

Dr. BUSHRA PARVEEN

https://scholar.google.co.in/citations?user=qNJbv_IAAAAJ

E-mail: bushraparveen@jamiahmadrad.ac.in :: bushra8904@gmail.com ::

bush_nd62@yahoo.co.in

Mobile No: +91-9971984966

AREA OF EXPERTISE

Pharmacology [endocrine and metabolic disorder (osteoporosis), neurological disorders (epilepsy, alzheimer's, dementia) and chronic kidney disease], Ethnopharmacology, Traditional herbal medicines, pre-clinical, clinical and analytical studies

PROFESSIONAL EXPERIENCE

Teaching Experience: more than 2 years, post PhD

May 2022-till date: Assistant Professor (Contractual), Department of Pharmacology at Jamia Hamdard, New Delhi

December 2021-May 2022: Assistant Professor (Contractual), Department of Pharmacology at DIP SAR, New Delhi

QUALIFICATION

PhD, Pharmaceutical Medicine

Hamdard University, School of Pharmaceutical Education and Research

2013- 2019

New Delhi

- "Preclinical and clinical evaluation of antiepileptic drug treatment on sclerostin and dickkopf-1 and their relationship with biomarkers of bone turnover"
- DST-INSPIRE PhD Fellowship recipient from Department of Science and Technology (DST), Government of India

(Attained on 10th April 2019)

Masters in Pharmacy, Pharmacology

Hamdard University, School of Pharmaceutical Education and Research

New Delhi

2011-2013

- "Evaluation of sodium valproate in the absence and presence of piperine in a mouse 6 Hz psychomotor seizure model"
- **CGPA: 9.3125**

(Class Topper)

Bachelor in Pharmacy

Hamdard University, School of Pharmaceutical Education and Research

New Delhi

2007- 2011

- **Percentage: 79.96%**

(University Topper, GOLD MEDALIST)

ACHIEVEMENTS/AWARDS/ HONOUR/RECOGNITION

International

- **Best poster award finalist** in AFOS 2017, at Kuala Lumpur, Malaysia, October, 2017

National

- Conferred with the **STE Young Researcher Award, 2023** during the 5th Annual Meet of STE and National Conference on "Environment, Water, Agriculture, Sustainability and Health (EWASH-2023): Strategizing a Greener Future" held on 22nd - 23rd December, 2023.
- **PD Sethi Award 2022 (Certificate of merit)** in TLC/HPTLC for Best Research Paper in 2022: Analysis of polyphenols in Aegle marmelos leaf & ameliorative efficacy against diabetic mice through restoration of antioxidant and anti-inflammatory status. *J Food Biochem*.
- **PD Sethi Award 2020 (Certificate of merit)** in TLC/HPTLC for Best Research Paper in 2020: TLC-MS Bioautography-Based Identification of Free-Radical Scavenging, α -Amylase, and α -Glucosidase Inhibitor Compounds of Antidiabetic Tablet BGR-34. *ACS Omega*, 5 (46), 29688-29697.
- **Best research poster award in e-poster presentation** at Fifth National Conference of Pharmacoeconomics & Outcomes Research Delhi Pharmaceutical Sciences and Research University (DPSRU), March, 2017 New Delhi, India
- **Gold Medal** in B.Pharm, Jamia Hamdard, New Delhi.
- **B. Pharm Topper award** by **Delhi Pharmacy Council** for securing 1st position in B.Pharm for the academic session 2010-2011 on 23rd November 2011
- **ICMR International Travel grant** for attending scientific event Asian Federation of osteoporosis society (AFOS) 2017, at Kuala Lumpur, Malaysia, 6-8th October, 2017
- **Junior Research Fellowship** by **University Grants Commission** (UGC), Government of India for M. Pharm (2011-2013)
- **Ranbaxy PhD fellowship** by **Ranbaxy Laboratories** for PhD in Pharmaceutical Medicine (Nov 2013-Nov 2014)
- **DST-INSPIRE PhD fellowship** by Department of Science and Technology (DST), **Government of India** (Nov 2014- 2018)

Recognition as Member, Organizing committee of Conferences/workshops:

- Google Scholar: **777 Citations; 15 h-index; 18 i10 index**
- **Co-Ordinator**, Day 2 of National Workshop on capacity building of Ayush professionals organized by Centre of Excellence in Unani Medicine, held on 24-26th February, 2024 at Jamia Hamdard
- **Co-Ordinator**, Souvenir and Inaugural committee, International conference on Scientific advancement of Unani medicine: Current needs and future prospects, organized by Centre of Excellence in Unani Medicine, held on 22-23th February, 2024 at Jamia Hamdard.

- **Co-convener**, Pharma Anveshan 2024 organized by School of Pharmaceutical Education and Research, Jamia Hamdard held on 6th March, 2024 at CoE Auditorium.
- **Co-ordinator, Brain Storming Conclave 2023** organized by Centre of Excellence in Unani Medicine, held on 12th December 2023 at Jamia Hamdard.
- **Member, Organizing committee**, National Workshop-cum-hands on training on Pharmacovigilance: Industry Practices, School of Pharmaceutical Education and Research, Jamia Hamdard, 16th February 2023.
- **Member Organizing committee and Session Co-Ordinator**, XII IASTAM Oration & Award Function, International IASTAM Conclave 2022 on Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, Bioactive Natural Product Laboratory, SPER, Jamia Hamdard, New Delhi, India, July 29-30, 2022.
- **Co-Ordinator of Scientific committee in** 7th International congress of Society for Ethnopharmacology, SFEC 2020, Jamia Hamdard, New Delhi, India on February 15-17, 2020.
- **Poster Evaluator** in 7th International congress of Society for Ethnopharmacology, SFEC 2020, Jamia Hamdard, New Delhi, India on February 15-17, 2020.
- **Anchored** in 7th International congress of Society for Ethnopharmacology, SFEC 2020, Jamia Hamdard, New Delhi, India on February 15-17, 2020.
- **Volunteer**, 7th International congress of Society for Ethnopharmacology, SFEC 2020, Jamia Hamdard, New Delhi, India on February 15-17, 2020
- **Anchored** in National symposium on Research Methodology at Jamia Hamdard, New Delhi, 7th March 2018
- **Anchored** in the 3rd one-day National Seminar on "Current Regulations on Herbal Drugs and Food Supplements" at Jamia Hamdard, New Delhi on 16th May 2017.
- **Anchored** in the conference cum workshop on QbD: The next level in regulatory submissions, organized by Indian Pharmaceutical Associations at Indian Habitat Centre, New Delhi on 23rd March, 2013
- **Member Executive Committee, Rx** 2012, Faculty of Pharmacy, Jamia Hamdard, New Delhi held on 31st March 2012
- **Volunteer, Conference cum workshop by Indian Pharmaceutical Association** (Delhi Branch) on QbD: The next level in regulatory submissions at Indian Habitat Centre, New Delhi on March 23, 2013.
- Qualified 233 all India rank with **99.7 percentile** in **Graduate Pharmacy Aptitude Test (GPAT)** 2011
- **Member Volunteer Committee in UGC-SAP sponsored national seminar** on "Role of GCMS, FLASH Chromatography and HPTLC in botanical drug development" Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, Hamdard Nagar, New Delhi-110062 (17th January, 2011)
- **Volunteer, Diamond Jubilee, 60th Indian Pharmaceutical congress**, IPC, New Delhi on 12-14th Dec, 2008.

OVERSEAS VISIT

Kuala Lumpur, Malaysia: To attend 5th scientific meeting of Asian Federation of osteoporosis society (AFOS), KL, Malaysia, 6-8th October, 2017

PUBLICATIONS:

PATENT: (01)

1. Abida Parveen, Sultan Zahiruddin, **Bushra Parveen**, Shahid Hussain Ansari, Sayeed Ahmad. A herbal formulation for immune modulation.

BOOKS/MANUALS: (01)

1. **Bushra Parveen**, Adil Ahamad, Rabea Parveen. A Manual of Anatomy & Physiology. B.Pharm I semester. 2024. TechSar (IK International) Publishers, New Delhi.

Book Chapters: (03)

1. Altamish M, Parveen, **Parveen B**, Khan MA, Ahmad S. Safety, efficacy, toxicity and drug - interaction studies of some Arqiyaat. In: Advanced analytical methods for quality control of Unani drugs: Arqiyaat (Distillates). Ed: Ahmad S, Khan AA. **CCRUM**, 2022; Chapter 8; pp: 145-153.
2. Parveen A, **Parveen B**, Ahmad S, Parveen R (2019). Andrographolide from *Andrographis paniculata*: From traditional herb to nanomedicine for cancer therapy. In: Husen A and Iqbal M (Eds). Nanomaterials and plant potential. Published by **Springer**, pp.317-345.
3. **Parveen B**, Vohora D (2017). Tartrate-Resistant Acid Phosphatase as a Biomarker of Bone Remodeling. In: Biomarkers in Bone Disease: Methods, discoveries and applications. Eds: Vinood B Patel and Victor R Preedy. Published by **Springer**, pp.421-442.

