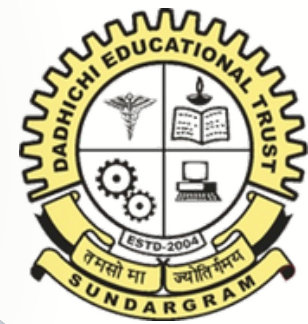




**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



NextLiftAI
Your AI Experts



Workshop on **AI** in **PHARMACY EDUCATION**

Transforming Learning, Research, and Professional Competence

Align to new B.Pharm Curriculum

Organized by :

Dadhichi College of Pharmacy

Conducted by :

NextLiftAI — Backed by IIT Bhubaneswar



2026





About the Workshop

Artificial Intelligence (AI) is transforming pharmaceutical education, research, healthcare delivery, and professional practice. AI-powered technologies are enhancing teaching-learning processes, enabling personalised education, accelerating drug discovery, improving clinical decision-making, and fostering innovation across pharmaceutical sciences.

Aligned with the **Pharmacy Council of India (PCI)** competency-based curriculum, which emphasises digital literacy, research skills, healthcare technology, innovation, and evidence-based practice, this workshop aims to familiarise participants with the growing role of AI in pharmacy education and practice.

The revised B.Pharm curriculum (2026–27) has integrated Artificial Intelligence (AI), Python programming, machine learning, and data analytics to prepare pharmacy graduates for a technology-driven healthcare ecosystem.

The workshop will provide students, faculty members, researchers, and healthcare professionals with practical insights into AI tools, Generative AI, machine learning applications, scientific research, drug development, clinical pharmacy, and healthcare analytics. Through expert lectures, hands-on training, and interactive sessions, participants will develop the knowledge and skills required to excel in the rapidly evolving digital healthcare and pharmaceutical landscape.

OBJECTIVES OF THE WORKSHOP

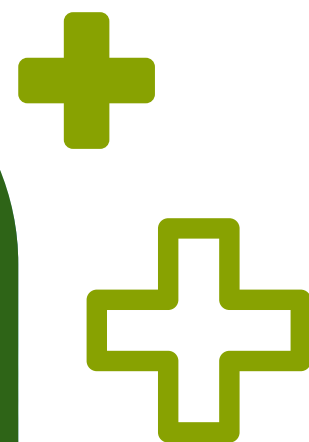
- Understand the role of AI in modern pharmaceutical sciences.
- Explain AI concepts introduced in the new B.Pharm syllabus.
- Identify AI applications in drug discovery, formulation development, pharmacovigilance, and clinical pharmacy.
- Discuss ethical, regulatory, and patient-safety considerations of AI.
- Explore career opportunities in AI-enabled pharmaceutical sectors.

SESSION OVERVIEW

- Introduction to AI in Healthcare and Pharmacy
- AI Components in the New B.Pharm Curriculum
- AI Applications in Pharmaceutical Sciences
- Practical Demonstration Session
- Ethical and Regulatory Aspects
- Future Career Opportunities

AI Breakthroughs in Pharmaceutical Education

Artificial Intelligence is transforming pharmaceutical education by making learning more interactive, personalized, and industry-oriented. AI-powered tools can assist students in understanding complex concepts, analyzing pharmaceutical data, conducting literature reviews, and simulating real-world clinical scenarios. Recent breakthroughs include virtual laboratories, intelligent tutoring systems, predictive analytics, and AI-driven drug discovery platforms, which help bridge the gap between theoretical knowledge and practical application. In alignment with the new B.Pharm syllabus under NEP 2020, these advancements equip future pharmacists with essential digital and analytical skills, preparing them to contribute effectively to modern healthcare and pharmaceutical research.



LEARNING OUTCOMES

- Foundational & Analytical Skills
- Machine Learning & Predictive Modeling
- Clinical Applications & Ethics
- Integration of AI into Pharmacy Sciences
- Competency-Based and Personalized Learning
- Prompt Engineering & Tool Utilization
- AI in Med Tech



10am

CONTACT

Dr. Santosh Kumar Panda, IIC Coordinator, 8096445573

Abhinandan Satapathy, Program Coordinator, 8328817452



The Institution Of Engineers (India)
Odisha State Centre,
Unit 4, Bhouma Nagar,
Bhubaneswar, Odisha 751022

Scan for registration

