



# National Conference

on

## CONFLUENCE OF AI, DRUG DISCOVERY & REHABILITATION

FEBRUARY 28TH, 2026

### HRIT UNIVERSITY, GHAZIABAD

Organized by

#### Faculty of Pharmaceutical Sciences & Physiotherapy

Jointly with

Community Pharmacy Division, IPA” & “Indian Pharmaceutical Association” U.P. State Branch

*Mode of Conference: Physical*

About the Conference

Confluence of AI, Drug Discovery & Rehabilitation explores the transformative role of artificial intelligence in reshaping the entire healthcare continuum—from molecule to recovery. The theme highlights how AI-driven tools are accelerating drug discovery through predictive modeling, target identification, and personalized therapeutics, while simultaneously revolutionizing rehabilitation through smart diagnostics, adaptive treatment planning, and data-driven patient monitoring. By integrating computational intelligence with pharmaceutical sciences and rehabilitative care, this confluence aims to foster innovation, improve clinical outcomes, and pave the way for precision medicine and holistic patient recovery. The conference provides a multidisciplinary platform for researchers, clinicians, and industry professionals to exchange ideas, share breakthroughs, and envision the future of intelligent healthcare.

About HRIT University

HRIT University was founded in 2005 by visionary technocrat Dr. Anil Aggarwal, former MP-Rajya Sabha. HRIT University is transforming education with collaboration of IIT Kharagpur and IBM. HRITU comprehensive offerings include Engineering programs in Computer Science, AI & ML, Data Science & Cloud Computing, Electronics, Mechanical, and Civil Engineering, alongside Pharmacy, Hotel Management, Business Administration, Arts, Computer Applications, Commerce, Physical Education, Life Science, Agricultural Science, Basic Science, Social Science & Humanities and Law. Set against a lush green campus, HRIT combines cutting-edge infrastructure with a vibrant learning environment. Our distinguished faculty features IIT Kanpur-educated professors, renowned academicians, and industry experts who enrich the student experience with insights from the forefront of research and practice. Our curriculum is designed to adapt to a rapidly changing world, emphasizing emerging fields like engineering, data science, and AI. Strategic industry partnerships ensure real-world exposure, making our graduates highly competitive in the job market. At HRIT University, we empower students to become future leaders and innovators, equipped to thrive in a dynamic global landscape!

About Faculty of Pharmacy

Established in 2006, Faculty of Pharmacy has grown into a leading institute in Pharmaceutical Sciences education. Accredited by the Pharmacy Council of India (PCI). FOP boasts state-of-the-art laboratories meeting PCI standards and modern, air-conditioned classrooms that enhance the learning experience. Accessibility is a priority, with the campus equipped with a lift for students’ convenience. FOP continues to shape future pharmacists to address the dynamic challenges of healthcare and research sectors. We offers D. Pharm., B. Pharm., M. Pharm. (Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, and Pharmacognosy), and Ph.D. programs, covering diploma, undergraduate, postgraduate, and doctoral levels in pharmaceutical education and research.



About HR institute of Physiotherapy

The department is equipped with modern clinical laboratories, including facilities for Exercise Therapy, Electrotherapy, and specialized neuro-rehabilitation labs, along with OPD services that provide outpatient rehabilitation and extensive hands-on clinical training. Strong emphasis is placed on technology integration through the use of wearables, virtual reality (VR) for pain management, and advanced robotic rehabilitation tools. Innovative therapeutic approaches such as Dry Needling, Manual Therapy (Maitland and Mulligan techniques), and Aquatic Therapy are routinely practiced. The department actively engages in community outreach through regular health camps and rural rehabilitation programs, reinforcing its commitment to comprehensive patient care and societal well-being.

Indian Pharmaceutical Association and Community Pharmacy Division

The Indian Pharmaceutical Association (IPA) is the premier professional association of pharmacists in India, with a membership of over 10,000 across the country. IPA actively conducts academic and professional development programs and is affiliated with leading international organizations such as FIP, FAPA, CPA, AAPS, IPSF, and WHO, through which it undertakes training initiatives, professional advocacy, and continuous upgradation of pharmaceutical services. The IPA Uttar Pradesh State Branch, established in 1983 and headquartered at Lucknow, is dedicated to the professional development and welfare of pharmacy professionals in Uttar Pradesh. The branch actively promotes skill enhancement, ethical practices, and alignment of pharmacy education and practice with global developments in the pharmaceutical sector through academic activities, training programs, workshops, and professional advocacy. The Community Pharmacy Division of the Indian Pharmaceutical Association (IPA) is dedicated to strengthening the professional role of community pharmacists in India’s healthcare system. The division promotes patient-centric pharmacy practice, ethical dispensing, rational use of medicines, and effective medication counseling at the community level.

Call for Papers (Oral/Poster)

- The Scientific Committee has great pleasure in inviting you to submit your original scientific work for presentation in any of the following scientific sessions during the conference. A 250-word abstract should be submitted the fields listed below.
- Authors whose abstracts are accepted will submit a full-length paper (maximum 10 pages including references) with plagiarism limited to 15%.*
- AI in drug discovery
  - Pharmacovigilance, ADR Monitoring, Clinical Research, Pharmacology and Toxicology
  - Pharmaceutical Technology
  - Medicinal Chemistry
  - Pharmacognosy, Indigenous Drugs, Herbal Formulations and Phytochemistry
  - Biopharmaceutics, Pharmacokinetics and Drug Metabolism
  - Pharmaceutical Analysis and Quality Assurance
  - Biotechnology and Biotherapeutics.
  - Drug Regulatory Affairs and Pharmaceutical Management
  - Pharmacoeconomics and Pharmacoepidemiology

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<b>Ms Pooja</b>	<b>Assist Prof. HRIP</b>		

Important dates

Description	Dates
<b>Call for Papers</b>	15 December 2025
<b>Last date for Paper submission</b>	10 February 2026
<b>Notification for acceptance</b>	15 February 2026
<b>Last date for full-length paper</b>	19 February 2026
<b>Last Date of Registration</b>	18 February 2026

Submission & Registration

Please submit Abstract/Full-length paper through email:caddr2026@hrituniversity.edu.in

Registration Fee

Category	amount
<b>Research scholar &amp; PG Students</b>	1000 INR
<b>Faculty members</b>	1000 INR
<b>UG Students</b>	500 INR

Contact Detail

<b>General information</b>	Dr. Neelam Singh, Dr. Pooja Arora	7065027343, 9910541325
<b>Information regarding registration</b>	Dr. Aklavya Singh Ms Sonakshi	9711238601 9557047699,
<b>Regarding Oral/Poster Presentation</b>	Ms. Ritu Chauhan, Mr. Aamir Malik	9968944104 8802255634
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