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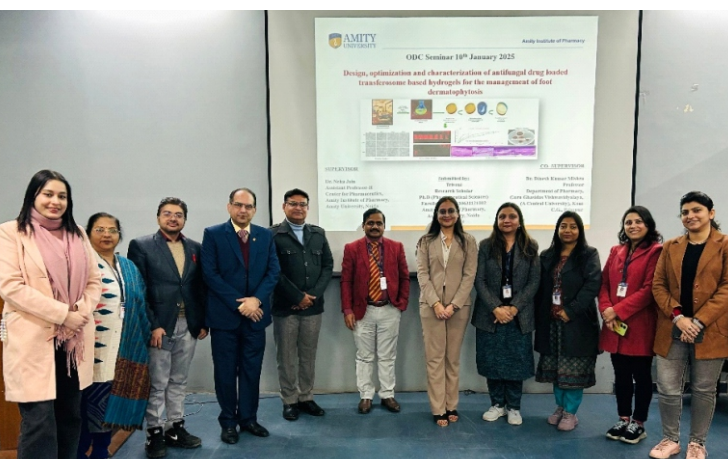
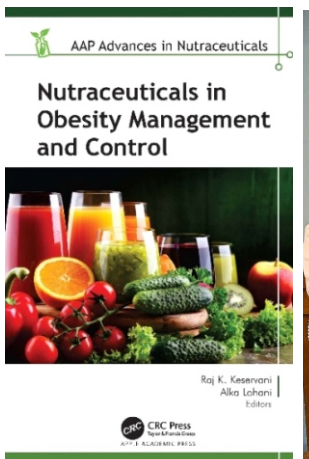
Assistant Professor

Dr. Navneet Sharma

Assistant Professor



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Faculty Achievements

- Dr. Navneet Sharma**, Granted CCRUM Project Rs. 27.5 Lacs
- Dr. Sangeetha Gupta**, Received ISSN International Science & Technology Awards and Global Achievement Award 2025
- Dr. Kavita Munjal**, Awarded Best Researcher Award by Shiva Institute of Pharmacy, Bilaspur, Himachal Pradesh
- Dr. Prakash Haloi**, Delivered a lecture in 5th International Global Cancer Conference on “Advances in Cancer and Cancer Immunotherapy
- Dr. Maryam Sarwat**, Invited as Distinguished Speaker on Unani Day 2025 & International Conference “innovations in Unani Medicine for Integrative health solutions – A way Forward” at Vigyan Bhawan **contd. page 7**

Invited Guest Editorial



Prof (Dr) Rakesh Kumar Sharma

Founder and President, CBRN Warriors India Foundation

CEO & Director (Academics & Innovation) Center for Disaster Preparedness, Recovery & Research (CDPRR)



It gives me immense pleasure to contribute to this editorial for the newsletter of Amity University on “Reimagining Regulatory Frameworks for Emergency Healthcare.” The subject is of critical importance, especially in light of recent global health emergencies that have highlighted the urgent need for more adaptive and responsive regulatory systems.

Among the most recent of these events was the COVID-19 pandemic, which exposed critical gaps in our global healthcare infrastructure none more apparent than the limitations of existing regulatory frameworks during health emergencies. Traditionally, these frameworks have been shaped around linear timelines, extensive preclinical validations, and cautious risk assessments. While such stringent protocols are indispensable for ensuring patient safety in stable environments, they often falter under the time-sensitive demands of a public health crisis. In such settings, the urgency of need often exceeds the capacity of conventional systems to respond. Hence, there is a pressing need to revisit, revise, and reimagine our regulatory architecture to be more anticipatory, adaptive, and responsive to emergencies without compromising on scientific rigor or ethical responsibility.

The Limits of Traditional Regulatory Mechanisms

Regulatory bodies such as the FDA, EMA, and CDSCO are built on principles of comprehensive evaluation, incremental approval, and long-term safety profiling. These principles have led to significant public trust in pharmaceutical governance. However, in times of crisis be it pandemics, bioterrorism threats, or sudden disease outbreaks these rigid, time-intensive processes become less viable.

The COVID-19 pandemic brought this friction to the forefront. While emergency use authorizations (EUAs) and rolling review mechanisms were eventually enacted, they were implemented as reactive measures rather than products of a pre-structured, emergency-ready regulatory paradigm. The prolonged timeline for initial authorizations, fragmented global responses, and challenges in data harmonization delayed access to life-saving interventions at critical moments.

Emergency Use Authorizations: A Step Forward, But Not Enough

The EUA mechanism, which allows the use of unapproved medical products during declared emergencies, provided a temporary bridge between urgency and regulatory compliance. However, it remains inherently limited in scope, often lacking standardized global criteria for initiation, implementation, and revocation. The decision-making process behind EUAs is frequently opaque and inconsistent across regulatory bodies, leading to disparities in access, trust, and implementation.

Furthermore, the absence of robust post-marketing surveillance systems under EUA frameworks poses concerns for long-term safety and efficacy monitoring.

This gap underscores the need for a more integrated model—one that begins with rapid approval but continues through to active, real-time pharmacovigilance and adaptive regulation.

Global Harmonization and Equitable Access

No regulatory framework can be truly effective without cross-border alignment. The fragmented regulatory response during COVID-19 contributed to global inequities in vaccine access and clinical trial participation. Collaborative initiatives such as the International Coalition of Medicines Regulatory Authorities (ICMRA) and WHO’s Solidarity Trial showed promise but lacked binding authority or centralized enforcement.

An evolved framework should prioritize:

- Mutual recognition agreements among regulatory authorities
- Pre-established emergency response taskforces with defined protocols
- Equitable distribution clauses within approval contracts to avoid nationalism in therapeutic access

Regulatory agility must not come at the expense of global fairness. Future strategies should integrate ethics and access from the earliest planning stages.

Ethical Guardrails and Risk Communication

Rapid authorization, while necessary, increases the ethical burden on regulators. Transparent communication regarding the basis of approvals, limitations of data, and potential risks is critical to maintaining public trust. Moreover, informed consent must evolve in emergency contexts to reflect uncertainty, while ensuring that participants are not unduly influenced or misled.

Risk communication must also be bidirectional incorporating feedback from communities, frontline clinicians, and real-time patient data. A two-way dialogue can help refine ongoing decision-making and reinforce societal engagement with public health policy.

Conclusion

The future of emergency healthcare hinges not only on scientific innovation but on the adaptability and foresight of our regulatory systems. Reactive regulatory measures, while necessary in the face of urgent need, will never replace the value of preparedness. A proactive framework, one that is anticipatory, tiered, transparent, and globally harmonized offers the most effective path forward. Strengthening emergency-ready regulatory pathways is not a concession of safety standards; it is a commitment to saving lives under extraordinary circumstances, with the same scientific integrity that governs routine practice.

As we move toward an era of more frequent and complex global health challenges, regulatory reform must be elevated to a central pillar of public health strategy. Only then can we ensure that when the next crisis strikes, our systems are not only reactive but resilient, not only rapid but responsible.

Prof. Rakesh Kumar Sharma

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From the Desk of Editor-in-Chief



Amity Institute of Pharmacy, based in Noida, Uttar Pradesh, is a prestigious institution that offers education and training in the field of Pharmaceutical Sciences. The institute was founded in 2007 with a focus on research and innovation, aligning with the mission and vision of Amity University. At present, the institute provides a Bachelor of Pharmacy program with an intake of 100 students. Additionally, we offer a Master of Pharmacy program with specializations in Pharmaceutics, Pharmacology, Drug Regulatory Affairs, Industrial Pharmacy, Pharmaceutical Analysis, Phytopharmacy & Phytomedicine. Furthermore, we also offer a rigorous & translational research-based Ph.D. program in Pharmaceutical Sciences. The institute is renowned for producing globally proficient, competent, and knowledgeable pharmacists who contribute to self-sufficient pharmaceutical companies and serve as practicing professionals. The institute has a robust network of over 8000 alumni who provide support and guidance to graduating pharmacists, helping them traverse the dynamic, demanding, diverse pharmaceutical industry with success.

The AIP Newsletter 'Pharma Panorama', is indexed with ISSN 3049-0944, provides a comprehensive collection of academic and curricular enhancements, teaching and learning activities, additional courses, research, intellectual property rights, and other results, showcasing the achievements of students and teachers over the period of January-March 2025.

I am glad to share the two more members are now associated as Editorial Board Members, Dr. Maryam Sarwat and Dr. Ramanpreet Walia of AIP. A substantial number of papers are published by students and faculties in reputable journals with higher impact factors, and they have also submitted patents to the Indian patent office. One SCOPUS indexed book was published by Dr. Alka Lohani entitled "Nutraceuticals in Obesity Management and Control". This comprehensive volume delves into the pivotal role of nutraceuticals and functional foods in combating obesity and its associated health complications. Several funded research projects are ongoing with a new project grant received by Dr. Navneet Sharma on Novel Unani Medicine infused Organic Oil based in-soles for diabetic foot care from Central Council for Research in Unani Medicine, Project ID: F No TECH-21/9/2025-CCRUM-HQ, Amount: 27,51,760/-. Dr. Sangeetha Gupta received "INTERNATIONAL RESEARCH STAR AWARD" for the Research & Excellence in Pharmacology by ISSN International Science & Technology Awards (IISTAC 2025) on 23rd March 2025. She also received "Global Achievement Award 2025" (Seventh Edition) Asian Admirable Achievers (Vol XIII) on 30th March 2025 by the Board of Editors, Rifacimento International, Delhi-based publishers of biographical books since 1982. Dr. Kavita Munjal received Best Researcher Award at Industry Sponsored Two Days International Conference organized by Shiva Institute of Pharmacy, Bilaspur, Himachal Pradesh. Dr. Maryam Sarwat was invited as Distinguished Speaker on Unani Day 2025 & International Conference

"Innovations in Unani Medicine for Integrative Health Solutions – A way Forward" at Vigyan Bhawan, New Delhi. Dr. Prakash Haloi and Dr. H.R. Chitme delivered a Talk on "Preclinical Models for the Development of Immune-oncology Therapies: Recent Progress, Challenges, and Future Prospects" and "Carcinogenic genes expressed by Ovarian Granulosa cells in response to endogenous stressors" respectively at Pre-Cancer workshop on Immunopharmacology, 5th International Global Cancer Consortium Conference, Amity University, Noida, India. 28th January, 2025 as an Invited speaker. As an International delegate, Dr. Cornelia Locher (Associate Professor of Medicinal and Pharmaceutical Chemistry at the Division of Pharmacy, University of Western Australia) was invited for guest lecture and faculty Interaction session. Dr. Locher presented her research work entitled "High Performance Thin-Layer Chromatography (HPTLC) Based Methods for the Analysis and Quality Control of Honey and Other Honeybee Products". An online guest lecture on "An insight of Pharmaceutical Industry: Fundamentals and Regulatory Framework" was given by Mr. Kapil Jain, QMS Manager in Medicamen Biotech Limited, Bhiwadi, Rajasthan.