Review articles: (14)

1. **Parveen B**, Penumallu NR, Shaik AR, Parveen A, Parveen R, Vohora D. The impact of antiseizure medication on bone health: A systematic review of animal studies. *Epilepsy Research* 2024. 200; 107302. **[IF: 2.2]**
2. Noorain, Srivastava V, **Parveen B**, Parveen R. Artificial intelligence in drug formulation and development: Applications and future prospects. **Current Drug Metabolism** 2023; 24(9): 622-634. **[IF: 2.3]**
3. Perveen S, Khan MA, Parveen R, Insaf A, **Parveen B**, Ahmad S, & Husain S (2023). An Updated Review on Traditional and Modern Aspects of Vitex negundo. **Current Traditional Medicine**. 10.2174/ 22150838086622082711591
4. Basist P, **Parveen B**, Zahiruddin S, Gautam G, Parveen R, Khan MA, Krishnan A, Shahid M, Ahmad S (2022). Potential nephroprotective phytochemicals: Mechanism and future prospects. **J Ethnopharmacol**, 283:114743. 113936 **[IF: 4.36]**
5. Parveen A, **Parveen B**, Zahiruddin S, Parveen R, Aggarwal N, & Ansari SH, Ahmad S (2022). Enhancing the Immune System with Vitamin D: Especial Emphasis on Prevention of COVID-19 and Complications. **Current Nutrition & Food Science**, 10.2174/ 1573401318666220512153837.
6. Parveen A, Ahmad M, **Parveen B**, Parveen R, Iqbal M (2022). The traditional system of Unani medicine, its origin, evolution and Indianization: A critical Appraisal. **Indian Journal of Traditional Knowledge**, 21(3):511-521.
7. Gaurav, Parveen, Bushra; Khan, Mohammad Umar; Sharma, Ikshit; Sharma, Anil Kumar; Parveen, Rabea; Ahmad, Sayeed (2021). A Systematic Review on nephron protective AYUSH drugs as

constituents of NEERI-KFT (A traditional Indian polyherbal formulation) for the management of chronic kidney disease, **Saudi Journal of Biological Sciences**, 28(11): 6441-6453. [IF:4.219]

8. **Parveen, Bushra** & Parveen, Abida & Parveen, Rabea & Ahmad, Sayeed & Ahmad, Minhaj & Iqbal, Muhammad. (2020). Challenges and opportunities for traditional herbal medicine today with special reference to its status in India. **Annals of Phytomedicine**, 9(2): 97-112.
9. Ahmad S, Zahiruddin S, **Parveen B**, Basist P, Parveen A, Gaurav, Parveen R, Ahmad M (2021). Indian Medicinal Plants and Formulations and Their Potential Against COVID-19–Preclinical and Clinical Research. **Frontiers in Pharmacology**, 11:578970. [IF: 5.33]
10. Malik Z, Parveen R, **Parveen B**, Zahiruddin S, Aasif M, Mustafa S, Khan A, Massey H, Akhtar SA (2021). Anticancer potential of andrographolide from *Andrographis paniculata* (Burm.f.) Nees and its mechanisms of action. **Journal of Ethnopharmacology**, 272:113936. [IF: 4.36]
11. Parveen A, Parveen R, Akhtar A, **Parveen B**, Akhtar J, Iqbal M (2020). Concept of traditional Unani medicine and their quality control. **Journal of AOAC International**, 103 (3):609-633. [IF: 1.913]
12. **Parveen B**, Parveen A, Vohora D (2019). Biomarkers of osteoporosis: An update. **Endocrine Metabolic & Immune Disorders- Drug Targets**, 19(7):895-912. [IF: 2.895]
13. Iqbal M, Parveen R, Parveen A, **Parveen B**, Aref IM (2018). Establishing the botanical identity of plant drugs based on their active ingredients under diverse growth conditions. **Journal of Environmental Biology**, 39(1): 123-136. [IF: 0.640]
14. Parveen A, **Parveen B**, Parveen R, Ahmad S (2015). Challenges and guidelines for clinical trial of herbal drugs. **Journal of Pharmacy and Bioallied Science**, 7: 329-33. [IF: 0.8]

