

R. N. G. Patel Institute of Technology – RNGPIT

(An Autonomous Institute u/s UGC act 1956)



RNGPIT, Bardoli

Institute Development Plan

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IDP Horizon: 2025–2035

1. Institutional Context

R. N. G. Patel Institute of Technology (RNGPIT), an Autonomous engineering college, functions with the objective of delivering quality technical education, fostering innovation, and contributing to regional and national development. Autonomy has enabled the institution to design flexible curricula, adopt outcome-based education, and strengthen industry engagement in alignment with the National Education Policy (NEP) 2020.

The Institutional Development Plan (IDP) serves as a structured roadmap to guide academic, administrative, research, and infrastructural growth while ensuring inclusivity, accountability, and sustainability.

2. Strategic Focus Areas

The IDP is structured around the following long-term strategic priorities:

- Academic autonomy and curriculum innovation
- Research, innovation, and startup ecosystem development
- Faculty and human resource excellence
- Student employability and entrepreneurship
- Digital transformation and green campus initiatives
- Governance transparency and financial sustainability

3. Governance and Leadership Enablers

- Strengthening statutory bodies such as Governing Body, Academic Council, Boards of Studies, and IQAC
- Evidence-based decision-making and stakeholder participation
- Transparent academic, financial, and administrative governance

4. Academic Enablers

- Flexible curricula with minor degrees, honors tracks, and skill-based certifications
- Adoption of blended learning, MOOCs, experiential learning, and project-based pedagogy



- Continuous curriculum revision with industry and alumni involvement
- Emphasis on ethics, constitutional values, and lifelong learning

5. Research, Innovation, and IPR Enablers

- Establishment of a Research Cell and IPR facilitation mechanism
- Focus on applied research addressing societal and industrial challenges
- Incentives for funded projects, patents, publications, and startups
- Collaboration with industry, HEIs, and research organizations

6. Human Resource Development Enablers

- Continuous faculty development programs in pedagogy, research, and emerging technologies
- Transparent appraisal systems linked to performance and outcomes
- Leadership development and succession planning
- Supportive work environment promoting professional growth

7. Digital and Physical Infrastructure Enablers

- ERP-based academic and administrative systems
- Learning Management Systems (LMS), smart classrooms, and digital repositories
- Upgradation of laboratories and creation of innovation spaces
- Green campus initiatives focusing on energy efficiency and sustainability

8. Phased Implementation Plan

Phase I: Foundation (2024–2027)

- Academic restructuring and curriculum flexibility
- Digital governance and ERP strengthening
- Faculty capacity building

Phase II: Expansion (2027–2030)

- Research growth and industry collaboration
- Infrastructure and laboratory enhancement
- Student innovation and entrepreneurship support

Phase III: Excellence (2030–2035)

- Global academic collaborations
- Research commercialization and institutional ranking improvement
- Recognition as a model autonomous institution

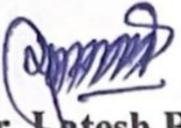
9. Monitoring and Review Mechanism

- Annual Action Plans aligned with IDP goals
- IQAC-led internal audits and stakeholder feedback
- Periodic review and course correction based on measurable KPIs



10. Expected Outcomes

- Enhanced academic quality and learner-centric education
- Increased research output, innovation, and intellectual property creation
- Improved graduate employability and entrepreneurial outcomes
- Sustainable institutional growth with societal impact
- Strong alignment with NAAC, UGC, and NEP-2020 expectations



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