AIP Innovation and Entrepreneurship (I& E) Cell organized a panel discussion "The Vision to Venture Talk by Budding Entrepreneurs" which was aimed to inspire young minds by providing insights into the entrepreneurial journeys of distinguished speakers from various industries. Inter and intra institutional activities were conducted at AIP for the overall scientific and personality development of our students by I&E Cell, R&W Cell. An interesting inter-institutional event organized by our I& E cell was the "Treasure Hunt" which was an engaging and adventurous event that witnessed enthusiastic participation from students across various departments. Neuroscience & Neuropharmacology Club organized the mind game activities with puzzles and quizzes. The R&W Cell, AIP successfully organized the Research Rumble panel discussion. Every goodbye holds a promise of a new beginning, so we celebrated farewell of our outgoing batches (B. Pharm Batch 2021-2025 & M. Pharm Batch 2023-2025) by organizing the event, SANDISHYA'2025.

Our students are placed on various positions in most reputed companies and majority of them are also undergoing internship according to their research streams and academic performance. Their exceptional performance in the interview makes them very deserving for the position they aspire to.

I am pleased to introduce the first quarterly issue of the year 2025 of 'Pharma Panorama', the official newsletter of Amity Institute of Pharmacy, Amity University Uttar Pradesh, Noida.

Dr. Havagiray R. Chitme
Head of the Institute
Amity Institute of Pharmacy

Past Issues of Our Newsletter



Editorial Team

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Professor & Hol,

Amity Institute of Pharmacy, Noida Campus



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Dr. Priyanka Saroj

Assistant Professor



Dr. Navneet Sharma

Assistant Professor



Dr. Maryam Sarwat

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Professor & Center Head, Centre for Industrial Pharmacy



Dr. Nitin Sharma

Professor & Centre Head, Centre for Pharmaceutics



Dr. Neerupma Dhiman

Professor & Ph. D Coordinator

Student Member



Ms. Pearl Sharma

Designed by:



Mr. Mahesh Kumar

Sr. Office Assistant, AIP

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Mr. Abhishek Tyagi	Sr. Director, FSP Hub Lead - India, ThermoFisher Scientific, Mumbai

Glimpses of our
Mega Events



About Us



Amity Institute of Pharmacy (AIP) is a well-established institution of Amity University, Uttar Pradesh, Noida having a high profile with interdisciplinary areas of specializations in Pharmacy offering UG, PG and PhD programs. Currently, AIP offers B.Pharm program with an intake of 100 and M.Pharm programs in Pharmaceutics, Pharmacology, Drug Regulatory Affairs, Pharmaceutical Chemistry, Pharmaceutical Analysis, Industrial Pharmacy and Phyto-Pharmacy. The Institute stands amongst top institutes with NIRF ranking and leads in the top 25 institutions since past 02 years. The Institute has received several research grants over last 05 years from funding agencies like SERB, ICMR, AAYUSH, CCRUM. AIP has more than 500 Scopus/WoS listed research publications and 25 patents to its credit in the last 05 years in diverse research areas like NDDS, Medicinal Chemistry, Neuropharmacology, Phyto-pharmaceuticals, Drug Regulatory requirements and pharmaceutical analysis etc.

The thrust areas of research include novel drug delivery systems for skin disorders and burns, drug discovery and development for cancer, diabetes, autoimmune diseases, neurodegenerative diseases like Alzheimer's, Parkinson's and Global regulatory framework for drugs, medical devices etc. The Institute is situated in a centrally air-conditioned four storey building. The Institute is having well equipped laboratories, one central instrumentation lab with HPLC, UV Spectrophotometer, ELISA Reader etc and Machine Room facilities. The faculties are well trained in diverse disciplines of Pharmacy and allied areas such as Pharmacology, Pharmaceutics, Pharmacognosy, Medicinal Chemistry, Pharm. Biotechnology etc. All the faculty members regularly attend Seminars, Conferences of National and International levels as well as Staff Development Programmes and also FDP organized by Amity University.



NIRF Ranking : 21

VISION:

"To become a leading centre of excellence of pharmaceutical science and technology education to fulfil the aspiration of students and fostering translational research through technology transfer, start-ups and entrepreneurship."

OBJECTIVES:

- To be the most valued institution of pharmacy in the country
- To offer the industry-ready curriculum-based pharmacy programs
- To produce technically competent pharmacy professionals
- To meet the growing aspiration in the field of pharmacy and healthcare professionals
- To be the innovation and research driven globally competent pharmacy institute

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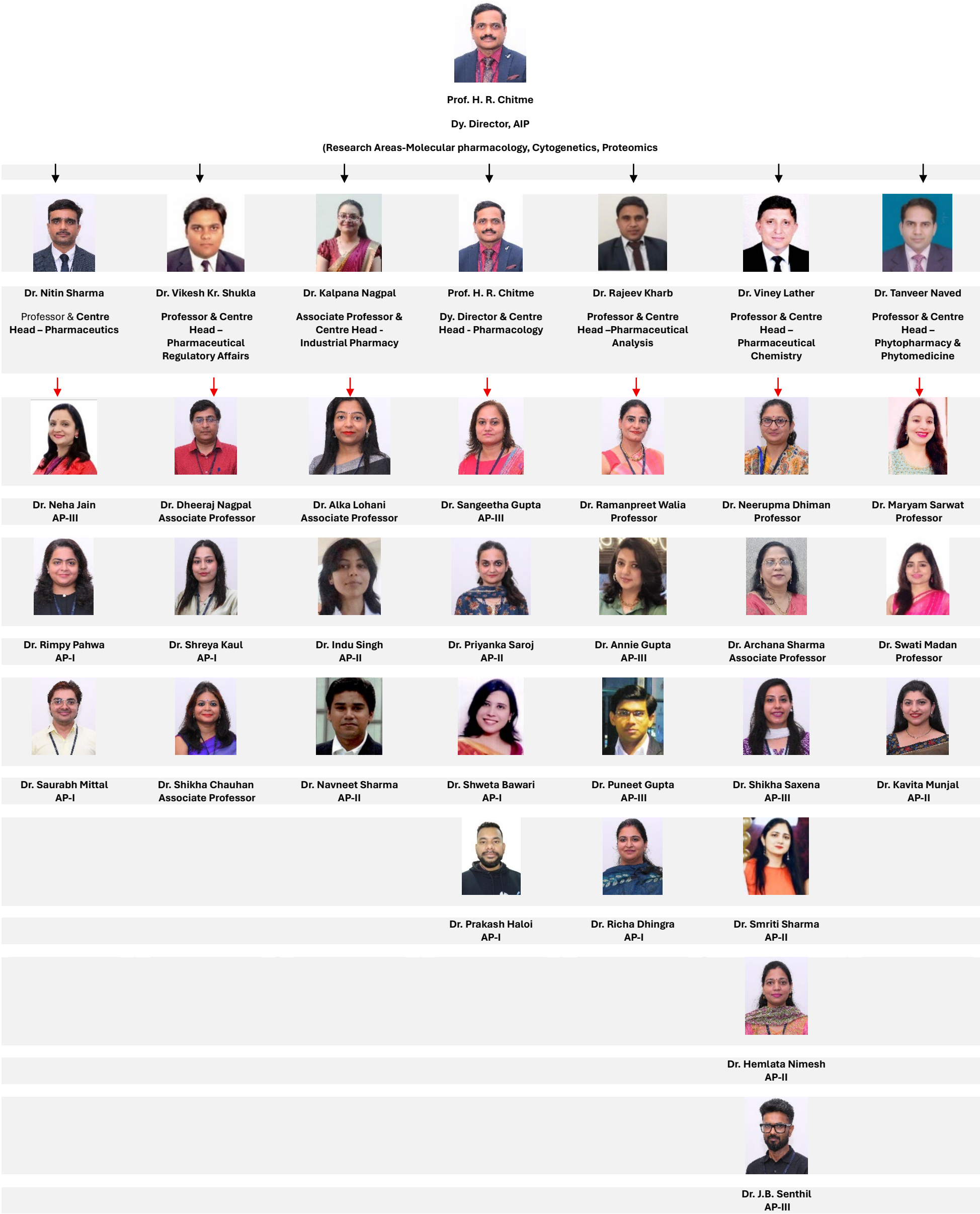
MASTER PROGRAMMES OFFERED:
M.Pharm (Pharmaceutical Regulatory Affairs/ Pharmaceutics/ Pharmaceutical Chemistry/ Pharmacology/ Industrial Pharmacy/ Pharmaceutical Analysis/ Phytopharmacy and Phytomedicine)
Ph.D. in Pharmaceutical Sciences

LAST DATE TO APPLY FOR THIS ROUND: 15TH JUNE, 2025

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AMITY UNIVERSITY
- NOIDA (DELHI NCR) -

Details of Research Centres in AIP



Faculty Achievements

Dr. Navneet Sharma



Project ID: F No TECH-21/9/2025-CCRUM-HQ
Amount: 27,51,760/-

Received grant on Novel Unani Medicine infused Organic Oil based insoles for diabetic foot care from Central Council for Research in Unani Medicine.