Research articles: (12)

1. Ibrahim M, **Parveen B**, Zahiruddin S, Gautam G, Parveen R, Khan M, Gupta A, Ahmad S (2022). Analysis of polyphenols in Aegle marmelos leaf and ameliorative efficacy against diabetic mice through restoration of antioxidant and anti-inflammatory status. **Journal of Food Biochemistry**, 46. 10.1111/jfbc.13852 [IF: 2.53]
2. Ibrahim, Mohammad & Parveen, Bushra & Parveen, Rabea & Khan, Mohammed & Gupta, Arun & Ahmad, Sayeed. (2021). UPLC/MS based phytochemical screening and antidiabetic properties of *Picrorhiza kurroa* in mitigating glucose-induced metabolic dysregulation and oxidative stress. **Farmacia**, 4. 10.31925. [IF: 1.009]
3. Gaurav, Zahiruddin S, Parveen B, Ibrahim M, Sharma I, Sharma S, Sharma AK, Parveen R, and Ahmad S (2020). TLC-MS Bioautography-Based Identification of Free-Radical Scavenging, α -Amylase, and α -Glucosidase Inhibitor Compounds of Antidiabetic Tablet BGR-34. **ACS Omega**, 5 (46), 29688-29697. [IF: 3.512]
4. Parveen R, Khan N, Zahiruddin S, Ibrahim M, Anjum V, **Parveen B**, Khan MA (2019). TLC bioautographic evaluation for high throughput screening and identification of free radical scavenging and antidiabetic compounds from traditional Unani medicinal plants: *Citrullus colocynthis* Schrad. **Journal of AOAC International**, 103(3): 669-677. [IF: 1.913]
5. Abdoon IH, **Parveen B**, Osman B, Mohamed MS, Osman WJA, Ahmad S (2020). Immunomodulatory potential of *Leptadenia arborea* in Immune-challenged Rats. **Indian Journal of Pharmaceutical Education and Research**, 54(1): 101-107. [IF:0.425]
6. Taha M, **Parveen B**, Osman B, Abdoon IH, Mohamed MS, Osman WJA, Ahmad S (2019). *In vitro* profiling of plants used in Sudanese traditional medicine for Antioxidant and Anti-breast cancer activities. **Annals of Phytomedicine**, 8(1): 119-126.
7. **Parveen B**, Tiwari AK, Jain M, Pal S, Chattopadhyay N, Tripathi M, Vohora D (2018). The antiepileptic drugs valproate, carbamazepine and levetiracetam cause bone loss and modulate Wnt inhibitors in normal and ovariectomised rats. **Bone** 113:57-67. [IF: 4.398]

8. **Parveen B**, Tripathi M, Vohora D (2018). A Cross-Sectional Study to Assess the Modulation of Wnt Inhibitors following Anti-Epileptic Drug Therapy and their Correlation with Vitamin D and Receptor Activator of Nuclear Factor K B Ligand in Indian Women with Epilepsy. **Basic & Clinical Pharmacology & Toxicology**, 123:271-276. [IF: 4.084]
 9. Yazdani MA, Anwar MJ, **Parveen B**, Vohora D (2018). Comparative Evaluation of A Partial Dopamine Agonist with A Preferential D2 and D3 Receptor Antagonist on Ethanol Induced Conditioned Place Preference in Mice. **Current Psychopharmacology**, 10.2174/2211556007666180705130103. 1.5 [IF:0.6]
 10. **Parveen B**, Tripathi M, Vohora D (2018). Carbamazepine, sodium valproate and levetiracetam modulate *Wnt* inhibitors in Indian women with epilepsy. **Annals of National Academy of Medical Science**.
 11. **Parveen B**, Ahmad S, Pillai KK (2016). *In vivo* activity and pharmacokinetic analysis of combination of piperine and sub-therapeutic dose of sodium valproate in refractory epilepsy. **Annals of Phytomedicine**, 5(1): 73-79. 3.5
 12. **Parveen B**, Pillai KK, Tamboli ET, Ahmad S (2015). Effect of piperine on pharmacokinetics of sodium valproate in plasma samples of rats using gas chromatography-mass spectrometry method. **Journal of Pharmacy and Bioallied Science**, 7:317-20. 3.5
-

CONFERENCE PRESENTATION

INVITED SPEAKER & SHORT LECTURE:

