: 10.1007/s12185-019-02683-1. Epub 2019 Jun 10. PMID: 31183813.
- Long-term safety of long-acting octreotide in patients with diabetic retinopathy: results of pooled data from 2 randomized, double-blind, placebo-controlled phase 3 studies. Endocrine.

2018 Apr;60(1):65-72. doi: 10.1007/s12020-017-1448-5. Epub 2017 Nov 7. PMID: 29116540; PMCID: PMC5845597.

- Everolimus in Neuroendocrine Tumors of the Gastrointestinal Tract and Unknown Primary. Neuroendocrinology. 2018;106(3):211-220. doi: 10.1159/000477585. Epub 2017 May 24. PMID: 28554173.

### **Personal Details**

<b><i>Date of birth</i></b>	17-11-1982
<b><i>Gender</i></b>	Female
<b><i>Marital Status</i></b>	Married
<b><i>Hobbies</i></b>	Listening soft and instrumental music, travelling to see and enjoy nature's creation, watching TV
<b><i>Correspondence Address</i></b>	Warden Flat 1 Damodar Hostel Jawaharlal Nehru University New Delhi – 110067 India

*Anamika*

### **Declaration**

I hereby declare that all the above information is true and correct to best of my knowledge.