"AI for Atmanirbhar Bharat: HEI Pre-Summit Engagements towards IndiaAI Impact Summit 2026"

Name and designation of the Mentors:

1. Dr. Khushwant Yadav, Head of Department, Regulatory Affairs, SVKM's NMIMS
2. Dr. Namita Juvale, Faculty, SVKM's NMIMS

Venue: Room 409, Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, SVKM's NMIMS, V. L. Mehta Road, Vile Parle (W), Mumbai- 400056, India.

Start Date: 27th January 2026
End Date: 28th January 2026

Time: 27th January 2026: 10:00 AM – 12:00 PM
28th January 2026: 11:00 AM – 12:00 PM

Duration of the activity (in Hrs): 3 hours

Program Type: Level 1 Seminar
Program Theme: Innovation & Design Thinking

Objective of the activity (100 characters): To explore the role of Artificial Intelligence in healthcare regulations across global regulatory agencies.

Benefit in terms of learning, skills, knowledge obtained: Enhanced understanding of AI applications in healthcare regulation, presentation skills, regulatory awareness, and global compliance perspectives.

SVKM's NMIMS Faculty Coordinators for the activity:

1. Dr. Khushwant Yadav, Head of Department, Regulatory Affairs, SVKM's NMIMS
2. Dr. Namita Juvale, Faculty, SVKM's NMIMS

SVKM's NMIMS Student Coordinators for the activity: RegSphere Student Representatives

Number of student participants: 13 **Number of faculty participants:** 02

Mode of session delivery: Offline

Background of the Mentors:

1. Dr. Khushwant Yadav has an experience of more than 19 years in both Industry and Academics and is currently the Head of the Department of Regulatory Affairs.
2. Dr. Namita Juvale is an Assistant Professor in Pharmaceutical Quality Assurance, with active involvement in teaching, research, and academic mentoring.

Report on the session with the key outcomes:

The event was organized under the Institution's Innovation Council (IIC) in collaboration with the RegSphere Club, Department of Regulatory Affairs, with the objective of exploring the emerging role of Artificial Intelligence in healthcare regulation.

All thirteen first-year MPharm Regulatory Affairs students (Semester II) delivered presentations explaining AI integration within healthcare regulatory frameworks across a broad range of global regulatory bodies. The regulatory agencies covered included international organizations such as the World Health Organization (WHO) and the International Council for Harmonisation (ICH), along with authorities from major global economies including the United States, European Union, and Japan, as well as rapidly developing healthcare regulatory systems such as that of India, Singapore, China, and South Korea.

Each student was allotted a 7-minute presentation slot, promoting concise, analytical, and time-bound delivery. Students observed that no regulatory authority is inclined toward immediate or unrestricted adoption of Artificial Intelligence in healthcare. Instead, regulators across regions are adopting a cautious and gradual integration approach, carefully evaluating the impact of AI on patient safety, cost implications, data governance, transparency, accountability, and long-term sustainability within healthcare systems. The discussions highlighted that authorities are prioritizing structured assessment, pilot implementation, and continuous monitoring before formal incorporation into regulatory frameworks.

The presentations emphasized that AI-driven technologies offer significant potential in areas such as diagnostics, clinical decision support, pharmacovigilance, and regulatory submissions, and most countries are currently at a preliminary or evolving stage of AI regulation in healthcare. Students highlighted that regulatory authorities worldwide are actively working toward the implementation of AI frameworks, while simultaneously adopting cautious, risk-based, and assessment-driven approaches, given the direct implications of AI systems on patient safety, data integrity, ethical considerations, and clinical accountability.

The sessions promoted comparative evaluation of global regulatory frameworks, highlighting similarities as well as differences in regional approaches toward AI governance in healthcare. The discussions reinforced the importance of harmonization, transparency, and continuous monitoring in AI-enabled healthcare systems. Overall, the event significantly enhanced student's understanding of global regulatory landscapes, strengthened their analytical and presentation skills, and deepened their awareness of how emerging technologies are being responsibly translated into healthcare regulation, in alignment with the national vision of Atmanirbhar Bharat.

Glimpses of the event: