



JANAB HAMMAD AHMED
CHANCELLOR
JAMIA HAMDARD



सत्यमेव जयते
Ministry of AYUSH



PROF (DR) M AFSHAR ALAM
VICE CHANCELLOR
JAMIA HAMDARD

JAMIA HAMDARD
Centre of Excellence In Unani Medicine (CoE UM)
(Pharmacognosy and Pharmacology)
Bioactive Natural Product Laboratory (BNPL)
School of Pharmaceutical Education and Research (SPER)

SUMMER INDUSTRIAL TRAINING 2025

5th June - 18th July
9:00AM - 5:30PM

NON

CENTRE OF EXCELLENCE
(Pharmacognosy and Pharmacology)
SPER, JH



PROF (DR) FARHAN JALEES AHMAD
Dean
SPER, Jamia Hamdard



PROF (DR) SAYEED AHMAD
Placement Officer
Director, Centre of Excellence in Unani Medicine
(Pharmacognosy & Pharmacology)
SPER, Jamia Hamdard

ORGANIZING SECRETARIES



DR RABEA PARVEEN
Assistant Professor
Dept of Pharmaceutics, SPER, @ Centre of Excellence in Unani Medicine (Pharmacognosy & Pharmacology), Jamia Hamdard



DR BUSHRA PARVEEN
Assistant Professor
Dept of Pharmacology, SPER, @ Centre of Excellence in Unani Medicine (Pharmacognosy & Pharmacology), Jamia Hamdard

**LIMITED SEATS
(80 SEATS)
(SELECTION ON
FIRST COME
FIRST SERVE
BASIS)**

REPORT

STUDENT COORDINATORS



Niharika



Hammad Khan



Sana Khan



Haseeba Zaidi

PROGRAM DURATION: 45 DAYS

(As per the requirement of PCI for completion of B Pharm)

ELIGIBILITY CRITERIA:

- Only for students of Jamia Hamdard
- B. Pharm, M. Pharm, B. Tech & M. Tech (Food Tech) & MD (Unani) students

Note: A nominal fee will be charged from selected candidates

REGISTER NOW



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For Query +91 7983668096



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(Pharmacognosy and Pharmacology)
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JAMIA HAMDARD, NEW DELHI



SUMMER INDUSTRIAL TRAINING 2025

(2ND JUNE - 18TH JULY)

WELCOME DELEGATES

VENUE:
COE AUDITORIUM
JAMIA HAMDARD



Prof. Sayeed Ahmad
Organizing Chairman
Director, CoE UM
Jamia Hamdard



Prof. M Afshar Alam
Patron
Vice Chancellor
Jamia Hamdard



Janab Hammad Ahmed
Chief Guest
Chancellor Jamia
Hamdard



Prof. Uma Bhandari
Dean
SPER Jamia
Hamdard

Dr. Rabea Parveen
Organizing Secretary

Dr. Bushra Parveen
Organizing Secretary

SUMMER INDUSTRIAL TRAINING 2025 PROGRAMME SCHEDULE (14 JULY-18 JULY)

DAY 01 (14 JULY, 2025)

- Guest Lecture 1 - 3
- Lunch
- Guest Lecture 4 - 6

DAY 02 (15 JULY, 2025)

- Guest Lecture 1 - 3
- Lunch
- Guest Lecture 4 - 6

DAY 03 (16 JULY, 2025)

- Industrial visit

DAY 04 (17 JULY, 2025)

- Report Evaluation & Presentation

DAY 05 (18 JULY, 2025)

- Report Evaluation & Presentation
- Guest Lecture
- Lunch
- Valedictory Function



SPEAKERS

VENUE - CoE AUDITORIUM, JAMIA HAMDARD



Ms Ritu Katyal
Unifaith Biotech Pvt Ltd



Dr Arun Gupta
Ayuswasth Pvt Ltd



Dr Ziyaul Abrar
Reckitt Benckiser



Dr Manoj Sharma
Win Medicare Pvt. Ltd.



