

CURRICULUM VITAE

Dr. Minakshi Pandey

Associate Professor, School of Pharmacy

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CAREER OBJECTIVE

To contribute meaningfully in an academic and research-oriented environment where innovation, dedication, and continuous learning shape professional excellence, and to build a reputation recognized globally for impactful work in pharmaceutical sciences.

PROFESSIONAL EXPERIENCE

Total Experience: 15 years 8 months

❖ **Assistant Professor, School of Pharmacy, Sharda University**

August 2019 – Present

- Teaching UG and PG students; supervising research, projects, and publications.
- Coordinator for NBA Criteria-VII, Mentoring, DSW Music Committee, and various academic committees.
- Handling Paramarsh portal and mentoring B.Pharm students since 2022.
- Class Coordinator for B.Pharm/BSc (2022–2025).
- Guiding UG final year projects (more than 12 students annually).
- Delivered lectures in Pharmaceutical Chemistry, Analysis, and Pharmacognosy.
- Coordinated lab development, academic planning, and examination duties.

❖ **Assistant Professor, Pharmacy Colleges, Greater Noida**

Aug 2013 – July 2019

Institutes: Skyline, IEC, HIMT, BBS, Lloyd, Ram-Eesh

- ❖ **Assistant Professor, RKGIT College of Pharmaceutical Sciences, Ghaziabad**
Sept 2010 – July 2013
- ❖ **Assistant Professor, Aryakul College of Pharmacy & Research, Lucknow**
March 2010 – Aug 2010

ACADEMIC QUALIFICATIONS

Degree	Year	Institute	University/Board	% Marks/Status
PhD (Pharmacy)	2022	Institute of Pharmaceutical Research	GLA University, Mathura	Awarded (78%)
M.Pharm (Pharm. Chem.)	2009	BBDNITM, Lucknow	UPTU	81%
B.Pharm	2007	Ram-Eesh Institute, Greater Noida	UPTU	73%
PGDIPR	2012	Jamia Hamdard, New Delhi	Hamdard University	64%

KEY ACHIEVEMENTS

- Qualified **GATE 2007** (91 percentile).
- Published **20+ research papers** in Scopus/UGC-Care indexed journals.
- Published **17+ book chapters** across national and international conferences/books.
- Guided multiple students who achieved **1st and 2nd prizes** at national conferences.
- **3 patents** (2 Published, 1 Granted) as Co-Inventor.
- Served as **Scientific Evaluator** and **Resource Person** in multiple international conferences.
- Reviewer for academic journals (names can be added).
- Strong contribution in **NBA Documentation**, accreditation tasks, and academic planning.
- Played key roles in cultural committees, academic events, and mentoring structures.

AREAS OF INTEREST

- Pharmaceutical Chemistry
- Analytical Method Development
- Herbal Drug Research
- R&D (Analytical)

PROFESSIONAL PORTFOLIO

Industrial Training

- Unicare (India) Pvt. Ltd., Noida — Trainee Chemist in QC & Production.

Academic Training

- UGC sponsored **faculty training** entitled “*Learning Methodologies in Pharmaceutical Chemistry: Medicinal and Analytical Aspects*” from August 5, 2013 to August 10, 2013 at Punjab University, Chandigarh.

Postgraduate Project

- *Integration of antimigraine drugs (5-HT₁ agonists, NSAIDs, antiemetics): Simultaneous estimation by RP-HPLC.*

FACULTY DEVELOPMENT

PROGRAMMES / TRAININGS

- 7-Day FDP on "Empowering Faculty" — Sharda University (2025).
- 6-Day FDP on Pharmaceutical Research — NIU (2024).
- 5-Day FDP on OBTL — Sharda University (2023).
- UGC STP on NEP 2020 — IGNOU, Grade A (2022).