1. **Bushra Parveen**. 5th Annual Meet of STE and National Conference on "Environment, Water, Agriculture, Sustainability and Health (EWASH-2023): Strategizing a Greener Future" held on 22nd - 23rd December, 2023
2. **Bushra Parveen**, XII IASTAM Oration & Award Function, International IASTAM Conclave 2022 on Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, Bioactive Natural Product Laboratory, SPER, Jamia Hamdard, New Delhi, India, July 29-30, 2022.
3. **Bushra Parveen**. International conference on Scientific advancement of Unani medicine: Current needs and future prospects, organized by Centre of Excellence in Unani Medicine, held on 22-23th February, 2024 at Jamia Hamdard.
4. **Bushra Parveen**. Integrating tradition with science: Harnessing the therapeutic potential of traditional medicine through reverse pharmacology. International Ayush Conclave 2024 at Ansari Auditorium, Jamia Millia Islamia, New Delhi, on 3rd - 5th February, 2024.
5. **Bushra Parveen**, Masood Shah Khan, DS Arya, Sayeed Ahmad. Cardioprotective potential of Marwareed and Tabasheer in attenuating doxorubicin-induced cardiotoxicity. 7th International congress of Society for Ethnopharmacology, SFEC 2020, Jamia Hamdard, New Delhi, India on February 15-17, 2020.

ORAL PRESENTATIONS:

1. **Bushra Parveen**, Manjari Tripathi, Divya Vohora. Effect of anti-epileptic drugs on Wnt signaling in Indian epileptic women. Fifth National Conference of Pharmacoeconomics & Outcomes Research DPSRU, New Delhi, March 3rd & 4th, 2017.

POSTER PRESENTATIONS (as presenting author):

1. **Bushra Parveen**, Divya Vohora. Herbal prebiotics and epilepsy: Deciphering the role of gut-microbiota brain axis. International congress of Society of ethnopharmacology, SFEC 2020 held on 15-17th February, 2020 at Jamia Hamdard.
2. **Bushra Parveen**, Manjari Tripathi, Divya Vohora. Effect of antiepileptic drug therapy on wnt signaling antagonists in Indian women with epilepsy. 5th Scientific meeting of Asian Federation of Osteoporosis Society at Kuala Lumpur, Malaysia, 6-8th October, 2017.
3. **Bushra Parveen**, Rabea Parveen, Farhan J Ahmed, Z Iqbal, Sayeed Ahmad. Development and validation of UPLC/Q-TOF-MS method: Application to pharmacokinetic studies of Gelucire 50/13 derived nanoparticles of Andrographolide. 3rd one-day National Seminar on "Current regulations of herbal drugs and food supplements" at Jamia Hamdard, New Delhi, 16th May 2017.
4. **Bushra Parveen**, Abida Parveen. Olive oil: a multi-component, multi-mechanistic target drug for cancer. 3rd one-day National Seminar on "Current regulations of herbal drugs and food supplements" at Jamia Hamdard, New Delhi, 16th May 2017.
5. **Bushra Parveen**, Ambrish Kumar Tiwari, Divya Vohora. *In vivo* evaluation of anti-epileptic drug therapy on wnt signaling antagonists and their correlation with other bone turnover markers. National Conference on Biotechnology and Environment (NCOBE-2017), Jamia Millia Islamia, New Delhi on 10-11th April 2017.
6. **Bushra Parveen**, Kot swati, Divya Vohora. Poster presentation in 6th International Conference on recent advances in cardiovascular sciences" (6th RACS) at DIPSAR, New Delhi on 31st Jan & 1st Feb 2014.
7. **Bushra Parveen**, Abida Parveen, Abul K Najmi, Sayeed Ahmad. Drug Discovery and Development: An Overview. AICTE Sponsored National Seminar On "New Horizons in drug discovery & development" held at Convention Centre, Jamia Hamdard, New Delhi, 17-18 Sept, 2011.
8. **Bushra Parveen**, Abida Parveen, Zeenat Iqbal, Sayeed Ahmad. Novel drug delivery system (NDDS) to overcome bioavailability problem. RCH- PHARMAMED 2009 National Conference on "Recent advances in reproductive & child health" held at Convention Centre, Jamia Hamdard, New Delhi, 17-18 April, 2010.