Prospects” as an **Invited speaker** at the 5th International Global Cancer Conference on “Advances in Cancer and Cancer Immunotherapy” from January 29th-31 January 2025. This was coupled with a one-day precancer workshop on “Immunopharmacology” on 28th January, 2025 which was organized jointly by Amity Centre for Translational Research and Global Cancer Consortium South Asia Chapter” at Amity University, Sector 125, NOIDA.

Dr. Kavita Munjal



Received **Best Researcher Award** at Industry Sponsored Two Days International Conference organized by Shiva Institute of Pharmacy, Bilaspur, Himachal Pradesh dated 15th-16th Feb 2025 with the theme "The Evolving Healthcare Landscape: Challenges and Opportunities Across Different Verticals"

Dr. Sangeetha Gupta



Received **ISSN International Science & Technology Awards (IISTAC)** “INTERNATIONAL RESEARCH STAR AWARD” for the Research & Excellence in Pharmacology by ISSN International Science & Technology Awards (IISTAC 2025) held on 23rd March 2025, at Diamond Hall, Jenneys Residency, Coimbatore, Tamil Nadu, India. (Award No. 232).

She also received “Global Achievement Award 2025” (Seventh Edition) Asian Admirable Achievers (Vol XIII) on 30th March, 2025 by the Board of Editors, Rifacimento International, Delhi-based publishers of biographical books since 1982.

Dr. Maryam Sarwat



Invited as **Distinguished Speaker** on Unani Day 2025 & International Conference “innovations in Unani Medicine for Integrative health solutions – A way Forward” at Vigyan Bhawan, New Delhi, 12 February 2025

Dr. Prakash Haloi



Delivered a Talk on “Preclinical Models for the Development of Immunoncology Therapies: Recent Progress, Challenges, and Future



Promotions and Appraisals

Faculty Promoted in the year 2025



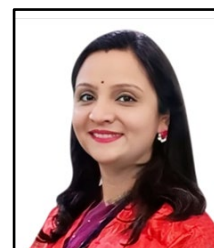
Dr. Swati Madan
Associate Professor, AIP

Promoted as:
Professor



Dr. Vikesh Kr. Shukla
Associate Professor, AIP

Promoted as:
Professor



Dr. Neha Jain
Assistant Professor -II, AIP

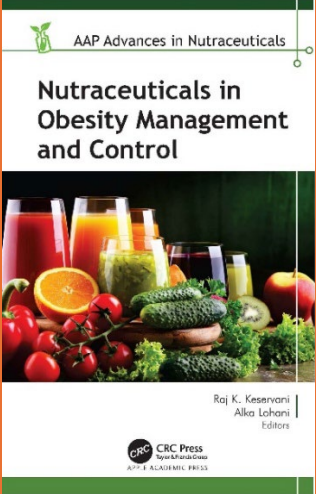
Promoted as:
Assistant Professor - III

Publications

S No.	Name of the Faculty	Publication Title	Publisher	Level	Month & Year
1	Dr. Havagiray R. Chitme	Sharma M, Maurya K, Nautiyal A, Chitme HR. Monogenic Diabetes: A Comprehensive Overview and Therapeutic Management of Subtypes of Mody. Endocr Res. 2025 Feb;50(1):1-11. doi: 10.1080/07435800.2024.2388606.	Taylor & Francis	Q3	Feb-2025
2	Dr. Havagiray R. Chitme	Khanna R, Chitme HR, Bhadoriya K, Tripathi YC, Varshney VK. In Vitro and In Vivo Assessment of Antidiabetic Activity of Cupressus torulosa D. Don Needles, Their LCQTOFMS Assisted Metabolite Profiling, and Implications for Diabetes Management. J Mass Spectrom. 2025 Mar;60(3):e5117. doi: 10.1002/jms.5117.	Wiley	-	Feb-2025
3	Dr. Havagiray R. Chitme	Singh K, Nainwal N, Chitme HR. A review on recent advancements in pharmaceutical technology transfer of tablets from an Indian perspective. Ann Pharm Fr. 2025 Mar;83(2):211-227. doi: 10.1016/j.pharma.2024.08.001.	Elsevier	Q3	Mar-2025
4	Dr. Hemlata Nimesh	Mishra S, Sachdeva M, Nimesh H. Network Pharmacology and Molecular Docking to Identify the Molecular Targets of Novel Indole-Quinoline Derivative in Cancer. Oriental Journal of Chemistry, 2025, Vol. 41, No. (1), Pg. 44-56. http://dx.doi.org/10.13005/ojc/410105		Q4	Feb-2025
5	Dr. Indu Singh	Bankar Anup Ramprasad,Sundeep Chaurasia,Indu Singh. Advanced stability-indicating RP-HPLC method for the quantification of lurasidone hydrochloride in bulk and PLGA-based in situ implant formulation. Annales Pharmaceutiques Françaises. Volume 83, Issue 2, March 2025, Pages 342-357.	Elsevier	Q2	Mar-2025
6	Dr. Indu Singh	Udit Chaturvedi, Shikha Baghel Chauhan, Indu Singh, The impact of artificial intelligence on remote healthcare: Enhancing patient engagement, connectivity, and overcoming challenges https://doi.org/10.1016/j.ipha.2024.12.003	Elsevier	-	Jan-2025
7	Dr. Indu Singh	Astha Singh, Shikha Baghel Chauhan, Indu Singh, Neurocosmetics: Exploring the Intersection of Neuroscience and Cosmetics, Current Cosmetic Science; Volume 4, Year 2025, e26667797354459. DOI: 10.2174/0126667797354459250204052908	Bentham Science	-	Feb-2025
8	Dr. Indu Singh	Anushka Choudhary, Shikha Baghel Chauhan, Rajan Swami, Indu Singh, Drug-Device Combinations in Dermatology: Integrating Pharmaceuticals with Advanced Cosmetic Technologies, Current Cosmetic Science; Volume 4, Year 2025, e26667797340276. DOI: 10.2174/0126667797340276241219105142	Bentham Science	-	Jan-2025
9	Dr. Kalpana Nagpal Chaswal	Gaur N., Parvez N., Nagpal K. Development and validation of a method of highly sensitive high-performance liquid chromatography for the quantitative determination of ketoconazole. Journal of Applied Spectroscopy. 2025; 92(2):274	Springer Nature	Q4	Mar- 2025
10	Dr. Kalpana Nagpal Chaswal	Dixit, S., Aggarwal, K. & Nagpal, K. Development and Validation of UV Spectrophotometric Method for the Estimation of Naringin in Bulk Followed by Its Solubility Study. J Appl Spectrosc 92, 183–190 (2025). https://doi.org/10.1007/s10812-025-01895-0	Springer Nature	Q4	Mar-2025
11	Dr. Kalpana Nagpal Chaswal	Prarthna, Nagpal K, Narwal S, Tuteja M. Quality by Design (QbD) Steered Microwave-Assisted Extraction Optimization of Piperine from Black Pepper Employing Response Surface Methodology . Scopus Indexed [Internet]. 2025 Feb. 15 [cited 2025 Apr. 24];18(1):7777-84. Available from: https://www.ijpsnonline.com/index.php/ijpsn/article/view/3612	PCI Approved Pharma Book Syndicate	Q4	Feb-2025
12	Dr. Kalpana Nagpal Chaswal	Bamanna A, Rajora A, Nagpal K. Enhancing Microemulsion-Based Therapeutic Drug Delivery: Exploring Surfactants, Co-Surfactants, and Quality-by-Design Strategies within Pseudoternary Phase Diagrams. Crit Rev Ther Drug Carrier Syst. 2025;42(2):35-71. doi: 10.1615/CritRevTherDrugCarrierSyst.2024053427.	Begel House	Q2	2025 Issue 2
13	Dr. Kalpana Nagpal Chaswal	Gupta, S., Kumari, M., Panja, K., Bajaj, P., & Nagpal, K. (2025). Nanobiocatalysis: Approach and Applications in Drug Development and Sensing. In Critical Reviews™ in Therapeutic Drug Carrier Systems (Vol. 42, Issue 1, pp. 55–88). Begell House. https://doi.org/10.1615/critrevtherdrugcarriersyst.2024051171	Begel House	Q2	2025