Mr Amit Verma
AyurFreshGreensLLP



Dr Shalini Dwivedi
Krystelis



Dr Wasif Khan
Win Medicare Pvt Ltd



Ms Ridhima Batra
Boston Consulting Group



Mr Abdul Wahid Khan
BIS Research



Mr Mansoor Ali
Hamdard Laboratories India



Mr Sarfaraz Khan
TCS



Mrs Varsha Srivastava
WNS, Gurugram



Dr Anil K Sharma
AIMIL



Mr Tanveer Ahmad
Takeda Biopharmaceuticals Pvt Ltd



Mr Asjad Nabi Khan
Sun Pharma



Dr Masood Shah Khan
Reckitt Benckiser



Dr Karishma Chester
Reckitt Benckiser



Dr Raj K Shrimullah
BIRAC, DBT





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MINISTRY OF
AYUSH

DATE:
18TH JULY 2025

**SUMMER INDUSTRIAL
TRAINING 2025**
(2ND JUNE - 18TH JULY)

VALEDICTORY FUNCTION

VENUE:
COE AUDITORIUM
JAMIA HAMDARD



Prof Sayeed Ahmad
Organizing Chairman
Director, CoE UM
Jamia Hamdard



Prof. M Afshar Alam
Patron
Vice Chancellor
Jamia Hamdard



Janab Hammad Ahmed
Chief Guest
Chancellor
Jamia Hamdard



Prof Uma Bhandari
Dean
SPER
Jamia Hamdard



Dr Rabea Parveen
Organizing Secretary



Dr Bushra Parveen
Organizing Secretary

SUMMER INDUSTRIAL TRAINING 2025

Valedictory Function MINUTE -TO-MINUTE PROGRAM

| | |
|------------------|------------------------------------------------------------------------------------------------------------|
| 03:00 - 03:05 pm | Welcome to the Dignitaries |
| 03:05 - 03:15 pm | Planter presentation & Felicitation of Dignitaries |
| 03:15 - 03:20 pm | Welcome note by Prof Sayeed Ahmad , Director, Centre of Excellence in Unani Medicine, Jamia Hamdard |
| 03:20 - 03:25 pm | Address by Prof Uma Bhandari , Dean, SPER, Jamia Hamdard |
| 03:25 - 03:30 pm | Address by Prof Yasmin Shamsi , Dean, SUMER, Jamia Hamdard |
| 03:30 - 03:40 pm | Address by Guest of Honor |
| 03:40 - 03:50 pm | Address by Chief Guest |
| 03:50 - 04:20 pm | Felicitation of Trainees |
| 04:20 - 04:30 pm | Presidential address by Patron, Prof M Afshar Alam , Vice Chancellor, Jamia Hamdard |
| 04:30 - 04:40 pm | Vote of Thanks, Dr Bushra Parveen , SPER, Jamia Hamdard |
| 04:40 - 04:45 pm | National Anthem |
| 04:45 pm | High Tea |

Summer Industrial Training 2025

The Summer Industrial Training 2025 provided students with a month-long, immersive learning experience across a wide range of sectors within the pharmaceutical, healthcare, and allied industries. This multi-sectoral exposure allowed participants to apply theoretical knowledge in real-world professional environments, thereby enhancing their technical competencies, practical skills, and overall industry exposure. The program was strategically designed to align academic learning with the operational, regulatory, and commercial demands of the industry.

1. Market Research

Students placed at BIS Research, Noida, developed core skills in data analysis, market trend evaluation, and strategic forecasting. They gained an in-depth understanding of how industry data is gathered, interpreted, and used to drive decision-making in competitive markets. This experience also enhanced their abilities in critical thinking, market intelligence, and strategic planning.

2. Research & Development (R&D)

Trainees placed at AIMIL Pharmaceuticals (Delhi, Nalagarh, and Ghaziabad units) worked on drug formulation, analytical instrument handling, and quality control protocols. They were exposed to the entire pharmaceutical product development cycle, from raw material evaluation to finished product testing.

3. Sales & Marketing

Students trained at Hamdard Foods (Delhi), Avur Fresh, and Unifaith Biotech Pvt. Ltd. (Delhi), gaining exposure to pharmaceutical marketing strategies, consumer behavior analysis, and product promotion techniques. They learned how branding, advertising, and sales planning contribute to commercial success.