- “AI Augmented workshop on scientific writing and publishing” in collaboration with Genius Drive, GD Agarwal Enterprises LLP on March 16, 2024.
 - MOOCs: Pharmacognosy & Metabolic Engineering, QC & Improvement with MINITAB.
- Participated in 7-Day Faculty Development Programme on “Empowering Faculty: Advancing Excellence for NextGen Education” Organized by the Teaching Learning Centre, Sharda University, from January 30th to 5th February 2025.
 - Participated in 6–Day Faculty Development Programme on “Current trends and developments in pharmaceutical research” Organized by the Noida International University, from August 12 to 17, 2024.
 - Participated in 5–Day Faculty Development Programme on “Outcome–Based Teaching & Learning (OBTL)” Organized by the internal quality assurance cell, Sharda University, from July 3 to 7, 2023.
 - Participated in UGC Approved Short-Term Professional Development Programme by **IGNOU** and completed the programme on ‘Implementation of NEP 2020 for University and College Teachers’ held from December 21-31, 2022 and obtained '**A' Grade**.
 - Pparticipated and obtained '**A' Grade** in UGC approved short term professional development programme entitled “Implementation of NEP 2020 for University and College Teachers” organized by IGNOU
 - Participated in “AI Augmented workshop on scientific writing and publishing” in collaboration with Genius Drive, GD Agarwal Enterprises LLP on March 16, 2024.
 - Pursuing **MOOC** Courses of 12 week and 8 week entitled Pharmacognosy & Metabolic Engineering and Quality Control and Improvement with MINITAB.

- National conference in Sharda University, Greater Noida on “Scope and research opportunities for the pharmacy professionals in pharmacovigilance and materiovigilance”, in collaboration with (IPC) Ghaziabad, 17th & 18th March 2023.
- Hands-on-training workshop in Sharda University on “High performance liquid chromatography” in collaboration with Spincotech System LLP (Shimadzu) Chennai, 17th & 18th April 2023.

RESEARCH PUBLICATIONS

- “An overview on migrainous headaches & its preventive measures” is published in Int J Pharma. Bio. Sci., Vol.1/Issue-4/Oct-Dec., 2010. (Review Article)
- “Simultaneous estimation of Sumatriptan Succinate, Naproxen and Domperidone by RP- HPLC, AJPCR, Vol 5, Suppl 3, 2012. (Research Paper)
- “Simultaneous estimation of Sumatriptan Succinate, Naproxen and Domperidone by RP- HPLC” is published in LAP LAMBERT Academic Publication, 2012. (Online book)
- “4, 5-Dihydrooxazole-Pyrazoline hybrids: Synthesis and their evaluation as potential antimalarial agents’ Eur. J. Med. Chem. 123, 2016, 476-486. (Research Paper)
- “Natural remedies for the treatment of arthritis: A review” by Med. Plants - Int. J.Phytomed. Relat. Ind., 12(4), 2020, 545-554. (Review Article)
- Research Paper entitled “Evaluation of Sustained release formulation of *Cissus quadrangularis* ethanolic extract for the treatment of arthritis” in JPIN, April 2025. (Under Communication)
- Research Paper entitled “Comprehensive Review of Phytoconstituents in the Management of Arthritis” in NPR, April 2025. (Under Communication)
- Research Paper entitled “Recent Progression and Expansion of Scorpion Venom Components and their Medicinal Values” in IJBS, April 2025. (Under Communication)

- Research paper published in the Journal of Chemical Health Risks entitled “Phytochemicals and evaluation of antioxidant and anti-inflammatory potentials of *swertia chirata* leaves extract in animal model”, China Petroleum Processing and Petrochemical Technology, Volume 23, Issue 2, *October 2023*.

- Research paper published in the Journal of Chemical Health Risks entitled “Fractionation and *In vitro* Evaluation of *Prunus persica* Pulp Extract against Urolithiasis”, *18 May 2024*; 527-536.

- Research paper published in the Journal of Chemical Health Risks entitled “Pharmacological Evaluation Of *Prunus Persica* Pulp Extract In Urolithiasis Rat Model”, *Afr. J. Biomed. Res. Vol. 27(3s) (September 2024)*; 1878 – 1888.

- Research paper published in the JCHR entitled “Unveiling Antiarthritic Potential of *Moringa oleifera* Lam. Extract: Evaluation and Hydroxypropylmethylcellulose -Based Formulation”, *Trad Integr Med, Volume 9, Issue 3, September 2024*.

- Research Paper entitled “Formulation and evaluation of polyherbal shampoo to promote hair growth and provide antidandruff action using poly herbal extracts” in *IJMSTR*, March 2025.