14	Dr. Maryam Sarwat	Gupta M, Nimesh H, Bilgrami AL, Sarwat M (2025) A saffron based polyherbal formulation DuK prevents hepatocellular carcinoma in male wistar rats. Curr Cancer Drug Targets. 25 (4) 335-344. doi: 10.2174/1568009623666230818115905.	Bentham Science	Q2	Apr-2025
15	Dr. Navneet Sharma	Nair, A. Dahiya A, Yadav, P.; Sharma N. Butola, B.S. Materials for the management of traumatic wounds: A descriptive review. European Polymer Journal Volume 222, 6 January 2025, 112475https://doi.org/10.1016/j.eurpolymj.2023.112475	Elsevier	Q1	Jan-2025
16	Dr. Navneet Sharma	Yadav P, Nair A, Chawla R, Ghosh S, Aleem M, Butola BS, Sharma N, Khan HA. From cell to organ: Exploring the toxicological correlation of organophosphorus compounds in living system. Toxicology. 2025 Feb; 511:154049. doi: 10.1016/j.tox.2025.154049.	Elsevier	Q1	Feb-2025
17	Dr. Navneet Sharma	Yadav, P.; Chawla, R.; Khattar, Varnika.; Nair, A.; Butola, B.S.; Sharma, N.; Khan, H.A. Green decontaminants for the remediation of chemical, biological, radiological and nuclear contaminants. Phytochemistry Reviews. https://doi.org/10.1007/s11101-025-10079-9	Springer Nature Link	Q1	Feb-2025
18	Dr. Navneet Sharma	Yadav, S. Shukla, V.K. Sharma, P. Sharma, N. Navigating Dental Device Regulations: Current Landscape and Future Prospects. Biomedical Materials & Devices 2025. https://doi.org/10.1007/s44174-025-00302-8	Springer Nature	Q2	Mar-2025
19	Dr. Nitin Sharma	Sharma A.; Sharma A.; Khanna K.; Arora A.; Mehan S.; Sharma N. Enhancing therapeutic efficacy of fingolimod via intranasal delivery in an ethidium bromide-induced model of multiple sclerosis. Journal of Neuroscience Methods 2025. 418 (2025)110415.	Elsevier	Q2	Feb -2025
20	Dr. Saman Fatima	Mishra, A.; Qamar, F.; Ashrafi, K.; Fatima, S.; Samim, M.; Mohmmmed, A.; Abdin, M.Z. Emerging nanotechnology-driven drug delivery solutions for malaria: Addressing drug resistance and improving therapeutic success. International Journal of Pharmaceutics 2025, 7, 125163. https://doi.org/10.1016/j.ijpharm.2024.125163.	Elsevier	Q1	Feb-2025
21	Dr. Shikha Baghel Chauhan	Sibtain Basit, Indu Singh, Shikha Baghel Chauhan, Therapeutic Potentials and Applications of Cannabis-Derived Compounds in Cosmeceuticals, Current Cosmetic Science; Volume 4, Year 2025, e26667797337107. DOI: 10.2174/0126667797337107250211101229	Bentham Sciences	-	Feb-2025
22	Dr. Shikha Baghel Chauhan	Chauhan, S. B., Singh, I., & Singh, S. (2025). Formulation and Evaluation of Hydrocortisone Acetate Loaded Nanostructured Lipid Carriers (NLCs) in Hydrogel for the Treatment of Psoriasis. International Journal of Pharmaceutical Sciences and Nanotechnology (IJPSN), 18(1), 7849–7857. https://doi.org/10.37285/ijpsn.2025.18.1.12	IJPSN	-	Feb-2025
23	Dr. Shikha Baghel Chauhan	Jaitawat, Dhruv & Singh, Indu & Chauhan, Shikha. (2025). Transforming Pharmaceutical Manufacturing: The Role of Machine Learning Algorithms and Emerging Trends. Current Computer Science. 04. 10.2174/0129503779365887250312072050.	Bentham Sciences	-	Mar-2025
24	Dr. Swati Madan	Sanjana Prasad, Swati Madan, Anupam K. Mangal and Ravindra Singh and Sharad Pawar4. In- Vitro Evaluation of Antioxidant and Antidiabetic Activity of Phalatrikadi Kwatha Churna. IJPSR (2025), Volume 16, Issue 5, 1000-07.			Mar-2025
25	Dr. Vikesh Kumar Shukla	S Tyagi, VK Shukla, S Arora, CMC and QMS Regulatory Requirements and Challenges for mRNA-based Vaccines Current Drug Therapy 20 (2), 149-160	Bentham Science	Q3	Feb-2025
26	Dr. Vikesh Kumar Shukla	Archita Katrolia, Vedpal, Vikesh Kumar Shukla, Rohit Singh, Sheenu Chandra, In vitro Evaluation of Curcumin and Quercetin in Combination on Oxidative Stress. Indian Journal of Pharmaceutical Education and Research 59 (1S), 214-220	APTI	Q3	Jan-2025
27	Dr. Vikesh Kumar Shukla	Simran Yadav, Navneet Sharma, Vikesh Kumar Shukla, Navigating Dental Device Regulations: Current Landscape and Future Prospects biomedical materials and devices 3 (1), 1-12	Springer	Q2	Feb-2025

Book

	Author Name	Dr. Alka Lohani	Description This comprehensive volume delves into the pivotal role of nutraceuticals and functional foods in combating obesity and its associated health complications. It provides detailed information on nutraceuticals that can be helpful in the control and management of obesity. It clarifies key aspects of nutraceuticals that include sources, extraction, chemistry, mechanisms of action, pharmacology, bioavailability, safety, and various applications. Aimed at researchers, healthcare professionals, and students in nutrition and medical sciences, this work serves as a valuable resource for those seeking to understand and apply nutraceutical approaches in obesity management.
	Book Title	Nutraceuticals in Obesity Management and Control	
	Month and year	February, 2025	
	Publisher	Apple Academic Press Inc./CRC Press	
	ISBN	9781774917664	

Book Chapters

S. No.	Author Name	Book chapter details	Month and Year	Publisher	ISBN
1	Dr. Alka Lohani	Shahbaz Khan, Alka Lohani, Naina, Amit Kumar, Sunaina, Ankita Singh, Mohit Agrawal. Inflammation, Mitochondrial Dysfunction and Oxidative Stress Mechanisms in the Pathogenesis of Parkinson's Disease: Emerging Therapeutic and Clinical Approaches. In: Neurogenerative Disorders: Mohit Agrawal, Manmohan Singhal, Amit Kumar Nayak, Shailendra bhatt , Kamal Shah (Eds.).	Jan 2025	Nova Science Publisher, New York.	979-8-89530-143-2
2	Dr. Hemlata Nimesh	Souvik Sur, Hemlata Nimesh. Challenges and limitations of computer-aided drug design. Advances in Pharmacology Volume 103, Pages 415 – 428.	Jan 2025	Elsevier	978-044334649-1
3	Dr. Kalpana Nagpal Chaswal	Rajora, A., Nagpal, K. (2025). Suspensions: Theory, Formulation Considerations, Flocculated and Deflocculated Suspensions, and Evaluation of Suspension Stability. In: Jain, K., Yadav, A.K. (eds) Advances in Pharmaceutical Product Development, Singapore. https://doi.org/10.1007/978-981-97-9230-6_8	Mar 2025	Springer	978-981-97-9229-0
4	Dr. Maryam Sarwat	Gandhi, H., Arora, S., & Sarwat, M. (2025). Role of microbiota-gut-brain axis in obesity on cognitive functions. In Microbiota-Gut-Brain Axis and CNS Disorders (pp. 343-358).. https://doi.org/10.1016/B978-0-443-21680-0.00015-8	Feb-2025	Academic Press	978-0-443-21680-0
5	Dr. Maryam Sarwat	Sominder, A., Nimesh, H., & Sarwat, M. (2025). Nanotherapeutics in septicemia. In: Applications of Nanotherapeutics and Nanotheranostics in Managing Infectious Diseases (pp. 583-606).. https://doi.org/10.1016/B978-0-443-28836-4.00024-X	Mar-2025	Academic Press	978-0-443-28836-4
6	Dr. Neerupma Dhiman	Poonam Sharma, Bhupesh Sharma, Kamlesh Kumar Vishwakarma, A Raghu Rama Setty, Parth Sandeep, Neerupma Dhiman, Sandeep Arora, Book: Microbiota-Gut-Brain Axis and CNS Disorders Chapter 12 - Role of microbiota-gut-brain axis in brain infections and possible interventions, Academic Press, 2025, Pages 267-296, https://doi.org/10.1016/B978-0-443-21680-0.00012-2 .	Jan-2025	Academic Press	ISBN 9780443216800,
7	Dr. Neha Jain	Triveni Tiwari, Aditi Sinha, Manisha Pandey, Viney Chawla, Pooja A Chawla, Neha Jain. Emerging need of novel drug delivery systems in management of CNS disorders. Novel Drug Delivery In book: Systems in the management of CNS Disorders. Publisher: Academic Press, pp. 93-103	Jan-2025	Academic Press	978-0-443-13474-6
8	Dr. Shikha Baghel Chauhan	Chapter Nanophytoherbals: Advanced Formulations for Enhanced Wound Healing.Shikha Baghel Chauhan, Indu Singh, Aiman Usmani and Astha Singh (Book title :Phyto-Nanomedicine: Advancements and Development in Drug Discovery and Delivery Systems)	Feb-2025	NOVA Science Publisher	979-8-89530-317-7

Ph.D. Awarded /Pre-Ph.D. Submitted

S.N	Name of the scholar	Guide Name	Thesis Title	Status	Date of ODC
1	Ms. Nidhi Sharma	Dr. Maryam Sarwat	Protective role of kaempferol in hepatocellular carcinoma by alteration of ER Signalling	Thesis submission: 20.2.2025	
2	Ms. Triveni	Dr. Neha Jain	Design, optimization and characterization of antifungal drug loaded transferosome based hydrogels for the management of foot dermatophytosis	ODC successfully conducted	10 Jan 2025





