

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

2025-2030

**S.N.PATEL INSTITUTE OF TECHNOLOGY (SNPIT), BARDOLI,
SURAT**

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1. Executive Summary

S. N. Patel Institute of Technology (SNPIT), Bardoli is an educational institution established in 2008 under Vidyabharti Trust, which was founded in 1980 in the Surat district. The institution is affiliated with Gujarat Technological University (GTU), approved by the All-India Council for Technical Education (AICTE), New Delhi.

The institution maintains academic and administrative compliance through standardized faculty appointments and infrastructure development. Facilities include a digital library with over 19,735 books and e-resources, computer laboratories with 410 systems, smart classrooms, and dedicated spaces for placements and student support services.

Institutional strengths include compliance with regulatory norms, digital infrastructure, industry tie-ups, and an operational placement cell. Weaknesses are identified as delays in government scholarship disbursement and communication skill gaps in students due to the rural location. Opportunities are present in faculty development, industry-aligned curriculum additions, and collaborative research. Institutional challenges include NEP 2020 implementation and limited funding for R&D activities.

The vision and mission focus on delivering education in engineering to contribute to skill development and employability. Core institutional values emphasize operational efficiency, regulatory compliance, innovation integration, workforce readiness, sustainability, and inclusive education.

Strategic goals are segmented into short-term (infrastructure and policy enhancements), mid-term (community engagement and technology adoption), and long-term (expansion of flexible education and high-quality research). Key focus areas include academic quality, research, faculty development, infrastructure modernization, industry collaboration, student employability, digital transformation, sustainability, and international engagement.

An action plan has been formulated to implement improvements based on stakeholder feedback, industry collaboration, and funding pursuit for research. Monitoring and evaluation systems include continuous academic assessment and MoU-based industry reviews. Risk management provisions cover financial contingency for students, digital preparedness, and campus safety measures.

2. Institutional profile

Embedded in a tradition of more than four decades of educational excellence, S. N. Patel Institute of Technology (SNPIT) is a beacon of knowledge, innovation, and opportunity. Founded under the prestigious Vidyabharti Trust — established in 1980 near Bardoli in the Surat district — SNPIT upholds a proud legacy of academic excellence and societal responsibility.

Being affiliated with Gujarat Technological University (GTU), AICTE-approved, SNPIT demonstrates a firm base of academic integrity and institutional excellence.

As one of South Gujarat's finest institutions, SNPIT strives to provide high-quality education and cutting-edge professional training in the areas of UG & PG Engineering. Our university curriculum is carefully designed to connect theory and practice, preparing students as future professionals in the areas of technology, business, and innovative interdisciplinary fields.

At SNPIT, we strive to create an energetic learning ecosystem based on the pillars of innovation, discipline, and integrity. Our esteemed faculty, state-of-the-art infrastructure, and robust focus on research and industrial interfaces make students well-versed in their field of study.

Education here goes beyond the confines of the classroom — it is about bringing dreams to reality.

At SNPIT, we do not merely send our students out into the world; we empower them to chart the future.

SNPIT (Bardoli) starts its academics in the year 2008. This is the one of the old self-financed institute in Bardoli region under the banner of GTU. Our college is approved by AICTE and affiliated with Gujarat Technological University (GTU).

Course offer:

1-B.E., Chemical (60 intake)

2- B.E., Civil (120 intake)

3- B.E., Computer Science (120 intake)

4- B.E., Electrical (120 intake)

5- B.E., Electronics & Communication (30 intake from AY 2025-26)

6- B.E., Information Technology (60 intake)

7- B.E., Mechanical (60 intake)

8- M.E., Civil (Construction Engineering Management) (18 intake)

9- M.E., Mechanical (Production) (24 intake)

New added course From Academic Year 2024-25,

10- Diploma in Chemical (30 intake)

11- Diploma in Computer (60 intake)

12- Diploma in Electronics & Communication (30 intake)

13- Diploma in Information Technology (60 intake)