Summer Industrial Training 2025

4. Pharmacovigilance

At AyuSwasth Pvt. Ltd., students explored the field of drug safety monitoring, adverse event reporting, and signal detection. They developed an understanding of post-marketing surveillance processes and the role of pharmacovigilance in patient safety.

5. Food Technology – R&D and Production

Trainees at Hamdard Foods, Manesar, participated in food processing operations, hygiene protocols, and quality assurance systems. The training emphasized compliance with evolving food safety regulations and industry standards.

6. Herbal Formulations and Traditional Medicine

Students at the Centre of Excellence in Unani Medicine (Jamia Hamdard) were trained in herbal formulations, Unani systems, and traditional medicine practices. They explored the integration of indigenous knowledge with modern pharmaceutical technology and quality standards.

The month-long industrial placements under the Summer Industrial Training 2025 successfully bridged the gap between academic learning and industrial practice. Students returned with enhanced technical expertise, practical problem-solving abilities, and an improved understanding of their chosen professional domains, making them better prepared for future roles in the healthcare, pharmaceutical, and allied industries.

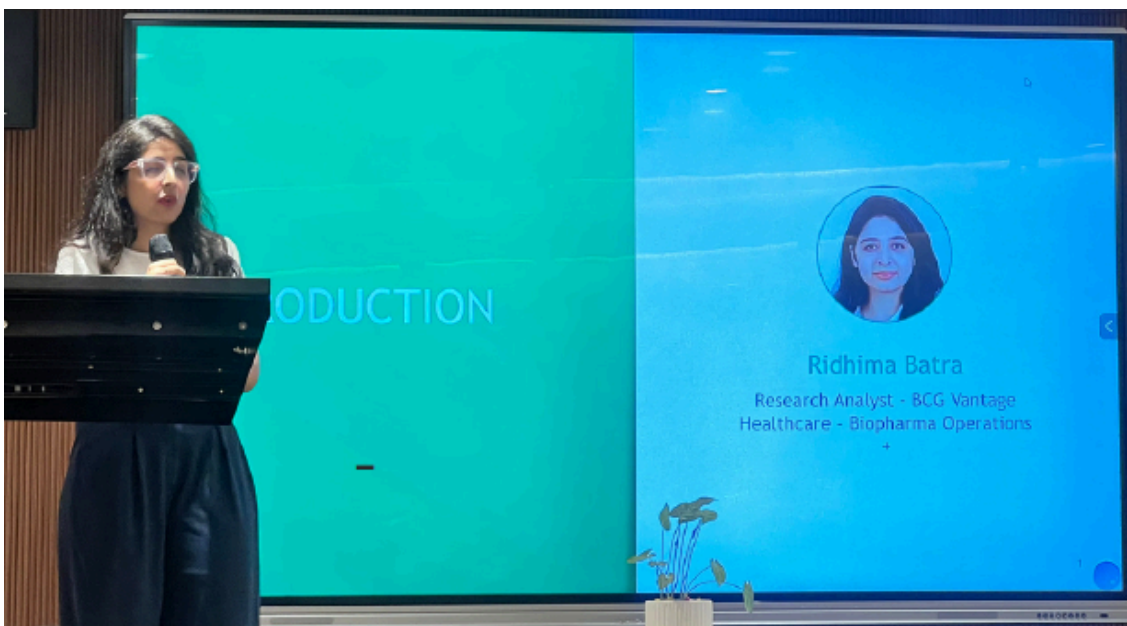
LECTURE SERIES

Speaker 1: Dr. Ziyaul Abrar Husain **Regulatory Affairs Expert, Reckitt Benckiser**

The session titled "*Overview of Regulatory, Medical, and Scientific Writing*" was delivered by Dr. Ziyaul Abrar Husain from Reckitt Benckiser. It provided an insightful overview of the crucial role that regulatory, medical, and scientific writing plays in the drug development lifecycle.



