

Dr. Azka Gull

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Professional Summary

Dedicated pharmaceutical sciences educator with 10+ years of teaching and research experience, specializing in Pharmaceutics and novel drug delivery systems. Skilled in curriculum design, student supervision, and scientific publishing. Seeking to contribute to academic excellence and innovative research in a progressive institution, leveraging proficient English communication skills and an exceptional digital mindset.

Key Highlights

- A PhD in an area of Pharmaceutical Sciences
 - Strong research publication track record
 - Potential to secure competitive research grants
 - Strong digital mindset
 - Proficient communication skill (Overall IELTS score- 8.0)
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Professional Experience**Assistant Professor**

School of Pharmaceutical Education and Research, Department of Pharmaceutics, Jamia Hamdard, New Delhi, India | Jan 2024 – till date

- Delivered weekly lectures for courses in Hospital and Clinical Pharmacy, Community Pharmaceutical Management, Novel Drug Delivery Systems and Physical Pharmaceutics II.
- Guided 04 B. Pharm students in their Practice school projects
- Co-Supervised 02 M. Pharm students
- Competency in using lab equipment and in conducting lab sessions.
- Curriculum development and revision to meet accreditation standards.
- Organised National cGMP day programmes as organizing secretary
- Organised various extra-curricular activities as co-organizer.

Assistant Professor

Amity Institute of Pharmacy, Department of Pharmaceutics, Amity University, Noida, Uttar Pradesh, India | Oct 2014 – Jan 2024

- Supervised 02 M. Pharm students in their master's dissertation.

- Delivered theoretical and practical instruction in pharmaceutical technology, Pharmaceutics 1, Physical Pharmaceutics, Pharmaceutical Engineering, Pharmaceutical Microbiology, Quality Assurance, etc. to an undergraduate course averaging 100 students per semester.
 - Developed e-content on LMS, quizzes, exams, and assignments.
 - Delivered lectures both offline and online.
 - Designed course curriculum, organized class lectures, and set deadlines for projects.
 - Administrative responsibilities
 - 9 years as CR co-ordinator
 - 9 years as alumni co-ordinator
 - 7 years as cultural committee co-ordinator
 - 4 years in examination committee
 - 2 years in IQAC
 - Organised successful blood donation and health camps
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Education

PhD

Amity University — Noida, Uttar Pradesh, India | 2014 – 2020

- Thesis: Formulation and Development of Microemulsion for Topical Drug Delivery

Master's in Pharmacy (Pharmaceutics)

Amity University — Noida, Uttar Pradesh, India | 2011 – 2013

- Dissertation: Liposomal Formulation Development and Evaluation of Berberine for the Treatment of Breast Cancer

Post Graduate Diploma in Pharmaceutical Regulatory Affairs (PGDPRA)

Jamia Hamdard, New Delhi, India | 2011 – 2012

Bachelor's in Pharmacy

Jamia Hamdard, New Delhi, India | 2007 – 2011

Publications

Scopus ID: 57191417718

Orchid ID: <https://orcid.org/0000-0001-7518-5706>

- Chauhan AP, Unnithan D, Alam R, Singh H, Parveen R, Gull A, Khan S, Ali J. Frontiers in therapeutic interventions for epilepsy: nanocarriers as a pivotal catalyst in the synergistic combination of conventional antiepileptics and herbal drugs. Journal of Drug Delivery Science and Technology. 2024 Dec 20:106547.