POSTER PRESENTATIONS (as corresponding/co-author):

1. Aliya Shareif, Manya Arora, Rabea Parveen, **Bushra Parveen***. Exploring the relationship between Alzheimer's disease and gut microbiota. International conference on Scientific advancement of Unani medicine: Current needs and future prospects, organized by Centre of Excellence in Unani Medicine, held on 22-23th February, 2024 at Jamia Hamdard.
2. Aftab Alam, Naveen Reddy, **Bushra Parveen**, Sayeed Ahmad. Scientific validation of traditional claims for nephroprotective Unani drugs using in vitro, metabolomics and network pharmacology approach. International conference on traditional medicine and phytopharmaceuticals (ICTMP) & International congress of society of Ethnopharmacology (SFEC 2024) on 16-18th Feb 2024 at CSIR-IIM, Jammu.
3. Hamad Ali, **Bushra Parveen**, Sayeed Ahmad. A bibliometric analysis of Nigella Sativa. Llyod's international Conference on Transformation Through technology and transdisciplinary education', on 9th Dec 2023.
4. Hamad Ali, **Bushra Parveen**, Sayeed Ahmad. International conference on traditional medicine and phytopharmaceuticals (ICTMP) & International congress of society of Ethnopharmacology (SFEC 2024) on 16-18th Feb 2024 at CSIR-IIM, Jammu.

5. Hamad Ali, **Bushra Parveen**, Sayeed Ahmad. Nephroprotective potential of Punica gratum and Piper cubeba in Unani medicine.: An insilico exploration and comprehensive analysis. International conference on Scientific research in Unani Medicine: Current trends and approaches on 21-22 Feb 2024, Jamia Hamdard.
6. Abida Parveen, **Bushra Parveen**, Rabea Parveen, Shahid Ansari, Sayeed Ahmad, (2020) Clinical Perspective of Unani and Ayurvedic medicine in India, pp 87-92, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
7. Areeba Insaf, **Bushra Parveen**, Sultan Zahiruddin, Sayeed Ahmad, (2020) Treatment for hyperpigmentation in Unani system of medicine, pp 102-105, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
8. Parakh Basist, Gaurav, **Bushra Parveen**, Sayeed Ahmad, Unani Medicine: An Overview of Kidney Disorder Management, pp 106-108, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
9. Gaurav, **Bushra Parveen**, Rabea Parveen, Mohammad Jalees, Sayeed Ahmad, (2020) Need for Scientific Validation of Unani Medicines, pp 120 - 123, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
10. Rabea Parveen, Syed Akhtar Husain, **Bushra Parveen**, Sayeed Ahmad. Comparative antitumor activity of single and combination drugs: *In vitro* and *in vivo* studies. 17th Annual International Conference RGCON, 2018, Hotel Crown Plaza, Rohini, New Delhi, February 9-11, 2018.
11. Abida Parveen, **Bushra Parveen**, Rabea Parveen. Optimization of solid nanoparticles of herbal drugs using response surface methodology. 3rd one-day National Seminar on "Current regulations of herbal drugs and food supplements" at Jamia Hamdard, New Delhi, 16th May 2017.
12. Abida Parveen, **Bushra Parveen**, Fahad Haroon, Nidhi Aggarwal. Tocilizumab: A new drug candidate in the treatment of Rheumatoid Arthritis. AICTE Sponsored National Seminar On "New Horizons in drug discovery & development" held at Convention Centre, Jamia Hamdard, New Delhi, 17-18 Sept, 2011.
13. Lubna Abidin, Mamta Singh, **Bushra Parveen**, Abida Parveen, Sayeed Ahmad. Herbal Drugs used for the treatment in Cancer. AICTE Sponsored National Seminar On "New Horizons in drug discovery & development" held at Convention Centre, Jamia Hamdard, New Delhi, 17-18 Sept, 2011.

FDPs/WORKSHOPS/CONFERENCES/SEMINARS ATTENDED

FDP:

Attended and completed the Microsoft, AICTE and SAP led faculty Development Program on AI Evolution: From Foundations to Generative AI under TechSaksham from 29th January 2024 to 2nd February 2024.

Conferences/Workshops:

1. Participated in Launch of capacity building programme of Labs to build their micronutrient testing capacity in fortified edible oil & wheat flour held on 10th January, 2024 at Centre of Excellence Auditorium, Jamia Hamdard.
2. Participated in International symposium on Innovation in the clinical practices and residencies for ambulatory and community pharmacy in India held on 11th December 2023 at DPSRU, New Delhi.
3. Participated in National Workshop on capacity building of Ayush professionals organized by Centre of Excellence in Unani Medicine, held on 24-26th February, 2024 at Jamia Hamdard.