Speaker 2: Ms. Ridhima Batra **Research Analyst, Boston Consulting Group**

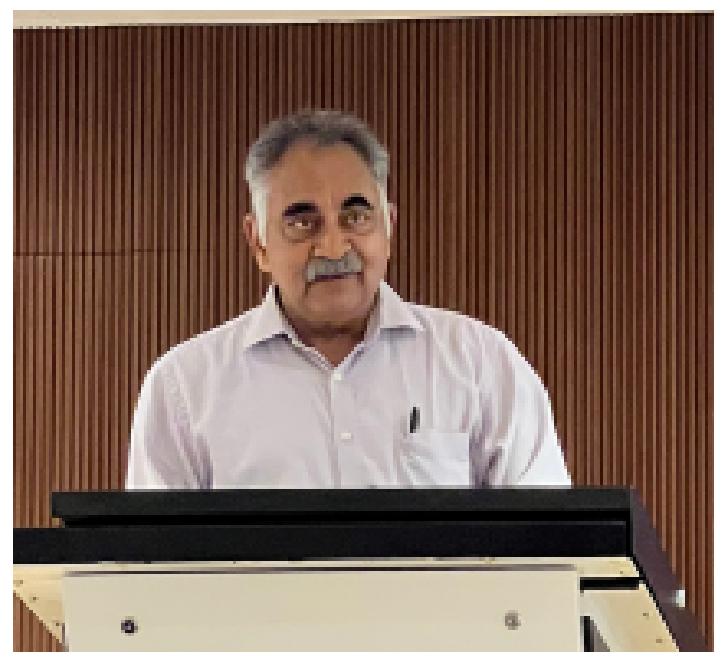


The session titled "Research Analyst" was delivered by Ms. Ridhima Batra from Boston Consulting Group. She provided insights into the vital role analysts play in consulting firms by interpreting market trends to support strategic decisions.

The session emphasized the importance of internships, strong analytical thinking, and communication skills for building a career in pharma consulting.

Speaker 3: Dr. Anil K Sharma **Vice President, AIMIL**

The session titled "Pharmacognosy & Tech in Herbal Medicine" was delivered by Dr. Anil K Sharma from AIMIL. He discussed how herbal drugs can target specific body parts, enabling selective and effective healing. Key case studies included a DRDO project for vitiligo and the anti-anxiety properties of Ashwagandha. The session highlighted the growing relevance of herbal technologies in modern therapeutic approaches.



LECTURE SERIES

Speaker 4: Dr. Arun Gupta **CEO, Ayuswasth Pvt. Ltd**

The session titled "Clinical Research in India – Regulatory Overview" was delivered by Dr. Arun Gupta from Ayuswasth Pvt. Ltd. He provided an overview of clinical research practices in India, emphasizing roles in pharmacovigilance, clinical research (CR), medical affairs, and regulatory affairs. The session highlighted the growing need for specialization and cross

functional knowledge in these domains to support safe and effective healthcare solutions.



Speaker 5: Mrs. Varsha Srivastava **WNS, Gurugram**



The session titled "Medical Writing & Clinical Data Interpretation" was delivered by Mrs. Varsha Srivastava from WNS, Gurugram. She discussed how medical writers transform complex clinical and metadata into clear, meaningful scientific documents.

The session emphasized the importance of analytical thinking, strong scientific writing, adaptability, and collaboration skills for excelling in this field.

Speaker 6: Dr. Shalini Dwivedi **Krystelis**

The session titled "Medical and Short Scientific Writing" was delivered by Dr. Shalini Dwivedi. She emphasized that effective scientific writing must demonstrate a clear understanding of drug regulations and approval pathways. The session highlighted the importance of precision, regulatory awareness, and concise communication in medical writing.



LECTURE SERIES

Speaker 7: Ms Ritu Katyal **Unifaith Biotech Pvt Ltd**

Ms. Ritu Katyal discussed the evolving landscape of biotechnology and pharmaceuticals. She explained the process of bringing new medicines to market, emphasizing the importance of research and strict quality control. Her lecture highlighted current regulatory standards, the innovation in branded generics, and the critical role of biotech in improving public health. She encouraged students to see the vast career opportunities available in the industry.



