



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

For School of Pharmacy at Kalsekar Technical Campus (AITC)

Vision 2030: Period: 2025–2030

1. Vision & Mission of the School of Pharmacy

Vision: To be the most sought after academic, research and practice-based school of Pharmacy that others would wish to emulate.

Mission: Creating exuberant pharmaceutical professionals

2. Strategic Thrust Areas for Institutional Development (2025–2030)

i. Innovations in Teaching & Learning

Goal: Foster a dynamic and future-ready learning ecosystem that produces industry-ready pharmacists with a strong foundation in both theory and practical applications.

Initiatives:

- Develop cutting-edge programs using innovative pedagogical practices, including flipped classrooms, project-based learning, and active learning methodologies.
- Use Artificial Intelligence (AI) and Virtual Reality (VR) for simulated learning environments, especially for clinical practice, drug interactions, and patient-care simulations.
- Enhance collaborative learning through interdisciplinary projects involving students from pharmacy, medicine, engineering, and business.
- Foster an environment of student-centered learning through personalized learning paths and self-paced modules, where students take ownership of their educational journey.
- Implement online and hybrid learning formats to cater to diverse learning styles, offering flexibility and accessibility.
- Integrate case studies and real-world problem-solving into the curriculum to simulate industry scenarios and decision-making challenges.

Targets:

Innovative Teaching - Exuberant Learning

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- 100% adoption of AI-based learning tools by 2027.
- 5 new interdisciplinary programs by 2030.
- Achieve 100% integration of practical-based learning opportunities.
- 50% of courses incorporating innovative pedagogies by 2028.

ii. Research Excellence & Innovation

Goal: Build a research-driven environment that focuses on developing new pharmaceutical therapies and healthcare solutions with a global impact.

Initiatives:

- Establish state-of-the-art research centers focusing on drug design, clinical trials, and biopharmaceuticals.
- Foster industry-academia collaborations to drive cutting-edge research projects.
- Create seed funding programs for innovative pharmaceutical research and technology development.
- Promote faculty and student participation in international conferences and research workshops.

Targets:

- 50+ internationally recognized research papers annually by 2030.
- At least 10 major industry-funded research projects by 2030.
- 30% of faculty involved in active research projects by 2027.

iii. Industry-Academia Collaboration & Knowledge Exchange

Goal: Strengthen collaborations with leading pharmaceutical companies to ensure curriculum relevance and enhance student employability.

Initiatives:

- Develop MoUs with global pharmaceutical giants to align the curriculum with industry needs.
- Organize internships and industry projects for students to bridge the gap between academia and industry.
- Establish clinical research partnerships for real-world learning and training.



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- Regular interactions with industry experts and entrepreneurs to provide insights into the latest trends.

Targets:

- 30+ industry partnerships by 2030.
- 75% of final-year students completing internships with leading pharmaceutical companies by 2028.
- 15 industry-sponsored research projects annually by 2030.

iv. Skill Development, Career Enhancement & Placement

Goal: Develop a multidimensional training ecosystem to prepare students for a wide range of career opportunities in the pharmaceutical industry.

Initiatives:

- Provide industry-specific certifications in areas like Clinical Research, Regulatory Affairs, and Pharmacovigilance.
- Implement a dedicated career development program that aligns student skills with market needs.
- Build an entrepreneurial support system through start-up incubators, innovation hubs, and funding support.
- Create tailored workshops for soft skills and leadership development.

Targets:

- 95% placement rate by 2030.
- 50+ start-ups incubated by the School of Pharmacy by 2030.
- 100% participation in career enhancement workshops for all students.

v. Alumni Engagement & Institutional Social Responsibility

Goal: Create a robust alumni network that continuously supports the school's growth and contributes to the betterment of the pharmaceutical profession and community.

Initiatives:

- Launch an alumni mentorship program that offers career guidance to current students.
- Develop an alumni-funded scholarship and research grant program.



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- Strengthen alumni ties through regular networking events and career support for students.
- Increase community engagement through health awareness campaigns and educational programs.

Targets:

- 100% alumni involvement in institutional activities by 2030.
- 250+ alumni mentors actively guiding students by 2030.
- 50+ alumni-funded research initiatives annually.

vi. Faculty & Human Resource Development

Goal: Establish a continuous professional development program to ensure that faculty members remain at the forefront of pharmaceutical education and research.

Initiatives:

- Organize regular Faculty Development Programs (FDPs), short-term training programs (STTPs), and international exposure programs for faculty.
- Facilitate industry exchanges and faculty research sabbaticals to enhance teaching and research capabilities.
- Provide leadership development programs to foster the next generation of academic leaders.
- Implement performance-based incentives and recognition systems to retain top talent.

Targets:

- 100% faculty participation in FDPs by 2027.
- 20% of faculty with international exposure by 2030.
- 25+ faculty promoted to leadership roles within the institution by 2030.

3. Infrastructure and Learning Resource Development

- Expand state-of-the-art laboratories for practical training and research.
- Build advanced simulation labs for clinical and pharmaceutical practices.
- Develop a digital library with access to global pharmaceutical journals, e-books, and resources.

Innovative Teaching - Exuberant Learning

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- Implement green campus initiatives for sustainable energy use and resource management.

4. Conclusion and Way Forward

The Institutional Development Plan (IDP) for the School of Pharmacy at Kalsekar Technical Campus (AIKTC) is a transformative blueprint for positioning the school as one of the most esteemed and ambitious pharmacy institutions in India by 2030. Through relentless focus on academic excellence, research innovation, industry collaboration, and student career enhancement, the School of Pharmacy aims to contribute significantly to the global pharmaceutical landscape.

(DR. SHARIQ SYED)
DEAN, School of Pharmacy



(DR. RAMJAN KHATIK)
Director, AIKTC