4. Participated in Workshop on Nutritional management of maternal and child health held on 7th February, 2024 at Centre of Excellence in Unani Medicine, Jamia Hamdard.
5. Participated in 9th International conference on Food processing, nutrition and fortification with emphasis on Vitamin D at Jamia Hamdard, New Delhi, March 05-06, 2020.
6. Participated in National symposium on Research methodology at Jamia Hamdard, New Delhi, 7th March, 2018.
7. Participated in 5th Scientific meeting of Asian Federation of Osteoporosis Society at Kuala Lumpur, Malaysia, 6-8th October, 2017.
8. Participated in 3rd one-day National Seminar on "Current regulations of herbal drugs and food supplements" at Jamia Hamdard, New Delhi, 16th May 2017.
9. Participated in Fifth National Conference of Pharmacoeconomics & Outcomes Research DPSRU, New Delhi, March 3rd & 4th, 2017.
10. Participated in National Conference on Biotechnology and Environment (NCOBE-2017), Jamia Millia Islamia, New Delhi on 10-11th April 2017.
11. Attended hands-on-training workshop on experimental methods in respiratory and cardiovascular pharmacology at Vallabhbhai Patel Chest Institute, University of Delhi on 03-04 Feb 2014.
12. Participated in 6th International Conference on recent advances in cardiovascular sciences" (6th RACS) at DIPSAR, New Delhi on 31st Jan & 1st Feb 2014.
13. Attended conference cum workshop on QbD: The next level in regulatory submissions, organizes by Indian Pharmaceutical Associations at Indian Habitat Centre, New Delhi on 23rd March, 2013.
14. Attended the 10th Knowledge Millennium Summit "Curing the Incurables: Sharing of Innovations" organized by ASSOCHAM, India at Vigyan Bhavan, New Delhi on 16th January 2013.
15. Attended national seminar sponsored by IPGA on "Expectations of Pharmaceutical Industry from Pharmacy Graduates" at PDM college of Pharmacy, Bahadurgarh on 8th September 2012.
16. Participated in one-day national symposium on new Horizon in Basic & Clinical Research organized by Society of Young Scientists, AIIMS, New Delhi on 16th April 2012.
17. Attended National Conference on "Challenges & Issues in Pharmaceutical Section in India" organized by IPC, Udyog Development Foundation, held at DIPSAR, New Delhi, 12th Feb, 2012.
18. Participated in Fourth National Conference on "Biotechnology & Pharma Industry" Sponsored by Dept. of Biotechnology, Minister of Science & Technology, Govt. of India & PTU, Jalandhar, held at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Punjab, 28-29 Jan, 2012.
19. Participated in 50th National pharmacy Week celebrations held from 20-27 November 2011 at New Delhi organized by Indian Pharmaceutical Association (Delhi branch).
20. Participated in AICTE Sponsored National Seminar On "New Horizons in drug discovery & development" held at Convention Centre, Jamia Hamdard, New Delhi, 17-18 Sept, 2011.
21. Participated in UGC-SAP Sponsored National Seminar on "Role of GCMS, Flash Chromatography and HPTLC in Botanical Drug Development" at Hamdard Archives, Jamia Hamdard on 17th Jan 2011.
22. Participated in RCH-PHARMAMED 2009 National conference on "recent advances in reproductive & child health" at convention center, Jamia Hamdard on 17th-18th April 2009.
23. Attended 60th Indian Pharmaceutical Congress held at New Delhi from December 12th to 14th, 2008.

SUPERVISION/GUIDANCE TO PHD/M.PHARM STUDENTS

As a Co-supervisor to PhD (03)

Aftab Alam (Pharmacology)

Title: Scientific validation of traditional claims of nephroprotective Unani drugs on the basis of *in vitro*, *in vivo*, metabolomics and network pharmacology approaches.

Md Reyaz Alam (Pharmacology)

Title: Neuroprotective potential of Ayush-based synergistic combination and phytopharmaceutical against diabetes-induced dementia.

Archana Kumari (Pharmacognosy)

Title: Effect of Vitamin D supplements in chronic kidney disease

As a co-supervisor to M. Pharm

Jawed (Pharmacology) 2023-2024

Title: Effect of

Hamad (Pharmacognosy) 2023-2024

Title: Development of AYUSH formulation for the treatment of chronic kidney disease

Suhaira (Pharmacology) 2023-2024

Title: Ferroptosis in osteoporosis

Nayab Bano (Pharmacology) 2022-2023

Title: To assess the potential of Saxagliptin in HFD+STZ induced peripheral diabetic neuropathy in Wistar rats.