Group Photograph of Ms. Triveni with external examiner and AIP faculty members

Sanctioned/Ongoing Funded Research Projects

#	Name of the Investigator	Project No.	Funding Agency	Title of the project and duration	Sanctioned Amount (in Rs.)
1.	Dr. Maryam Sarwat	3-158/2022-ccrum/Tech	CCRUM	To study the Immunomodulatory effect of Khamira-e-Gaozaban Sada (KGS) and Sugar Free KGS (sf KGS) on D-amphetamine (AMPH) Induced Mania Model of Bipolar Disorder (BD)	30,53,690
2.	Dr. Maryam Sarwat (Co-PI)		CCRUM	<i>In-vitro</i> evaluation of antiviral activity of Unani Drugs and their green nanoparticles against Dengue virus	24,80,000
3.	Dr. Annie Gupta	2655	CST, UP	Metabolomics based bioprospection of medicinal weed plant- <i>Achyranthus aspera</i> in search of elite chemotype in Uttar Pradesh	13,00,000
4.	Dr. Puneet Gupta	3-52/2022-CCRUM/Tech	CCRUM	Formulation Development and preclinical evaluation of novel Unani dispersible tablets for immunomodulatory activity and as adjuvant to Anticancer therapy	30,53,690
5.	Dr. Havagiray R. Chitme	CST/D-786 Project ID 4000	CST, UP	Fractionation, Characterization and Identification of Diagnostic Biomarker from Follicular Fluid of Patients Diagnosed with Endometriosis	16,36,000
6.	Dr. Navneet Sharma	Registration no. TPN/77817	DST, IIT Delhi	Textile Based NBC Nuclear, Biological and Chemical Decontamination Handwear, Funded Technology Development Transfer by Division,	55,90,000
7.	Dr. Navneet Sharma	Order No: 1/9/2024-9th MSG/10	MoT, IIT, Delhi	Fabrication and Evaluation of the Gamma Protective Clothing, Funded by National Technical Textile Mission,	1,00,00,000
8.	Dr. Nitin Sharma	3/85/2023-CCRUM/Tech	CCRUM	Colon targeting of Unani Medicine via gum (polysaccharide) based oral formulations for effective treatment of irritable bowel syndrome: Clinical Intervention by Gamma Scintigraphy	22,41,000
9.	Dr. Nitin Sharma	CRG/2023/006908	ANRF (SERB), Delhi	Extraction, physicochemical characterization and application of <i>Opuntia ficusindica</i> plant polysaccharide f Apigenin delivery through nanocarrier approach	41,38,000
10	Dr. Nitin Sharma (Co-PI)	CRG/2023/003432	ANRF (SERB), Delhi	Comprehending the correlation between nanoinformatics data and mechanistic nanoformulations	3,19,000
11	Dr. Swati Madan	Z-18017/188/CSS/NGO/ Ashwagandha-Campaign/ UP-01/2024-25-NMPB	NMPB, AYUSH, GOI	National campaign on Ashwagandha -a Health Promoter	18,90,000
12	Dr. Kalpana Nagpal Chaswal	SPS25-5097232627	International Brain Research Organisation (IBRO), Delhi	Neuro-pharmaco-behaviour studies in acute and chronic animal models	USD 5000
13	Dr. Navneet Sharma	F No TECH-21/9/2025-CCRUM-HQ	CCRUM	Novel Unani Medicine infused Organic Oil based in-soles for diabetic foot care	27,51,760

Guest Lecture Organised/Delivered

S.N	Name	Delivered	Photograph
1	Dr. Puneet Gupta	Delivered Lecture in International Conference on “AI Frontier in Health Sciences: Unveiling New Possibilities & Challenges” at Constitution Club of India, New Delhi, on 29th March 2025 organized by Metro College of Health Sciences & Research in collaboration with P.R.S. Educational Trust (https://www.youtube.com/live/lkZJRtuymXA?si=VuBsk6fhi4lNvKfg)	
2	Dr. Hemlata Nimesh	A guest lecture and Faculty Interaction session was organized by Amity Institute of Pharmacy on 7 th February 2025 with the eminent specker, Dr. Cornelia Locher (Associate Professor of Medicinal and Pharmaceutical Chemistry at the Division of Pharmacy, University of Western Australia). Dr. Locher presented her research work entitled “High Performance Thin-Layer Chromatography (HPTLC) Based Methods for the Analysis and Quality Control of Honey and Other Honey Bee Products” .	





AMITY INSTITUTE OF PHARMACY





**An insight of Pharmaceutical Industry:
FUNDAMENTALS AND REGULATORY FRAMEWORK**

Mr. Kapil Jain
QMS Manager
Medicamen Biotech Limited (USFDA/EU/ANVISA approved)



SCAN TO JOIN

THURSDAY **TIME**
06 March 2025 10:00AM

CONVENER

Dr. Havagiray R. Chitme
Dy. Director
Amity Institute of Pharmacy

CO-CONVENER

Dr. Vikesh Kr. Shukla
Associate Professor & Centre Head
Amity Institute of Pharmacy

COORDINATOR

Dr. Rimpay
Assistant Professor
Amity Institute of Pharmacy

- An online guest lecture was held on “An insight of Pharmaceutical Industry: Fundamentals and Regulatory Framework” by Mr. Kapil Jain, QMS Manager in Medicamen Biotech Limited, Bhiwadi, Rajasthan on 06 March 2025.
- The lecture was mainly focused on the basic aspect of industry, industrial structure, its different department and departmental roles.
- Mr. Jain discussed with approximately 80 students of PG mainly about the industrial planning and how the work used to be done in many departments.
- Regulatory assessment in pharmaceutical industry (either API or formulation plant) was also defined properly in the online session.

Patents Filed

S.No	Name of Inventors	Title	Complete/ Provisional	Date of Submission	Application No.
1	Dr. Maryam Sarwat	A COMPOSITE MATERIAL DESIGNED TO POSSESS POTENT ANTIBACTERIAL PROPERTIES AGAINST ESCHERICHIA COLI AND BACILLUS SUBTILIS	Filed	14.2.2025	202411010265
2	Dr. Sangeetha Gupta	'AI-BASED SYSTEM FOR PREDICTING STAGES OF CHRONIC LIVER DISEASE IN PRECLINICAL MODELS' "	Filed	-	202511041838

Industrial Visit

M.Pharm. Pharmaceutical Analysis students of Batch 2024-26 visited the Large Volume Parenteral Manufacturing and Analysis facility of Albert David Limited, Ghaziabad on 6th February, 2025. Dr. Puneet Gupta coordinated and managed the Industrial tour.



Annual Inspection conducted by Pharmacy Council of India

Inspection by Pharmacy Council of India (PCI) was conducted for B. Pharm. And M. Pharm. (all branches) at Amity Institute of Pharmacy for the year 2025-26. PCI has deputed Dr. Umesh Kumar Patil, Prof. and Dean, Dr. Harisingh Gour Vishwavidyalaya, Sagar and Prof. Sushil Kumar Kashaw, from Dr. Harisingh Gour Central University, Sagar-M.P., India.



Welcome of PCI Inspectors by Prof. H. R. Chitme with Tulsi sapling and Glimpses of visit to central library, animal house and other laboratories.

Many of our students go on to study at prestigious universities around the world



UNIVERSITY OF
SURREY



UNIVERSITY OF
BATH



OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY

Leading Recruiters at the Amity Institute of Pharmacy

Placements

Our students got placed in Leading companies like- Fresenius Kabi, Dabur, Phronesis Partner, Systopic, Synokem Laboratories, Orchid Pharma

Name of Company	Names of Students	Enrolment No.	Course
Cipla	Ms SHIBANGI RAWAT	A4513321110	B.Pharm
Cipla	Ms RACHANA KUMARI	A4513321043	B.Pharm
Cipla	Ms SHREYA CHATURVEDI	A4513321091	B.Pharm
Fresenius Kabi	Mr NITISH KUMAR TIWARI	A4513321071	B.Pharm
Fresenius Kabi	Mr KUNDAN KUMAR	A4513321019	B.Pharm
Phronesis Partner	Ms ANANYA SHUKLA	A4513321053	B.Pharm
Phronesis Partner	Ms PALLAVI SINGH	A4513321050	B.Pharm
Phronesis Partner	Mr DEVANSH NAGPAL	A4513321103	B.Pharm
Zyla	Ms ANAM ARORA	A4513321035	B.Pharm
Orchid	Mr SAMEER JHA	A4513321089	B.Pharm
Dabur	Ms RAKSHITA	A10647023014	M.Pharm
Systopic	Mr SHUBHAM KUMAR	A10647023005	M.Pharm
Virohan	Ms AQSA NADEEM	A10654923009	M.Pharm

Interviews under Process in leading companies

Sun Pharma Metronic, Innodata Ltd, Kusum Health Care, Ultragenic, Vivnovation

Event organized by placement cell

PLACEMENT AT A GLANCE

Some of the corporates where our students are working:

Panel discussion on 'Vision to Venture Talk for Budding Entrepreneur' was organised by E-Cell on 20th February 2025

List of Conferences and Workshops Attended in 2025

SN	Name of the faculty	Conference detail	Place	Date	Details of presentations
1	Dr. Maryam Sarwat	Sustainable Biotech Solutions for Global Challenges	Jamia Hamdard	19-21 Feb. 2025	Invited Lecture
2	Dr. Maryam Sarwat	Innovations in Unani Medicine for Integrative Health Solutions- A way Forward	Vigyan Bhawan, New Delhi	11-12th Feb. 2025	Invited Lecture
3	Dr. Prakash Haloi	Participated in a one-day workshop on "Immunopharmacology" held on 28th January 2025. The Amity Centre organized the event for Translational Research at Amity University, Sector 125, Noida.	AUUP, Noida Campus	28th Jan, 2025	Participated
4	Dr. Puneet Gupta	Innovations in Unani Medicine for Integrative Health Solutions- A way Forward	Convener	11-12th Feb. 2025	Participated
5	Dr. Ramanpreet Walia	Harmonizing Informatics Tools with Pharmaceutical Research for accelerated translation in Healthcare: Academia and Industrial Perspectives	Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala (India) in collaboration with APTI	Feb 14-16, 2025	Resource Person as oral presentation Evaluator
6	Dr. Richa Dhingra	International e - Faculty Development Programme on Integration of Sustainable Practices in Pharmaceuticals: Academia, Industry, Research and Public Health.		24 March 2025 to 28 March 2025.	Participated
7	Dr. Richa Dhingra	FDP titled "Emerging Innovations and Advances in Pharmaceutical Research" by Amity Institute of Pharmacy, AMITY UNIVERSITY GREATER NOIDA CAMPUS	Amitu University, Greater Noida	13-14 February 2025	Participated