- Khan M, Nasim M, Feizy M, Parveen R, Gull A, Khan S, Ali J. Contemporary strategies in glioblastoma therapy: Recent developments and innovations. *Neuroscience*. 2024 Oct 3.
- Nasim M, Khan M, Parveen R, Gull A, Khan S, Ali J. Novel paradigm of therapeutic intervention for skin cancer: Challenges and opportunities. *Future Journal of Pharmaceutical Sciences*. 2024 Sep 2;10(1):112.
- Chamel S, Mishra A, Gull A. Transferosomes as innovative drug delivery systems for enhanced antifungal therapy: A comprehensive review. *Journal of Drug Delivery Science and Technology*. 2024 Mar 7:105545.
- Ghosh N, Pathak S, Malsawmdawngkimi, Kumar G, Gull A. Natural products and traditional herbal medicines as managerial therapies to combat rheumatoid arthritis. *Clinical & Translational Metabolism*. 2024 Mar 8;22(1):2.
- MEENA V, MATHUR R, GULL A, JAIN N, KUMAR D, RAJPUT SK, MADAN S. Development and Assessment of Mitoxantrone and 4-Methyl Umbelliferone Nanoemulsions for Chemotherapeutic Potential on MCF-7 Cell Line. *Journal of Research in Pharmacy*. 2022 May 1;26(3).
- Meena V, Mathur R, Gull A, Jain N, Madan S. Carbopol thickened nanoemulsions of chemotherapeutics to treat DMBA-induced breast cancer. *International journal of health sciences*.;6(S6):983-99.
- Ahmed S, Mahmood S, Ansari MD, Gull A, Sharma N, Sultana Y. Nanostructured lipid carrier to overcome stratum corneum barrier for the delivery of agomelatine in rat brain; formula optimization, characterization and brain distribution study. *International Journal of Pharmaceutics*. 2021 Sep 25;607:121006.
- Sharma A, Gull A, Jain N, Meena V. 2-Deoxy Glucose: A Ray of Hope for Treatment of Covid-19.
- Gull A, Ahmed S, Ahmad FJ, Nagaich U, Chandra A. Hydrogel thickened microemulsion; a local cargo for the co-delivery of cinnamaldehyde and berberine to treat acne vulgaris. *Journal of Drug Delivery Science and Technology*. 2020 Aug 1;58:101835.
- Gull A, Ahmed S, Ahmad FJ, Nagaich U, Chandra A. Effect of polyherbal microemulsion on *Staphylococcus epidermidis*: Formulation development, CCD based optimization, characterization, and antibacterial activity by scanning electron microscopy. *Journal of Drug Delivery Science and Technology*. 2020 Jun 1;57:101641.
- Ahmed S, Gull A, Aqil M, Ansari MD, Sultana Y. Poloxamer-407 thickened lipid colloidal system of agomelatine for brain targeting: Characterization, brain pharmacokinetic study and behavioral study on Wistar rats. *Colloids and Surfaces B: Biointerfaces*. 2019 Sep 1;181:426-36.
- Ahmed S, Gull A, Alam M, Aqil M, Sultana Y. Ultrasonically tailored, chemically engineered and “QbD” enabled fabrication of agomelatine nanoemulsion;

optimization, characterization, ex-vivo permeation and stability study. Ultrasonics sonochemistry. 2018 Mar 1; 41:213-26.

- Ahmed S, Gull A, Khuroo T, Aqil M, Sultana Y. Glial cell: a potential target for cellular and drug-based therapy in various CNS diseases. Current pharmaceutical design. 2017 May 1;23(16):2389-99.
- Kawish SM, Ahmed S, Gull A, Aslam M, Pandit J, Aqil M, Sultana Y. Development of nabumetone loaded lipid nano-scaffold for the effective oral delivery; optimization, characterization, drug release and pharmacodynamic study. Journal of Molecular Liquids. 2017 Apr 1; 231:514-22.
- Ahmed S, Sarim Imam S, Zafar A, Ali A, Aqil M, Gull A. In vitro and preclinical assessment of factorial design based nanoethosomes transgel formulation of an opioid analgesic. Artificial cells, nanomedicine, and biotechnology. 2016 Nov 16;44(8):1793-802.

Technical Skills

- Familiarity with educational technology and learning management systems (LMS)
- Hands on experience of statistical analysis software such as GraphPad prism, Origin
- Experienced in working with “Design Expert” tool for the formula optimization
- Microsoft Office suite

Professional Affiliations

- Registered Pharmacist | Delhi Pharmacy Council | Registration No. 21548
- Joint Secretary | SPER Women’s Forum | Uttar Pradesh
- Lifetime member of Society of Pharmaceutical Education and Research (SPER) SPER/LM/UP/066

Professional Training

- ChatGPT and AI hacks with MS Office | Skill Nation Workshop | 3rd July, 2024
- 7 days Value added course on Good Teaching Practices | HIMT College of Pharmacy, Greater Noida | 31st January - 6th February, 2022
- Introduction to Technology-enabled learning | Amity Online | 14th August, 2020
- How to Become an Online Teacher | Amity Online | 10th June, 2020
- Virtual Faculty Development Initiative: Challenges and opportunities in post covid pandemic phase: Teaching, Research & innovation | 7th - 13th June, 2020
- Faculty Development Program: Pharma, Biotech & Healthcare Industry 4.0 vs Education 4.0: A Global Prospective | 1st - 5th July, 2019

- Faculty Development Program: Pharmaceutical Industry vs Academia: Sitemap for Bridging Gaps | 3rd - 7th July, 2017
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Languages

- English
 - Skill level: Very good (Proficient)
 - Overall IELTS score- 8.0
 - Listening- 9.0
 - Writing- 7.0
 - Reading- 8.0
 - Speaking- 7.0
 - IELTS Test date: 22-Feb-2025
 - Candidate number: 196645
 - Hindi — Mother tongue, Native speaker
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Awards & Achievements

- First prize in Oral presentation | International Conference, SPER, Jaipur, 2018
 - Best Poster Presentation Award | SPER 6 Annual International Conference & Exhibition, 2017
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References

Available upon request.