Speaker 8: Dr. Wasif Khan **Win Medicare Pvt Ltd**



Dr. Wasif Khan focused on the essential field of pharmacovigilance and regulatory affairs. He described how drug safety monitoring protects both patients and pharmaceutical companies, detailing compliance requirements in manufacturing and distribution. He also demonstrated the challenges of maintaining quality and meeting international regulations. His talk reinforced the value of ethics and vigilance in the pharmaceutical sector.

Speaker 9: Ms Ridhima Batra **Boston Consulting Group**

Ms. Ridhima Batra, introduced students to the field of life sciences consulting. She explained how consultants help pharmaceutical companies solve complex business problems, from digital transformation to strategic market entry. Her lecture also provided insights into career paths at top consulting firms and the impact consultants have on healthcare innovation.



LECTURE SERIES

Speaker 10: Dr Manoj Sharma

Win Medicare Pvt. Ltd.

Dr. Manoj Sharma delivered a comprehensive session on global pharmacovigilance practices and patient safety systems. Drawing from over two decades of experience, he discussed the critical role of pharmacovigilance in ensuring drug safety across regulated and semi-regulated markets. He elaborated on the processes of adverse event reporting, periodic safety update reports, and the importance of regulatory compliance. His talk highlighted the significance of a strong quality management system and the skills required to excel in drug safety and medical writing.



Speaker 11: Mr Amit Verma

AyurFresh Greens LLP



Mr. Amit Verma provided an insightful lecture on entrepreneurship and innovation in the herbal and nutraceuticals industry. He explained the journey from ideation to market launch, emphasizing the integration of traditional Ayurvedic knowledge with modern production techniques. He also shared case studies on product development, branding, and navigating the regulatory landscape for herbal products in domestic and international markets, inspiring students to explore entrepreneurship in the natural healthcare sector.

Speaker 12: Mr Tanveer Ahmad

Takeda Biopharmaceuticals Pvt Ltd

Mr. Tanveer Ahmad focused his session on biopharmaceuticals, regulatory affairs, and global market challenges. He discussed the pipeline of biologics and biosimilars, the stringent international guidelines governing their approval, and the evolving expectations of global health authorities. He also touched upon career opportunities in regulatory strategy and clinical operations, encouraging students to develop cross-functional skills to succeed in a competitive global industry.



LECTURE SERIES

Speaker 13: Mr Abdul Wahid Khan

BIS Research

Mr. Abdul Wahid Khan delivered an insightful talk on market intelligence and technology-driven decision-making in the life sciences sector. He discussed the importance of data-driven strategies in identifying emerging opportunities, competitive benchmarking, and evaluating market potential. His session highlighted how advanced analytics and structured research methodologies can guide companies in making informed strategic decisions, particularly in the evolving pharmaceutical and healthcare landscape.



Speaker 14: Sanyam Tatarwal

BIS Research



Mr. Sanyam Tatarwal expanded on the theme of strategic evaluation and global market entry strategies. He discussed how organizations assess market readiness, navigate regulatory frameworks, and adapt products for varied international markets. He emphasized the role of consumer perception analysis, product launch strategies, and competitive positioning in ensuring sustainable growth.

Speaker 15: Mr Mansoor Ali

Hamdard Laboratories India

Mr. Mansoor Ali presented a comprehensive overview of the herbal and Unani medicine industry. He discussed the integration of traditional medicinal knowledge with modern manufacturing and quality assurance standards, and how this approach enables the production of safe, effective, and authentic herbal products. His session inspired students to appreciate the cultural heritage and scientific validation behind Unani formulations, while also considering future career prospects in this niche sector.



INDUSTRIAL VISIT TO DABUR INDIA LTD.