8	Dr. Saman Fatima	National Conference cum Workshop on “Sustainable Biotech Solutions for Global Challenges” organized by the Department of Biotechnology, School of Chemical and Life Sciences (SCLS), Jamia Hamdard. Invited lecture on “Designing γ-L-Glutamyl-L-Cysteine-Coated Human Serum Albumin Nanoparticles for Brain-Targeted Delivery of Ropinirole: A “3A Approach” to Combat Cerebral Ischemia/Reperfusion Injury”. (Oral)	Jamia Hamdard, New Delhi, India	21st February, 2025	Participated
9	Dr. Sangeetha Gupta	Presented a poster titled ‘Role of insulin-like growth factor/receptor signaling in hepatocellular carcinoma’ in the international conference on viksit bharat 2047: reaching the unreachable through chemical & biological sciences (VBVB-2025)	Noida UP	18th – 20th February 2025.	Participated
10	Dr. Vikesh Kumar Shukla	The National Conference-cum-Workshop on 'Sustainable Biotech Solutions for Global Challenges'	Jamia Hamdard. New Delhi	19 to 21 February 2025	Invited Speaker

Committee/Club Activities at AIP

I&E Cell activity: Panel Discussion

Dr. Tarun Gupta

Founder & CEO

VaidyaRx Private Limited

Dr. Shailendra Vyas

Director & CEO

Bioheaven360 Genotec Pvt Ltd

Mr. Deepak Singh

Director & CEO

Pinnaxis

PANEL DISCUSSION

VISION TO VENTURE

TALK FOR BUDDING

ENTREPRENEUR

Prof. (Dr.) Harviray R. Chitmo

Organising Chair

Prof. (Dr.) Viney Lather

Convener

Prof. (Dr.) Nitin Sharma

Organising Secretary

Dr. Annie Gupta

Member

Thursday, 20 February 2025

02:00PM-04:00PM

Room No. 307, J1-Block

ORGANIZED BY: INNOVATION AND ENTREPRENEURSHIP CELL, AMITY INSTITUTE OF PHARMACY

Event Report: Vision to Venture Talk by Budding Entrepreneurs

Organized by: Innovation and Entrepreneurship Cell, Amity Institute of Pharmacy Date: 20 February 2025

Overview:

The Vision to Venture Talk by Budding Entrepreneurs, organized by the Innovation and Entrepreneurship Cell, Amity Institute of Pharmacy, aimed to inspire young minds by providing insights into the entrepreneurial journeys of distinguished speakers from various industries. The session focused on bridging the gap between vision and execution in entrepreneurship, offering valuable lessons on innovation, leadership, and business growth.

Speakers:

The event featured three eminent speakers who shared their entrepreneurial journeys and insights:

- Mr. Tarun Gupta – Founder and CEO of VaidyaRx Pvt Ltd, with over 15 years of experience in Health-Tech, Bio-Tech, MedTech, and AI, holding 40+ national and international accolades. He is renowned for his transformative contributions to healthcare innovation.
- Dr. Shailendra Vyas – Director and CEO of Bioheaven 360 Genotec Pvt Ltd, Vice President of the Federation of Indian Industry, and Chairperson of the Startup Committee. With expertise in genomics, molecular biology, and diagnostics, he leads AI-driven healthcare solutions, having secured ₹1 crore funding from DFAN for advancing innovative medical devices.

Master's Programme at AIP, Noida

AMITY INSTITUTE OF PHARMACY

M.Pharm. Phytopharmacy & Phytomedicine

AMITY INSTITUTE OF PHARMACY

M.Pharm. Industrial Pharmacy

AMITY INSTITUTE OF PHARMACY

M.Pharm. Pharmacology

AMITY INSTITUTE OF PHARMACY

M.Pharm. Pharmaceutical Analysis

AMITY INSTITUTE OF PHARMACY

M.Pharm. Drug Regulatory Affairs

AMITY INSTITUTE OF PHARMACY

M.Pharm. Industrial Pharmacy

AMITY INSTITUTE OF PHARMACY

M.Pharm. Pharmaceuticals

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- Mr. Deepak Singh – Director and Co-founder of Pinnaxis IT Solutions, with over 20 years of IT industry experience. An alumnus of NSUT and IIM-A, he specializes in Drug Safety and Risk Management solutions for global pharmaceutical companies.



Event Structure:

The session was structured as follows:

- Commencement of the Session: The event began with a warm welcome and opening address by Dr. Tanveer Naved, Deputy Dean, Amity Institute of Pharmacy, setting the tone for the enlightening session. More than 50 students joined the session.
- Welcome Speech: Dr. HR Chitme, Director, Amity Institute of Pharmacy, delivered the welcome speech, emphasizing the

significance of entrepreneurial spirit and innovation in shaping the future of healthcare and technology.

- Speaker Sessions: Each speaker delivered a 30-minute talk, sharing their entrepreneurial journeys, challenges, and insights into their respective fields. The interactive sessions provided students with practical knowledge and motivation to pursue entrepreneurship.
- Q&A Session: The audience engaged with the speakers through a lively Q&A session, seeking advice and discussing emerging trends in healthcare and technology entrepreneurship.
- Vote of Thanks: The session concluded with a heartfelt thank-you note by Dr. Nitin Sharma, expressing gratitude to the speakers, organizers, and participants for making the event a great success.

Anchor: The event was seamlessly anchored by Dr. Annie Gupta, who ensured the smooth flow of the session and maintained audience engagement throughout.

Conclusion:

The Vision to Venture Talk successfully inspired budding entrepreneurs by providing valuable insights into the journeys of accomplished business leaders. The event fostered a spirit of innovation and encouraged students to translate their visions into impactful ventures, aligning with the core mission of the Innovation and Entrepreneurship Cell.

Innovation & Entrepreneurship Cell Amity Institute of Pharmacy

TREASURE HUNT EVENT REPORT

Event Name: **Treasure Hunt**

Date: **27th February 2025**

Total Participants: **150**

Event Overview:

The Treasure Hunt was an engaging and adventurous event that witnessed enthusiastic participation from students across various departments, including Biotechnology, ASET, AIMMSCR, and Business. The registration for the event remained open for approximately one month, allowing ample time for interested students to enroll.

Event Coordination:

The event was successfully organized under the leadership of coordinators Pearl Sharma, Yashika Garg, and Harshita Kochhar. Their meticulous planning and execution ensured a seamless experience for all participants.

Team Formation and Structure:

A total of 18 teams were formed, each comprising 6-8 members. Every team was assigned a dedicated volunteer and provided with a unique set of clues. The sets of clues varied in shape, color, and riddles, adding an element of intrigue to the hunt.

Event Execution:

The event commenced at 2:00 PM with all participants gathering outside J3. Volunteers distributed the first set of clues, and teams began solving riddles to navigate through different locations on campus. Each team followed a distinct path, solving successive clues leading them closer to the final destination.

The final clue was a leaf inscribed with "THE END," strategically placed among the trees between

I2 and F2. Teams raced against time, solving their riddles with enthusiasm and determination.

Winning Team:

The winning team was "Team Louis Vuitton", consisting of students from M. Pharm 1st Year, Amity Institute of Pharmacy. Their assigned volunteer was Abhishek Sharma, and they worked through Set P clues, distinguished by their cube shape. The team members were:

1. Aman Kumar Patra
2. Joel George
3. Abhisar Sahu
4. Aditya Malik
5. Shreyanshi Mishra
6. Aniket Yadav
7. Mohit Singh
8. Rohan

They successfully located the final clue, the leaf in the bushes, and emerged as the champions.

Awards and Recognition:

The winning team was awarded an exciting gift hamper worth INR 1500, which included food goodies, cosmetics, and two EaseMyTrip coupons.

Conclusion:

The Treasure Hunt marked the first university-level event of its kind and was a grand success. The enthusiastic participation, well-organized clue distribution, and smooth execution contributed to a thrilling and memorable experience. The event received overwhelming positive feedback and set a strong precedent for future university-level competitions.



