



# PERSPECTIVE/STRATEGIC PLAN

2021-2026

**PES MODERN COLLEGE OF ENGINEERING**  
**PERSPECTIVE/ STRATEGIC PLAN (2021-2026)**

**VISION**

*“To create a collaborative academic environment  
to foster professional excellence and ethical  
values”*

**MISSION**

1. To develop outstanding engineers & professionals with high ethical standards capable of creating and managing global enterprises.
2. To foster innovation and research by providing a stimulating learning environment.
3. To ensure equitable development of students of all ability levels and backgrounds.
4. To be responsive to changes in technology, socio-economic levels and environmental conditions.
5. To foster and maintain mutually beneficial partnerships with alumni and industry.

**QUALITY  
POLICY**

We, PES Modern College of Engineering are committed to develop and foster cultured and promising professionals by imparting quality education in the field of Engineering and Management.

## GOALS

- Developing quality human resources possessing soft and technical skills and amenable to team working, requiring minimum or no training period, in the areas high National/ International demands.
- Augment human and physical resources for developing strong Industry-Institute and R & D Organization-Institute interaction to encourage bilateral sharing of skills and knowledge
- Offering Post-Graduate programs to promote careers of potential teachers.
- Promoting research activities for R& D cell.
- Becoming an autonomous Institute.
- Becoming eligible for collaboration with Foreign Universities and renowned Industrial houses.
- Becoming excellent centre in the fields of Electronics and Telecommunication, Computer Engineering, Information Technology, Mechanical and Electrical Engineering and eventually achieve the Deemed University status.

## OBJECTIVES

- To develop infrastructure appropriate for delivering quality education.
- To develop the overall personality of students who will be innovators and future leaders capable of prospering in their work environment.
- To inculcate ethical standards and make students aware of their social responsibilities.
- Promote close interaction among industry, faculty and students to enrich the learning process and enhance career opportunities.
- Encourage faculty in continuous professional growth through quality enhancement programs and research and development activities.
- Foster a healthy work environment which allows for freedom of expression and protection of the rights of all stakeholders through open channels of communication.

# **PES MODERN COLLEGE OF ENGINEERING**

## **PERSPECTIVE/ STRATEGIC PLAN (2021-2026)**

### **INTRODUCTION**

- ✓ The Institute has prepared a Strategic/ Perspective Plan for a period of ten years commencing from academic year 2021-22 to academic year 2025-26 by taking into consideration the quality indicators defined by various accrediting agencies.
- ✓ In the preparation of the Perspective Plan, the Planning and Development Committee of the Institute has taken initiative to gather inputs from all stakeholders regarding their expectations and incorporated them in the Perspective plan.
- ✓ The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality measures.
- ✓ Management policies, goals and objectives of the Institute are considered as a base for formulation of the perspective plan.
- ✓ The draft of Perspective Plan has been discussed, reviewed and approved in the College Development Committee of the Institute.
- ✓ The perspective plan broadly covers the following aspects:

**Strategy 1: Experiential and Innovative teaching-learning environments**

**Strategy 2: Reinforce Student Centric Mechanism for their Overall Development and Superior Career Prospective**

**Strategy 3 Promotion of Research among staff and students**

**Strategy4: Enhancing the Collaboration with Industry**

**Strategy 5: Strengthening Schemes for Faculty Empowerment**

**Strategy 6: Quality Assurance Measures**

✓ **Strategy 1: Experiential and Innovative teaching-learning environments**

**Activity I:** Impart **project-based learning** approach to the student from entry to final level of the program

**Activity II:** Encourage teaching faculty members for effective development of online/ offline **training modules**

**Activity III:** Excellence in **experiential learning** opportunities and conserve **fundamental laboratory and quality classrooms**

**Activity IV:** Motivate teaching faculty members for effective implementation of **Experiential and Innovative teaching learning** techniques

✓ **Strategy 2: Reinforce Student Centric Mechanism for their Overall Development and Superior Career Prospective**

**Activity I:** Efforts to enhance **required skill** among students to satisfy needs of the **industry**.

**Activity II:** Motivate students for participation in **social activities, extracurricular and co-curricular activities**

**Activity III:** Offer **supported training or certification courses** for increasing placements of the students in renowned industry.

**Activity IV:** Motivate students to take part in **research activities**.

**Activity V:** Offer necessary inspiration and support for **Entrepreneurship**

**Activity VI:** Provide necessary guidance to under graduate students for **higher education and competitive examinations**

✓ **Strategy 3 Promotion of Research among staff and students**

**Activity I:** Encourage under-graduate students to **contribute in the research**

**Activity II:** Offer requisite support and motivation for **research and professional ethical practices** to teaching faculty members

**Activity III:** Collaboration with reputed **research institutes**

**Activity IV:** Develop areas of excellence in a **cutting-edge technology**

#### ✓ **Strategy 4 :Enhancing the Collaboration with Industry**

**Activity I:** Strengthen the collaboration with industry through **Industrial Visits, Expert Talks, Guest Lectures, etc.**

**Activity II:** Collaboration with industry through **industry sponsored projects, Internships**

**Activity III:** Motivate teaching faculty members to take **consultancy projects**

**Activity IV:** Collaboration with national, international industry through **Alumni network**

**Activity V:** Development of industry **supported laboratory**

#### ✓ **Strategy 5: Strengthening Schemes for Faculty Empowerment**

**Activity I:** Motivate teaching faculty members to actively participate in organization **Workshop, Short Term training Programs, Conference in cutting-edge areas**

**Activity II:** Encourage and provide necessary support to teaching faculty members and non-teaching staff for **higher education**

**Activity III:** Offer essential support to teaching faculty members for **research publications in quality indexed journals and conferences**

#### ✓ **Strategy 6: Quality Assurance Measures**

**Activity I:** Acquire accreditation from **National Assessment and Accreditation Council (NAAC)**

**Activity II:** Acquire status as an **Autonomous Institution**

**Activity III:** Acquire accreditation for all Programs from **National Board of Accreditation (NBA)**.

**Activity IV:** Preparation towards **National Education Policy (NEP 2020)**

**Activity V:** Achieve reputable ranking in **National Institute Ranking Framework (NIRF) and other rankings**