3. SWOC analysis

Institutional Strength

- Appointment of faculty as per the mandate of AICTE and Gujarat Technological University
- Library with collection of over 19735 books for students' reference along with national and international journals along with e-library having books and journals. Our institution has integrated library management software using Delnet, inflibnet.4000 + E-books available for students.
- Three computer labs with capacity of 410 high configured computers next generation equipped with latest software as per the Programmed requirements.
- Provision of smart screens and projectors in classrooms.
- Good infrastructure confirming with well-equipped Computer Labs, Classrooms, Placement room, Girls Common room.
- Tie up and MOUs with various local and national companies for industry driven teaching.
- Institute Innovation Council and Student Development Cell
- Training and Placement Cell continuously working towards for Internship and final placement with good salary packages.
- Social outreach Programmed like International Conference to promote interaction between the fraternities has been organized.
- Experts' sessions for in depth knowledge of subject and industry working.
- Organizing FDPs at institute level and with AICTE Atal-FDP, GUJCOST Grants Also.
- SSIP Cell (Student Startup Innovation Policy) providing seed money to budding innovators
- NSS for social outreach

Institutional Weakness

- Due to rural locality, delay in receiving Government scholarship funds
- Introvert nature and lacking of soft skills in students due to rural area.

Institutional Opportunity

- Enhanced faculty welfare schemes.
- Collaboration with NGOs and international Universities to enhance placement activity.
- Motivating and providing financial support to faculties for attending Faculty Development Programs and research and publication.
- Introducing new Industry Driven Certificate Courses and subject electives which is suitable as per industry demand.
- Ecosystem for innovation including incubation center and other initiatives for creation and transfer of knowledge.
- Strengthening the alumni association.
- Focus on environmental issues, challenges and student awareness towards sustainable development.

Institutional Challenge

- Immediate adaptation of NEP 2020.
- Availing funds (scholarships) for Research and Development.

4. Vision, Mission, and Core values

Vision

To be recognized as a peer technical and research institution by facilitating transformation of students into ethical citizens and competent technocrats to meet the growing technological and socio-economic needs.

Mission

1. To provide high quality, innovative and competitive learning experience through creative balance of academic and extracurricular programs in collaboration with other academic and research institutions as well as government bodies.
2. Enable students to develop skills to solve complex technological problems of current era through industry - academia interaction and mould themselves as future leaders.
3. To synergize the students, staff, society and industries by developing competency, employability, entrepreneurship and research skills.
4. To promote new ideas, research and consultancy services for industrial and societal needs.

Core Values

- **Academic and Operational Excellence**-Ensuring high-performance standards in management education, computing practices, and information technology through structured curriculum delivery, assessment protocols, and outcome-based learning systems.
- **Governance and Ethical Compliance**-Enforcing adherence to institutional, industrial, and legal ethical frameworks across managerial, computational, and technological domains.
- **Innovation Systems and Tech-Driven Entrepreneurship**-Integrating platforms and support mechanisms for fostering innovation, product development, and startup incubation in business, software, and IT environments.
- **Leadership and Workforce Development Models**-Structuring career readiness modules and strategic capability-building pathways aligned with industry requirements for leadership and workforce deployment.

- **Societal Impact Metrics and Sustainability Alignment**-Implementing program-specific outreach, CSR frameworks, and green computing/management practices aligned with sustainable development goals and community engagement benchmarks.
- **Diversity Implementation and Inclusive Learning Systems**-Maintaining equitable access and inclusive academic structures for diverse learner profiles across disciplines and demographic segments.
- **Collaborative Infrastructure and Knowledge Integration**-Promoting interdepartmental, industry-academic, and peer collaboration frameworks to enhance interdisciplinary knowledge transfer and operational efficiency.

5. Strategic Goals and Objectives

Short Term Objectives

- ❖ To develop strategic plans to improve quality of education to management and technical students.
- ❖ To enhance and reform the academic and administrative policies for growth and development of institute.
- ❖ To improve infrastructure facilities of SNPIT all program with placement and research as focus.

Middle Term Objectives

- ❖ The University will improve linkages between knowledge creation and its application by fostering close ties between basic research, industry and services.
- ❖ The University will strengthen its programme of lifelong learning and extension and reach out to the larger community at the local, regional, national and international levels thus extending its resources to the community for inclusive development and enriching its own knowledge base by incorporating experiences gained from the community.
- ❖ The university will embrace /deploy technologies to provide student centric education.