Neuroscience & Neuropharmacology Club



Date: 06-02-25
Venue: J1-307 (Third Floor)
Timings: 2:30 onwards



Activities:-
Brain Games & Puzzles
Brain Model Making

**EXCITING PRIZES & E-CERTIFICATES
WILL BE PROVIDED...**

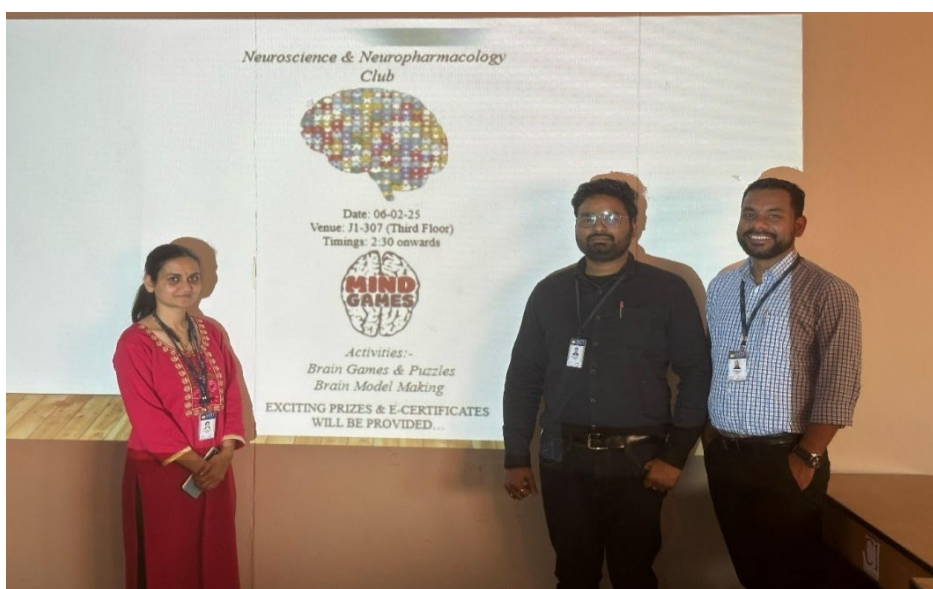
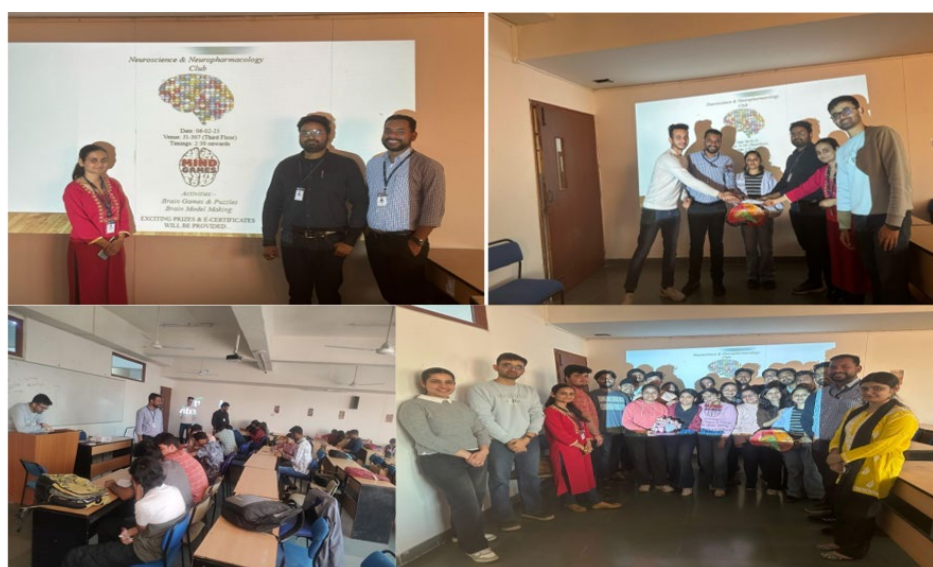
Register by Scanning the QR code.



For Further details Contact: Dr. Priyanka Saroj (+91-8557849818)
Mr. Sarthak Dahiya (+91-8851507645)

The Neuroscience & Neuropharmacology Club successfully organized "Oral Presentation and Model Making Competition" on 06/ 03/25 as an intellectually stimulating competition aimed at fostering knowledge and collaboration in the fields of neuroscience and neuropharmacology. The event saw enthusiastic participation from various institutes, including the Amity Institute of Biotechnology, Amity Institute of Neuroscience, Amity Institute of Pharmacy, students from the Physiology Department, and many more, highlighting its interdisciplinary appeal.

Participants engaged in thought-provoking debates on neuroscience-related topics, showcasing critical thinking, effective communication, and teamwork. The event provided a platform for knowledge exchange, networking, and skill development, encouraging collaboration among students and faculty from diverse disciplines. It broadly discusses the role of Neuroplasticity in learning and memory. Role of herbal medicines in treating neurological disorders. Create physical or digital models of brain anatomy, pathways, or mechanisms of neuropharmacological drugs. Encourage innovation and understanding of neuroscience concepts. Also, challenge members with thought provoking questions, myths and facts in neuroscience.



Cultural Committee Activities



SANDISHYA'2025: Farewell Event Report

B. Pharm Batch 2021-2025 & M. Pharm Batch 2023-2025

Date: **18th March 2025 (Tuesday)**

Faculty Coordinators: **Dr. Smriti Sharma, Dr. Kavita Munjal, Dr. Alka Lohani**

A Bittersweet Goodbye – Celebrating Our Seniors: Every goodbye holds a promise of a new beginning, and on the 18th of March 2025, the halls of Amity Institute of Pharmacy (AIP) echoed with laughter, emotions, and heartfelt memories as we bid farewell to the graduating students of B. Pharm (8th Semester) and M. Pharm (4th Semester).

The event, titled "**SANDISHYA**", was a grand celebration of the journey, achievements, and cherished moments shared by the seniors. It was an evening filled with nostalgia, wisdom, and an abundance of entertainment, brought to life by the enthusiasm of our juniors and the gracious presence of our beloved faculty members.

The stage was in the capable hands of Nishant, Ananya, Sonu, Pearl, Lovenya and Anshak, who ensured that the energy remained high throughout the evening, making it a farewell to remember!

Event Highlights

- 1. A Warm Welcome & Setting the Mood:** The evening commenced with a heartfelt welcome by Nishant & Ananya, who set the perfect tone for the celebration. With a touch of humor and nostalgia, they invited everyone to embark on this journey down memory lane, reminiscing about the wonderful times spent together at AIP.
- 2. Divine Beginnings – Ganesh Vandana & Lamp Lighting:** To invoke blessings and positivity, the event proceeded with a soulful Ganesh Vandana performed by Parvi & Vishakha, filling the room with serenity. Following this, an auspicious lamp lighting ceremony was held, symbolizing knowledge and enlightenment. Our esteemed faculty

members were invited to light the lamp, signifying the wisdom they have imparted to the students throughout their journey.



3. **Words of Wisdom – Guiding Lights of AIP:** The evening was graced by the presence of our distinguished faculty members, who took a moment to share their thoughts and best wishes for the outgoing batch: Dr. H.R. Chitme (HOI, AIP) expressed his pride in the graduating students and encouraged them to continue striving for excellence in their careers.
4. **Prof. (Dr.) Vinay Lather (Deputy Director, AIP)** delivered an inspiring speech, highlighting the dedication and perseverance of the students. He reminded them that this farewell was not an end, but the beginning of their professional journeys, filled with endless possibilities.

Their words left the audience inspired and motivated, reinforcing the strong foundation built at AIP.



5. **Cultural Extravaganza – A Celebration of Talent:** What's a farewell without some fun and entertainment? The cultural segment was a spectacular display of talent, with performances that left the audience cheering and applauding!
6. **Dance & Music to Remember:**
 - a. Ananya (4th Year B. Pharm) captivated everyone with her melodious voice, making it a special moment for her fellow seniors.
 - b. A series of high-energy group dance performances by various students set the stage on fire, bringing vibrancy and enthusiasm to the celebration.
 - c. Ayushi (4th Year B. Pharm) touched hearts with a soulful poetry recital, capturing the essence of parting emotions.
 - d. Tushar (4th Year B. Pharm) mesmerized the audience with a beautiful piano performance, adding a melodious charm to the evening.
 - e. Each act reflected the bond shared among students, making this segment an unforgettable highlight of the farewell.



7. **Fun Awards & Special Recognitions:** To add an extra layer of excitement, a farewell titles segment was introduced, where seniors were awarded titles that perfectly matched their personalities!
8. **The Most Prestigious Titles – Mr. & Ms. Farewell**
 - B. Pharm
 - Mr. Farewell: Dhrubajyoti
 - Ms. Farewell: Anam Arora

Our Dedicated Professionals





Masters' Mr. & Ms. Farewell (Based on Departments)

- Titles were also awarded to the best representatives from each department in the M. Pharm batch, honoring their contributions and presence in AIP.

The award ceremony was filled with cheers, laughter, and applause, making it one of the most entertaining moments of the evening!



M. Pharm

- Mr. Farewell: Siddhant
- Ms. Farewell: Simran



Best Performers of the Evening

- Best Performer (Female): Ojaswini
- Best Performer (Male): Rishab

Cutest Smiles

- Cute Smile (Male): Ansh
- Cute Smile (Female): Aastha

Best Dressed Seniors

- Best Dressed (Female): Ramnika
- Best Dressed (Male): Harsh



- Words of Encouragement – A Special Message from Prof. (Dr.) Tanveer Naved

As the event neared its conclusion, Prof. (Dr.) Tanveer Naved (Deputy Dean, Health & Allied Sciences) took the stage to share his words of wisdom. His speech was both insightful and motivating, urging students to step forward into the next chapter of their lives with confidence, resilience, and a never-ending thirst for knowledge.

A Heartfelt Thank You & A Final Goodbye

As the sun set on this memorable evening, Lovenya & Anshak took the stage to deliver a heartfelt thank-you note, expressing gratitude to:

- The dedicated faculty members for their unwavering support and guidance.
- The talented performers for adding life to the event.
- The organizers for their hard work and dedication in making "Sandishya" a success.

And most importantly, our incredible seniors, whose presence made this event truly special.

With smiles, hugs, and a promise to stay connected, the event concluded with a refreshment session, where students and faculty shared moments of joy, reminiscing about the past and looking forward to the future.

- Though Sandishya marked the end of a beautiful chapter, it also signified the beginning of new journeys, new opportunities, and a lifelong bond that will always remain in the heart of AIP.
- Here's to the Class of 2025 – Wishing you success, happiness, and a future filled with endless possibilities!