- On 16th July 2025, all the trainees visited Dabur India Ltd.'s Research & Development (R&D) Centre in Ghaziabad as part of the Summer Industrial Training 2025. Dabur, one of the most prominent and respected companies in the field of Ayurveda and natural healthcare, has a diverse FMCG portfolio categorized into four key areas: Healthcare, Personal Care, Home Care, and Foods. The Healthcare segment includes iconic products like **Dabur Chyawanprash**, **Dabur Honey**, **Dabur Honitus**, **Dabur Pudina Hara**, and **Dabur Lal Tel**, along with other Ayurvedic remedies and health supplements. Personal Care features brands such as **Dabur Amla**, **Dabur Red Paste**, and **Vatika**, catering to hair care, oral hygiene, and skincare needs. The Home Care range comprises household cleaning and hygiene products, while Foods includes the Real brand of fruit juices, beverages, and other food items.
- During the visit, students explored several key departments. In the Analytical & Standardization Laboratory, they observed advanced techniques like HPLC, TLC, and Gas Chromatography for analyzing plant extracts and formulations, along with Headspace GC for residual solvent testing and detection methods using UV, RI, and fluorescence detectors. They were also introduced to advanced Mass Spectrometry (MS) with a TMS interface for molecular structure identification and adulterant detection at the isotope level.

INDUSTRIAL VISIT TO DABUR INDIA LTD.



- The Food Authenticity & Honey Testing division showcased GC-MS and Isotope Ratio Mass Spectrometry (IRMS) for detecting sugar adulteration, techniques for distinguishing natural from artificial sugars, and profiling of monofloral honeys such as litchi and eucalyptus, as well as unique varieties like Sundarbans honey.
- In the Microbiology & Probiotic Research section, students learned about microbial load testing for quality assurance, development of probiotic and prebiotic strains, disinfectant testing, and monitoring pathogen resistance. Finally, the R&D and Product Development division demonstrated Dabur's innovation process, including the formulation and testing of Ayurvedic medicines, nutraceuticals, juices, supplements, and personal care products; the use of DNA fingerprinting techniques; and rigorous evaluation of raw materials, APIs, and finished goods, all while integrating consumer trends and regulatory guidelines into product development.
- The visit provided students with a valuable opportunity to experience firsthand the high standards maintained in herbal product research, development, and quality assurance. It enriched their academic learning through real-world exposure to advanced analytical instruments and techniques, stringent quality control measures, herbal formulation processes, and scientific methods used for product authenticity and safety.

Report Evaluation & Presentation

The Report Evaluation and Presentation segment served as the concluding academic exercise of the Summer Industrial Training 2025, providing a platform for students to consolidate and communicate the knowledge and skills they had gained during their month-long industry immersion. Having undergone specialized training in diverse domains such as Market Research, Community Pharmacy, Research & Development, Regulatory Affairs, Sales & Marketing, Pharmacovigilance, Food Technology, and Traditional Medicine, each participant prepared and delivered a structured presentation to encapsulate their professional learning journey.

The presentations offered a comprehensive account of their training experience, beginning with an overview of the host organization and its operations, followed by the specific roles and responsibilities assigned to them during the training period. Students highlighted the tools, techniques, and methodologies they had mastered, ranging from laboratory procedures and analytical techniques to market assessment tools and regulatory compliance protocols. Faculty members assessed the presentations on multiple parameters, including clarity of communication, depth of technical and conceptual understanding, relevance to industry practices, analytical thinking, and overall delivery. The evaluation process ensured that students not only demonstrated subject knowledge but also their ability to synthesize information, present it coherently, and engage an audience effectively.



VALEDICTORY



The Summer Industrial Training 2025 Valedictory Ceremony was held on July 18, 2025, at the **COE Auditorium, Jamia Hamdard**. Organized by the Centre of Excellence in Unani Medicine (CoE UM), the event marked a significant occasion to celebrate the achievements of students, industry partners, and trainers involved in the summer training program. At the **Valedictory of the Summer Industrial Training 2025**, all participating students were awarded Certificates of Completion in recognition of their successful participation and performance across various industry sectors. The certificate distribution ceremony was conducted in the presence of faculty members, training coordinators, and industry experts who mentored the students during the program. Certificates were distributed based on the successful completion of training assignments, attendance, submission of training reports, and student presentations. This formal recognition not only acknowledged the students' dedication and effort but also served as a valuable addition to their academic and professional portfolios. The event served as a moment of celebration and encouragement, marking the transition of students from academic learners to industry-ready professionals equipped with hands-on experience and practical insights.



VALEDICTORY



Student Coordinators



Best Trainees



Other Student Trainees & Team CoE UM