- Research Paper entitled “Pharmacological Evaluation of *Prunus persica* pulp extract in urolithiasis Rat Model” in *Afr. J. Biomed Res.*, September 2024

BOOK CHAPTERS

- Souvenir, Indo-Caribbean International Conference (2025).
- 4 Chapters in *Pharmaceutical Interventions for Health Management*.
- 2 Chapters in National Pharmacovigilance Conference (GLA University, 2024).
- 10 Chapters in Innopharmrx-2023, Sharda University.

PATENTS

- **HPLC Device for Separation of Synthetic and Natural Compounds** — Application No.: 452229-001, Published: 20 March 2025. *Role: Co-Inventor.*
- **Colon Targeted Drug Delivery Formulation and Method of Preparation Thereof** — Application No.: 202511044691, Published: 30 May 2025. *Role: Co-Inventor.*
- **Apparatus for Making Nano-Emulsion Preparation for Nose-to-Brain Delivery** — Design No. 6483472, **Granted:** 10 November 2025. *Role: Co-Inventor.*

PhD. SUPERVISED

- ❖ **Dr Hema Arya (Awarded 11 October 2025)** - (System id-2019000140) Working as Assistant Professor (Pharmaceutical Chemistry) in Sharda University, Greater Noida, Uttar Pradesh
- ❖ **Mr. Yash Ranga-** (System id-2025100249) Working as Assistant Professor (Pharmaceutical Chemistry) in Orlean College of Pharmacy, Greater Noida, Uttar Pradesh
- ❖ **Mr. Vishal Kumar** – (System id-2024271722) Working as Assistant Professor (pharmacology) in Saraswathi College of Pharmacy, Pilkhuwa, Anwarpur, Uttar Pradesh.

RESOURCE PERSON/ SCIENTIFIC

EVALUATION

- Invited as External Evaluator of M. Pharm., Final Year Project work in Amity University, Noida on 15th December 2025.
- Invited as Scientific Evaluator in the International Conference “The Future of Pharmacy: AI-Driven Solution or Challenges for Enhanced Healthcare” organised by

the Noida International University in collaboration with ABPA and Pharmacology Healthcare Foundation held on 22nd March 2025.

- Invited as Scientific Evaluator in the 3rd International Conference “Therapeutic Breakthrough and Global Health Impact (IC-TGH 2025)” organised by the IIMT College of Pharmacy, Greater Noida, on 10th – 11th April 2025.
- Invited as External Evaluator of B. Pharm., Final Year Project work in Swami Vivekanand Subharti University, Meerut on 1st June 2024.

ORAL /POSTER PRESENTATIONS

- “Natural remedies for the treatment of arthritis:A review” by Med. Plants - Int. J.Phytomed. Relat. Ind., 12(4), 2020, 545-554. **(Review Article) Sharda Affiliation**
- “An overview of phytoconstituents against arthritis” by High Technology Letters, Volume 29, Issue 8, 2023, 2023. **(Review Article) Sharda Affiliation**
- Published 1 book chapter in the Souvenir-Indo-Caribbean International Conference organised by ITS College of Pharmacy, 15 February 2025.
- Published 4 book chapters in the book “Pharmaceutical Interventions for Health Management” by Dr Bhumika and Prof. Amrish Chandra published in Scientica Research Pharmakon.
- Published 2 book chapters in the National Conference on Pharmacovigilance in Clinical Trials: The Global Market organised by IPR, GLA University, Mathura on 19-20 April 2024.
- Published 10 book chapters in the “International conference Innopharmrx- 2023” organised by Sharda School of Pharmacy.
- Presented paper at the first international conference (ICBPS-2022) held at GLA University, Mathura in Nov. 2022.
- AWSAR webinar on “Understanding popular science writing” conducted on 18 July 2022.
- Presented paper (Oral) entitled “An overview of phytoconstituents against arthritis” in 2nd International Conference on “Innovations in Chemical, Biological and Pharmaceutical Sciences (ICBPS-2021)” held on Nov. 18-19, 2022, GLA University, Mathura.