Research and Writing Cell 2025

Research Rumble Panel Discussion

Date: 23rd January 2025


The R&W Cell, AIP successfully organized the Research Rumble panel discussion



Number of Participants: 10


The format of the discussion went as - first, the opening statement, followed by a QA round from the judges.

Each of the participants presented thought-provoking arguments and surprising insights, but the ones who truly stood out as winners are:


 Surbhi Arora

Pharmacy Sector: Is It Undervalued? - Against the motion



 Yashwardhan Singh Panwar

Generic vs Branded Medication - For the motion

 Deepanshu Chaudhary

Generic vs Branded Medication - For the motion



Students Achievements 2025

PUBLICATIONS BY THE UG/PG STUDENTS

S.N	Name	PG	Details of the Publication
1	Simran Dixit	PG	Dixit, S., Aggarwal, K. & Nagpal, K. Development and Validation of UV Spectrophotometric Method for the Estimation of Naringin in Bulk Followed by Its Solubility Study. J Appl Spectrosc 92, 183–190 (2025). https://doi.org/10.1007/s10812-025-01895-0
2	Abhishek Bamanna	PG	Bamanna, A., Rajora, A., & Nagpal, K. (2025). Enhancing Microemulsion-Based Therapeutic Drug Delivery: Exploring Surfactants, Co-Surfactants, and Quality-by-Design Strategies within Pseudoternary Phase Diagrams. In Critical Reviews™ in Therapeutic Drug Carrier Systems (Vol. 42, Issue 2, pp. 35–71). Begell House. https://doi.org/10.1615/critrevtherdrugcarriersyst.2024053427
3	Sarika Gupta	PG	Gupta, S., Kumari, M., Panja, K., Bajaj, P., & Nagpal, K. (2025). Nanobiocatalysis: Approach and Applications in Drug Development and Sensing. In Critical Reviews™ in Therapeutic Drug Carrier Systems (Vol. 42, Issue 1, pp. 55–88). Begell House. https://doi.org/10.1615/critrevtherdrugcarriersyst.2024051171
4	Udit Chaturvedi	UG	Udit Chaturvedi,Shikha Baghel Chauhan, Indu Singh,The impact of artificial intelligence on remote healthcare: Enhancing patient engagement, connectivity, and overcoming challenges https://doi.org/10.1016/j.ipha.2024.12.003
5	Simran Yadav	PG	Yadav, S., Shukla, V.K., Sharma, P. <i>et al.</i> Navigating Dental Device Regulations: Current Landscape and Future Prospects. <i>Biomedical Materials & Devices</i> (2025). https://doi.org/10.1007/s44174-025-00302-8

Professional Achievements by the AIP students

Student Photograph	Student Name	Programme /Semester	Achievements	Glimpses
	Gulpreet Mehra	2 nd Yr M Pharm	Securing First Prize and a Cash Award of ₹10,000 at <i>Health-a-thon 2.0</i> organized by <i>Lloyd Institute of Management & Technology (Pharm)</i> , Greater Noida for Best Startup Pitch.	
	Aqsa Nadeem	En. No. - A10654923009	First prize – Health-a-thon 2.0, Lloyd Institute of Management and Technology 21st – 22nd March, 2025	
	Mohak Hans	3 rd Yr B Pharm	Awarded the DSW Certificate in Student Leadership and Organizational Skills by Amity University, Noida for outstanding contributions during Amity Utsav / Amity Youth Fest 2025 – the 38th AIU National Youth Festival in collaboration with the Association of Indian Universities.	 



Yashwardhan Panwar

2nd Yr B Pharm

Attended the International Conference on AI Frontier in Health Sciences

Organized by Metro College at the Constitutional Club of India, New Delhi on 29th March 2025



Rohan Singh

2nd Yr B Pharm

Attended an Insightful Webinar on Nano Formulation in Pharmaceuticals

Organized on the Scientific Era Platform for the Life Science and Pharmaceutical Sector, highlighting advances in nanotechnology for enhanced bioavailability and targeted drug delivery.



Debanki Deb

2nd Yr B Pharm

Attended the International Conference on AI Frontier in Health Sciences

Organized by Metro College at the Constitutional Club of India, New Delhi on 29th March 2025



Kasak Saha

2nd Yr B Pharm

Attended a Panel Discussion on “Reimagining Healthcare: The Role of AI and Digital Health in Smart Care”

Organized by the Amity Institute of Public Health and Hospital Administration on Friday, 24th January 2025 at Amity University, Noida.

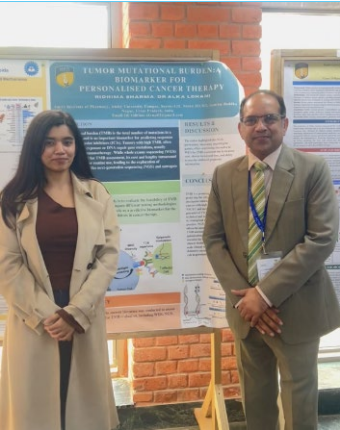


Ridhima Sharma

3rd Yr B Pharm

Volunteer, Delegate, and Poster Presenter at the Global Cancer Consortium Conference Held at Amity University, Noida from 29th to 31st January 2025, themed “Advances in Cancer & Cancer Immunotherapy”

Presented: “Tumor Mutational Burden: A Biomarker for Personalized Cancer Therapy”



Surbhi Arora

2nd Yr B Pharm

First Prize – Research Rumble Panel Discussion

Organized by the R&W Cell on 23rd January 2025



	<div> <div>Lakshay Aggarwal</div> <div>1st Yr M Pharm</div> </div>	<div>Presented the poster titled “Ashwagandha Formulation: Current Status and Future Prospects” as part of the M. Pharmacy program from Amity University Noida Held at Delhi Pharmaceutical Sciences and Research University (DPSRU) on 27th February 2025.</div>	
	<div> <div>Gaurav Kumar</div> <div></div> </div>	<div>Presented Oral Presentation in National Conference on Materials and Devices organised by Department of Physics Faculty of Engineering Teerthanker Mahaveer University Moradabad-244001 on 15th February 2025.</div>	 
	<div> <div>Simran Yadav</div> <div>2nd Yr M Pharm</div> </div>	<div>Honored to be Titled as Ms. Farewell!! as well as Star Performer</div>	
	<div> <div>Simran Yadav</div> <div>2nd Yr M Pharm</div> </div>	<div>Simran Yadav has been appointed as the Joint Secretary of Gyan Adhar Welfare Society (NGO) in month of January'2025 for her commendable voluntary contributions since August 2023. Her dedication toward social upliftment through education, administration, and welfare programs has been truly inspiring.</div>	
	<div> <div>Shivansh Pandey</div> <div>1st Yr B Pharm</div> </div>	<div>Participated In treasure hunt event organized by I & E Cell AIP</div>	

	<div>Sahin Prabin</div>	<div>Presented Oral Presentation in National Conference on Materials and Devices organised by Department of Physics Faculty of Engineering Teerthanker Mahaveer University Moradabad-244001 on 15th February 2025.</div>	
	<div>Chahat Tyagi,</div> <div>2nd Yr M Pharm</div>	<div>Participated as a volunteer and poster presenter at the 5th International Global Cancer Consortium, held from January 28th to 31st, 2025.</div>	
	<div>Chahat Tyagi,</div> <div>2nd Yr M Pharm</div>	<div>1.I secured the 3rd position in the oral presentation at the 4th International Conference hosted by Lloyd Institute of Management & Technology (Pharm.), Greater Noida.</div> <div>The conference, held on December 14th, 2024, focused on harnessing AI and innovation for sustainable development in the pharmaceutical and healthcare sector. It was a remarkable opportunity to showcase my research and connect with experts in the field.</div>	
	<div>Mr Aniket Bhardwaj</div> <div>(M.Pharm-IP 4TH sem)</div>	<div>Presented oral presentation on Development and validation of spectrophotometric method for simultaneous estimation of anti-diabetic drugs in pharmaceutical dosage form in the international conference on "Current Advances in Drug Discovery and Translational Science", organized by the Department of Chemistry, Jamia Millia Islamia, New Delhi, held on 26th-28th February 2025.</div>	

	Ms Afreen Nesha (M.Pharm-PRA-II Semester)	secured 3rd Prize in Oral Presentation on topic “Regulatory Harmonization of Herbal Cosmetics in Asia: A Therapeutic Breakthrough for Global Skin Health”, presented at IC-TGH 2025, organized by IIMT college of Pharmacy, Knowledge Park -III, Greater Noida, Uttar Pradesh, April,2025		
	Shayantn Ghosh, M. Pharm (Pharmaceutical Analysis)	secured the 3rd prize in Quiz Competition on 28th February 2025 at Sun Pharma celebrated National Science Day		
	Ms. Anshika, En. No: A10655023013, Third	Prize-Oral Presentation, Sharda Pharma Conclave-2025		
	Ms. Chesta Gupta	received 1st prize in an online oral presentation on International Women's Day, 7 March 2025, at the national seminar on Her Voice, Her Rights: A Future of Equality and Empowerment. In this seminar I presented on the topic of PCOS and mental health: the unseen battle for self-worth. This seminar was held at Guru Gobind Singh College of Pharmacy, Yamuna Nagar.		
	Sarthak Dahiya M.Pharm - Pharmacology, III-Sem	Received First Prize in the 4th International Conference on Biotechnology (ICBEST-2025) at SRM IST Chennai, Febrarury 2025. Received Best oral presentation award, at the Collaborative International Conference organized by the Association of Pharmaceutical Teachers of India (Punjab State Branch & Women Forum) and the Bioinformatics Society of Sichuan Province, China, February 2025.	 	