

**INSTITUTIONAL DEVELOPMENT PLAN  
(IDP)**

**2025–2030**

**Neotech Institute of Pharmacy (NIPH - 295)**

Neotech Campus, Vadodara  
At-Virod, Harni–Virod Road,  
Vadodara, Gujarat – 390022

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## 1. Executive Summary

Neotech Institute of Pharmacy (NIP), Vadodara, is a professional pharmacy institution committed to delivering **quality pharmaceutical education, research orientation, and healthcare responsibility**. The institute focuses on preparing competent pharmacy professionals with **scientific knowledge, ethical values, clinical awareness, and industry readiness**.

NIP promotes **student-centric learning, laboratory-based training, industry exposure, internships, and research culture** in alignment with **PCI norms, GTU affiliation framework, NEP 2020 vision, and national healthcare priorities**. The Institutional Development Plan (2025–2030) outlines the roadmap for **academic excellence, research growth, innovation, digital transformation, and community healthcare engagement**.

## 2. Institutional Profile

Neotech Institute of Pharmacy is dedicated to nurturing **skilled, ethical, and socially responsible pharmacy professionals** capable of contributing to **healthcare systems, pharmaceutical industries, research organizations, and entrepreneurship**.

The institute functions under:

- **Pharmacy Council of India (PCI) approval**
- **Affiliation with Gujarat Technological University (GTU)**
- **Compliance with AICTE/State Government/Regulatory norms**

Academic delivery integrates:

- **Theory, practical laboratory training, hospital/clinical exposure**
- **Research methodology and project work**
- **Industrial training and professional skill development**

The institute encourages **innovation, drug research awareness, patient counselling skills, pharmacovigilance understanding, and community pharmacy services.**

### **Programmes Offered**

- Bachelor of Pharmacy (B.Pharm. 60 seats)
- Future scope: M.Pharm / Pharm.D / Research Programs

### **3. SWOC Analysis**

#### **Strengths**

- Qualified faculty as per **PCI norms**
- Well-equipped **pharmaceutics, pharmacology, pharmaceutical chemistry, and pharmacognosy laboratories**
- **ICT-enabled classrooms and library resources**
- Industry and hospital interaction
- Student mentoring and academic monitoring
- Active co-curricular and healthcare awareness activities

#### **Weaknesses**

- Limited funded research projects in early phase
- Need for enhanced **clinical exposure and advanced instrumentation**
- Developing **research publications and patents**

#### **Opportunities**

- Collaboration with **pharmaceutical industries, hospitals, and research labs**
- **Startup ecosystem in pharma manufacturing, herbal products, and clinical services**
- Government research funding and innovation schemes
- Expansion toward **postgraduate and doctoral pharmacy education**

## Challenges

- Rapid technological change in **drug discovery and healthcare regulation**
- Competition from established pharmacy institutions
- Regulatory compliance and infrastructure investment needs

## 4. Vision and Mission

### Vision

To be a **centre of excellence in pharmaceutical education and research**, producing **competent, ethical, and socially responsible pharmacy professionals** for healthcare and industry.

### Mission

- Deliver **quality pharmacy education with outcome-based learning**
- Promote **research, innovation, and industry collaboration**
- Develop **clinical competence, ethics, and lifelong learning skills**
- Serve society through **health awareness, patient care, and community outreach**

## 5. Core Values

- Academic excellence
- Professional ethics and integrity
- Patient-centred healthcare responsibility
- Research and innovation culture
- Inclusiveness and social commitment
- Environmental sustainability
- Collaboration and lifelong learning

## 6. Strategic Goals and Objectives

### Short-Term (1-2 Years)

- Strengthen **academic systems, laboratories, and compliance**
- Improve **student mentoring, training, and results**
- Establish **industry and hospital MoUs**

### Mid-Term (3-4 Years)

- Enhance **research output, conferences, and publications**
- Develop **advanced laboratories and instrumentation**
- Promote **entrepreneurship and startup culture in pharma**

### Long-Term (5 Years)

- Introduce **postgraduate programs and research centres**
- Achieve **recognized research and innovation ecosystem**
- Build **strong national and international academic collaborations**

## 7. Key Focus Areas

- Outcome-based **pharmacy education and practical training**
- **Clinical exposure, pharmacovigilance, and patient counselling**
- **Research, herbal drug development, and formulation innovation**
- **Faculty development and digital learning**
- **Green and safe campus initiatives**
- **Holistic student development and employability**

## 8. Action Plan / Implementation Strategy

- Continuous **academic review through IQAC**
- Strengthening **industry, hospital, and research collaborations**
- Encouraging **faculty research, consultancy, and funded projects**
- Organizing **seminars, workshops, health camps, and awareness programs**
- Promoting **innovation, incubation, and entrepreneurship in pharmacy**

## 9. Monitoring, Evaluation, and Risk Management

- Academic monitoring through **internal assessment and outcome attainment**
- Periodic review of **research, training, and placement activities**
- Compliance with **PCI, university, and statutory regulations**
- Functional committees:
  - Anti-Ragging Committee
  - Women Development Cell
  - SC/ST Cell
  - Grievance Redressal Committee
  - Internal Quality Assurance Cell (IQAC)

Risk mitigation includes **digital readiness, safety protocols, financial planning, and regulatory compliance**.

## 10. Budget and Financial Plan

The management ensures **transparent and planned financial allocation** for:

- Laboratory infrastructure and instruments
- Research and faculty development
- Student welfare and training
- Digital learning resources
- Future academic expansion

## 11. Implementation Timeline (2025–2030)

Phase	Focus
2025–26	Academic strengthening and infrastructure
2026–28	Research growth and industry collaboration
2028–30	Innovation leadership and expansion of programs

Continuous monitoring will be carried out by **IQAC and management**.

## 12. Stakeholder Involvement

The IDP is developed with participation from:

- Faculty members
- Students and alumni
- Industry and healthcare professionals
- Institutional management

Regular feedback ensures **transparency, relevance, and continuous improvement.**

## 13. Expected Outcomes (2025–2030)

- Improved **academic performance and student employability**
- Strong **research and innovation culture**
- Effective **industry and hospital collaboration**
- Enhanced **community healthcare contribution**
- Sustainable **institutional growth aligned with NEP 2020**