- Presented paper (Oral) entitled “Unveiling Multi-Target effect of *Moringa oleifera* in Combatting Arthritis: Network Pharmacology and Molecular Docking Insights” at 2nd International Conference on cutting edge technology (ICCET-2024) held on **February 9-10, 2024**, IIMT College of Pharmacy, Greater Noida.
- Participated in 5-day webinar entitled “28th Skill Development Programme on “Pharmacovigilance” on March 04th - 08th, 2024, Indian Pharmacopoeia Commission (IPC), National Coordination Centre for Pharmacovigilance Programme of India (NCC-PvPI), Ghaziabad.

STUDENT ACHIEVEMENTS UNDER GUIDANCE (ORAL /POSTER)

Students secured first and second prizes at Galgotias University, Amity University, and GLA University (2023–24), guided and supported through research activities and conferences that enabled them to meet award criteria for both oral and poster presentations.

- Ishita Singh (Student, **B. Pharm. III Year**) received first prize in a conference, in 2023 held in Galgotia University.
- Ishita Singh (Student, **B. Pharm. III Year**) received second prize in a conference, in 2023 held in Amity University.
- Piyush Singhal (Student, **B. Pharm. III Year**) received second prize in a conference, in 2023 held in GLA University, Mathura..
- Swati Sharma (Student, **B. Pharm. III Year**) received second prize in a conference, in 2024 held in GLA University, Mathura.

RESOURCE PERSON / SCIENTIFIC EVALUATOR

- External Evaluator, Noida International University (2025), Greater Noida.
- External Evaluator, IIMT College of Pharmacy, Greater Noida.
- External Evaluator, Subharti University, Meerut.
- External Evaluator, Amity University, Noida.

ACADEMIC RESPONSIBILITIES

- **NBA Coordinator**, Criteria VII.
- **Class Coordinator**
- **Mentoring Coordinator, SOP**
- **DSW Cultural Committee (Music Wing).**
- **PhD Supervisor**
- **Project Guide & Research Cluster Supervisor.**
- **Community Connect & Practice School Supervisor.**

PROJECTS SUPERVISED

Guided 12+ undergraduate projects annually.

- Mr. Anurag Chauhan (Roll. No. 2013107802): Topic entitled “Cardiovascular impact after COVID”
- Ms. Asmau Muhammad Aminu (Roll. No.2013107803): Topic entitled “Moringa oleifera as anti-arthritic agents”
- Mr. Vanshaj Chanda (Roll. No.1913107051): Topic entitled “Epilepsy and its management”
- Mr. Anurag Chauhan (2013107802)- Cardiovascular impact after COVID
- Ms. Asmau Muhammad aminu (2013107803)- Moringa oleifera as antiArthritis
- Mr. Vanshaj Chanda (1913107051)- Epilepsy and Its management
- Sandhya Singh (2020507506)- Implications of long term use of antiepileptic medication during pregnancy
- Tanisha (2020515197)- An overview on herbal remedies for vaginal infection
- Rohit (2013107040)- Metallic Scaffolds as Bone-Targeted Drug Delivery: Current Insights
- Nidhi (2013107028)- Gene Therapeutics: Recent development and Future Prospect
- Himani Karnani (2021490185) and Himani Singh (2021002228)- Comprehensive study of Facial Serum and casor oil in skin care
- Jayesh Dixit (2021454097) and Jitendra Kumar (2021003159)- Anti- Cancer activity of synergism with curcumin and nimbolide

- Debbie Lameck Mchuma (2022817390) - TOXICOLOGICAL EFFECTS OF COMMONLY USED HERBAL MEDICINES
- Reyan Yunus (2022006334) and Ishita Singh (2022469914)- HPLC METHOD DEVELOPMENT FOR MULTI-DRUG FORMULATION
- Sachin kumar (2022334056)- Evaluation of Awareness about Hepatotoxic Risksof Paracetamol among General Public and Its Rational Use

STRENGTHS

- Hardworking, sincere, and dedicated.
- Strong academic and research orientation.
- Effective communicator and student-focused mentor.
- Spiritually aligned; Volunteering in Isha Foundation since 2015.
- Strong organizational and leadership skills.

PERSONAL INFORMATION

- **Date of Birth:** 17 April 1983
- **Nationality:** Indian
- **Languages:** English, Hindi
- **Hobbies:** Yoga, tabla, music, reading, poetry writing, nature walks

DECLARATION

I hereby declare that all information provided is true to the best of my knowledge and I shall produce relevant documents whenever required.

(Dr. Minakshi Pandey)