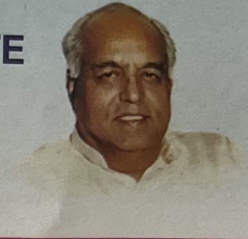




Dr. V. P. SHETKARI SHIKSHAN MANDAL'S

# PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY, BUDHGAON (SANGLI)

● **DEGREE WING [EN - 6269]** ●



TAL. MIRAJ, DIST. SANGLI - 416 304 STATE : MAHARASHTRA (INDIA).

APPROVED BY AICTE NEW DELHI & RECOGNIZED BY GOVERNMENT OF MAHARASHTRA, AFFILIATED TO D.BATU LONERE

## Perspective Plan

(Academic Year: 2025-2035)

### Introduction

PVPIT, Sangli, aims to be a premier institution of technical education, fostering innovation, research, and community engagement while cultivating global collaboration. This perspective plan outlines strategic initiatives to enhance Teaching-Learning Excellence (TLE), Research and Development (R&D), Human Resource Development (HRD), Industry-Institute Interaction (III), community engagement, and internationalization over the next ten years.

### Short Term Goals:

#### 1. Teaching-Learning Excellence (TLE)

- **Objective:** Deliver world-class technical education through innovative pedagogies, modern tools, and learner-centric approaches.
- **Strategies:**

##### 1. Curriculum Enhancement:

- Integrate emerging technologies (AI, IoT, ML, etc.) into syllabi.
- Establish multidisciplinary programs to align with global standards.

##### 2. Faculty Development Programs (FDPs):

- Conduct regular workshops on advanced teaching methods.
- Promote certifications from recognized global platforms like Coursera, edX, and NPTEL.

##### 3. Digital Learning Ecosystem:

- Invest in virtual labs, e-learning platforms, and AR/VR tools for immersive learning.
- Encourage flipped classrooms and blended learning methodologies.

##### 4. Student Development Initiatives:

- Host regular hackathons, ideathons, and skill-building boot camps.
- Foster student entrepreneurship through incubation cells.



## **2. Research and Development (R&D)**

- **Objective:** Strengthen R&D capabilities to address societal and industrial challenges.

- **Strategies:**

### **1. Research Centers of Excellence:**

- Establish dedicated labs in AI, renewable energy, robotics, and smart manufacturing.
- Collaborate with industries for sponsored projects.

### **2. Funding and Grants:**

- Pursue national and international funding opportunities from DST, AICTE, and Horizon Europe.
- Reward faculty and students for publishing high-impact research papers.

### **3. Patent and Innovation Support:**

- Set up an Intellectual Property Rights (IPR) cell to support patent filing.
- Organize innovation competitions to encourage problem-solving.

### **4. Knowledge Dissemination:**

- Host national and international conferences, seminars, and webinars.
- Publish in-house technical journals and encourage collaborative research.

## **3. Human Resource Development (HRD)**

- **Objective:** Cultivate a skilled, motivated, and innovative workforce for institutional excellence.

- **Strategies:**

### **1. Faculty Empowerment:**

- Offer structured career advancement programs.
- Provide sabbatical leaves for research and higher studies.

### **2. Skill Enhancement Programs:**

- Train staff in technical, managerial, and communication skills.
- Implement leadership development workshops for administrators.

### **3. Recruitment Excellence:**

- Attract global talent through competitive recruitment policies.
- Retain talent through performance-linked incentives and career growth opportunities.



#### 4. Well-being Initiatives:

- Create a supportive work environment with wellness programs.
- Ensure gender equity and inclusion across all institutional levels.

#### 4. Industry-Institute Interaction (III) and Community Engagement

- **Objective:** Build a symbiotic relationship between academia, industry, and society for holistic development.
- **Strategies:**
  1. **Industry Collaboration:**
    - Sign MoUs with leading industries for internships, live projects, and guest lectures.
    - Set up industry-sponsored labs for hands-on training.
  2. **Skill Development for Society:**
    - Conduct vocational training programs for local communities.
    - Partner with NGOs for awareness campaigns in health, education, and technology.
  3. **Knowledge Transfer Initiatives:**
    - Establish consultancy services for SMEs and startups.
    - Create a community innovation lab to address regional challenges.
  4. **Entrepreneurship Promotion:**
    - Launch a robust startup ecosystem with mentoring and funding support.
    - Organize community-oriented business competitions.

#### 5. Internationalization

- **Objective:** Enhance global engagement through collaborations and student-faculty exchanges.
- **Strategies:**
  1. **Global Partnerships:**
    - Collaborate with international universities for exchange programs and joint research.
    - Participate in global accreditation processes like ABET or AACSB.
  2. **International Student Engagement:**
    - Offer globally recognized certifications and degree programs.
    - Develop infrastructure to attract international students.



### 3. Global Exposure for Students and Faculty:

- Facilitate international internships and exchange programs.
- Sponsor participation in global technical competitions and conferences.

### 4. Cultural Exchange and Learning:

- Host international cultural festivals and academic conclaves.
- Promote online global classrooms through collaborative platforms.

### 5. Monitoring and Evaluation

- **Annual Review:** Set measurable goals for each initiative and evaluate progress annually.
- **Feedback Mechanism:** Involve stakeholders (students, faculty, industry) in decision-making through surveys and forums.
- **Continuous Improvement:** Adapt strategies based on feedback and evolving trends.

- 6. **NIRF Ranking:** To be in the first 100 hundreds institution as far as NIRF ranking is concerned.

### Long Term Goals:

#### 1. To achieve the status of Deemed to be a university:

Our long-term goal is to be deemed a university before 2035.

#### 2. To Start a New College/School:

We aim to expand the educational horizon beyond engineering. We aim to start new schools and Colleges to cater the knowledge of all branches of education.

#### 3. To be a World-Class Institution:

We aim to be an internationally recognized institution in the next decade.

#### 4. ISRO Centre:

We aim to collaborate with ISRO and have an ISRO-sponsored center at our Campus.

### Conclusion

This perspective plan positions PVPIT, Sangli, as a hub for technical excellence, innovation, and community impact. By fostering synergy between TLE, R&D, HRD, III, community engagement, and internationalization, the institute aspires to shape globally competent professionals and address societal needs effectively.

  
Academic Dean



  
Principal