Long Term Objectives

- ❖ In pursuance of its vision and mission, SNPIT will provide flexible and accessible system of education in which women will be prepared to face the world of opportunities and challenges and fulfil their aspirations and be empowered to take judicious decisions in all areas of life.
- ❖ The university will engage in high quality scientific research, humanistic scholarship and artistic creativity that will attract the very best teachers and researchers from around the globe and make the university a first choice for students.

6. Key Focus Areas

Our focused areas for development of institute are:

6.1 Academic Excellence

- Develop strategic partnerships with international institutions.
- Achieve accreditation/recognition from reputable agencies.
- Establish a strong Academia-Industry partnership.
- Advance Authorized Nodal centre for MOOC courses offered by the college with more enrolment.
- Establish skill development and finishing schools.

6.2 Research and Innovation

- Establish a research-intensive culture.
- Develop innovative technologies/products.
- Foster entrepreneurship and start up culture.
- Apply for Government/Non-Government industry, sponsored funds.
- Collaborations with Government & Private Institutes, Universities and Research Organizations.

6.3 Faculty Development

- Motivating faculty for faculty development program for contemporary management practices and technology.
- Improved pedagogy for students' overall development.
- Research and development activities for patents and innovation.

6.4 Infrastructure Development

- Develop sustainable and modern infrastructure.
- Implement cutting-edge technologies.

6.5 Industry Collaboration

- Industrial Research & Consultancy.
- Research guidance from industry.
- Short-Term Training Programmes.
- Collaborative Educational Programmes.
- Faculty and student exchange for knowledge sharing.
- Training programmes / Short term assignments to the faculty members in industries.
- Participation of industrial experts in curriculum design.
- Student internships and industrial visits.
- Formation of industry institute interaction cell
- Support for internships, visits, trainings, guest lectures
- Identifications of industry needs and advice on Curriculum for extra courses apart from curriculum.
- Providing career guidance

6.6 Student Support and Employability

- The Student Representatives have the responsibility towards students to be available to listen to student views and concerns and actively represent them in an objective and accurate manner.
- Budget framing and allotment for student development programs and activities.
- Students Trainings & Placement Activities.
- Formation of student council.
- Student's representation in various committee and cell.
- Participation and organisation of state and national level competitions.
- Rewards & recognitions of achievers.
- Participation in extracurricular activities.
- Participating in social and welfare activities.

6.7 Digital Transformation

- Adoption of technology in Teaching Pedagogy.
- Maintaining Attendance and tracking performance.
- Digital gateways for various monitory purpose.
- Digitally Transformed Campus.

6.8 Sustainability and Green Campus Initiatives

- Develop sustainable practices and policies.
- Establish programs for social responsibility and community engagement.
- Achieve carbon neutrality and environmental sustainability.
- Planting more plants with green initiative already in line with sustainability.

6.9 Internationalization

- Enrolling more students for International Education Program by University.
- Engaging the Professor from international University for faculty and student development.

6.10 Promotion of knowledge of India

- Introduction of Indian Knowledge System subject is already done.
- Making some practical activities for IKS real life values adoption.

7. Action Plan / Implementation Strategy

- i) Identifying areas for the improvement through faculty, student, industry partner's brainstorming.
- ii) Students' overall development with focusing on communication, confidence, personality development, networking, industry driven knowledge.
- iii) Building strong relation with industry partner (MoU Signed) for actual mutual benefit through Internship, Final Placement, Workshops and expert sessions.
- iv) Working towards Government and other funding for Research Projects for the larger benefit to society and governments.
- v) Organizing Hackathon, National Event for providing platform to our students.

8. Monitoring and Evaluation

- Monitoring Teaching Pedagogy through Lesson Planning with Continuous Evaluation Component (CEC).
- Evaluation of students perform through attendance and academic performance.
- Monthly meeting with MoU Partners to evaluate engagement with students.

9. Risk Management

- Reserve funds for poor students and in case of scholarship delays.
- Digitally equipped to deal with pandemic like Covid or any severe weather conditions.
- Fire Safety Measurements in complete campus building.

10. Budget and Financial Plan

S. N. Patel Institute of Technology (SNPIT) and its management is strongly committed to fulfilling its mission-related strategic objectives. The management funding for new initiatives and investments to achieve the mission. The institution generates revenue from the course fees collected from the students. Besides, it keeps a considerable amount as reserves and fixed deposits to ensure a seamless financial funding process for the College.