Aboubaker Natheer Ahmed (Pharmacology) 2022-2023

Title: Drug Utilization study and adverse drug reactions monitoring among patients using Anti-fungal in tertiary care teaching hospital of Delhi

Shaheen Jabbar (Pharmacology) 2022-2023

Title: Development and preclinical evaluation of anti-osteoporotic activity of semi-synthetic derivative of naringenin

Soumyaa Mishra (Pharmacy Practice) 2022-2023

Title: Serum levels of potential biomarkers in persons with epilepsy and their association with comorbid depression and anxiety.

Supervisor to project work students B.Pharm VIII sem

2023-2024

- Yash

Title: A Systematic Review and Bibliometric Analysis of the Monoclonal Antibody Therapy for Rheumatoid Arthritis in Animal Models

- Mohd Zaafar Khan

Title: Understanding the burgeoning threat: an introduction to antimicrobial resistance and its prevalence

2022-2023

- Umaira (2019-305-152)
- Yash Aggarwal (2019-305-154)
- Zeba Naaz (2019-305-155)
- Shaziya Noor (2019-305-011)

ACADEMIC RESPONSIBILITIES IN THE CAMPUS

1. Teaching to Diploma and B Pharm
2. **Administrative related responsibilities:**
 - Member, **PhD Course committee**, SPER, JH (2022-till date)
 - Member, **Tabulation Committee**, SPER, JH (2022-till date)
 - Member, **PCI Approval committee**, SPER, JH (2022-till date)
 - Member, **Examination committee**, SPER, JH (2023-till date)
 - Member, **Admission committee**, SPER, JH (2022-till date)
 - Department of Pharmacology for **AISHE ranking, 2022 & 2023**, SPER, JH
3. **Examination related activities:**
 - **Flying Squad 2024**
 - **Internal Examiner for End semester/annual practical examination, 2023-2024**
Social Pharmacy (ER20- 20-15P), 2023
Human Anatomy and Physiology (BP107P), 2023
Biochemistry (BP209P), 2023
 - **Evaluator of answer sheets of end semester/annual examinations, 2023-2024**
MPP203T, BP204T, DPH 203T, BP703T, ER20-21T, BP802T, BP201T, MPP203T, BP201T, MPP103T, BPH606T
 - **Invigilation duties** during End semester/ Annual/ Supplementary examinations
 - **Teacher Incharge, 2022-2024**
Diploma Ist Year, Anatomy and Physiology (ER20-14T; ER20-21P)
B.Pharm I sem (Regular), Human Anatomy & Physiology (BP101T, BP107P)
B.Pharm II sem (SFS), Pathophysiology (BP204T)
B.Pharm VIII sem (SFS), Social and Preventive Pharmacy (BP802T)
 - **Internal Examiner for End semester/annual practical examination, 2023-2022**
Diploma I yr, Social Pharmacy (ER20-15T)
B.Pharm I semester (SFS), Human Anatomy and Physiology (BP107P)
B. Pharm II semester (SFS), Biochemistry (BP207P)
Diploma I year Social Pharmacy (ER20-15P)
 - **Evaluator of answer sheets of End semester/ Supplementary examinations, 2023-2022**
Social & Preventive Medicine (B P802T)
Social Pharmacy (ER20-15T)
4. **Student related activities:**
 - Committee member, Inaugural program, **Students Induction Program 2023 & 2024**, SPER, JH
 - Committee member, **Essay Writing competition**, Hamdard Fest 2023 & 2024
 - Committee member, **Girls Carrom**, Hamdard Fest 2023
 - Committee member, **Essay Writing competition**, Hamdard Fest 2023
 - Committee member, **Girls Cricket Tournament**, Hamdard Fest 2023
 - Committee member, **Girls Shotput and Discuss throw**, Hamdard Fest 2023
 - Committee member, **Inaugural program, Golden Jubilee Celebrations 2022**, SPER, JH

PHARMACY REGISTRATION

Delhi Pharmacy Council Registration number: 26074

MEMBERSHIP OF PROFESSIONAL BODIES

- Life Membership Save the Environment (*Life membership No. 114*)
- Membership Society of Ethnopharmacology

PERSONAL DETAILS

Date of Birth	:	April 21, 1989
Sex	:	Female
Marital Status	:	Married
Nationality	:	Indian
Religion	:	Islam
Languages Known	:	English, Hindi and Urdu