



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

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INSTITUTIONAL DEVELOPMENT PLAN (2025-2034)

POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY, JAIPUR

As part of the implementation of National Education Policy-2020

Content
1. Institutional Basic Information
1.1 Institutional Profile
1.2 Institutional SWOC Analysis
2. Institutional Development Plan
2.1 Vision of Institution
2.2 Mission of Institution
2.3 Our Values
2.4 Institutional Objectives
2.5 Institutional Goals (short term & long term)
2.6 Executive Summary about the Institute
1) NEP-2020 Implementation
2) Achievements & Felicitations
3) Infrastructure (Labs, CoEs, Cells, Clubs, Council and other Facilities)
4) Effective Teaching and Learning Environment
5) Innovative Research & Development
6) Industry Exposure & Placements with highest packages
7) Decentralization for Effective Management
8) Efforts for Autonomy
2.7 Institute Perspective Plan
Strategy 01: Efficient Teaching Erudition procedure.
Strategy 02: Effective Leadership, Governance and Participative management.
Strategy 03: Stringent Internal Quality Assurance System
Strategy 04: Student's Overall Development through Participation:
Strategy 05: Employees Advancement & Welfare
Strategy 06: Implementing National Educational Policy (NEP) and Participative Governance.
Strategy 07: Financial Transparency & Accountability:
Strategy 08: Cultivate and nurture the talents and capabilities of the faculty and staff members.
Strategy 09: Enhance visibility on a national and global scale.
Strategy 10: Bench-marking practices and process of the institute through accreditation's, rankings, and commitment to sustainable development goals (SDGs).
Strategy 11: Strengthening collaborations with Government Agencies, Industry and Academic Institutes across globe for peer learning and skill development.
Strategy 12: Delivering Innovation for Entrepreneurship and product development along with quality Training Progression & Placements.
Strategy 13: Strengthening of Research & Development with variety and extensive funding.
Strategy 14: Developing a Strong and Extensive Network of Alumni
Strategy 15: Community Outreach and Sustainable Development:
Strategy 16: Green & Sustainable Environment Practices:



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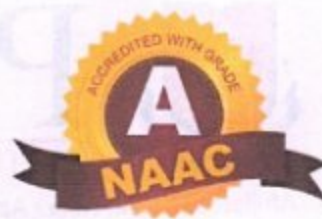


3. Financial Development Plan
3.1 Objectives (Short, Medium and Long)
3.2 Road map for financial development
3.3 Resource Mobilization Plan
3.4 Financial Autonomy



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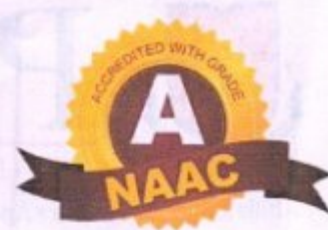
1. Institutional Basic Information

Name of the Institution	Poomima Institute of Engineering and Technology, Jaipur		
Affiliating University	Rajasthan Technical University, Kota		
Head of the Institution	Dr. Dinesh Goyal		
E-mail	principal.piet@poomima.org	pietjaipur@rtu.ac.in	
Mobile No:	9928015792	9887678379	
College Website	https://www.piet.poomima.org/	AISHE Code: C-25158	
Courses Offered	B.Tech:- <ul style="list-style-type: none">• Computer Engineering• Artificial Intelligence and Data Science• Computer Science & Engineering (Indian language)• Computer Science & Engineering (Data Science)• Computer Science & Engineering (Artificial Intelligence)• Computer Science & Engineering (Internet of Things)		
Affiliated / Constitution Colleges	Affiliated		
Type of Affiliation	Co-education		
Financial Status	Self-financing		
DESIGNATION	NAME	EMAIL-ID	
Registrar	Dr. Balwan		
Contact Details	e-mail- registrar.piet@poomima.org	Mobile No: 9928015792	
IQAC Coordinator	Dr. Mueksh Chandra		
Contact Details	e-mail- iqac.piet@poomina.org	Mobile No:9897195374	
HoD Applied Sciences	Dr. Sama Jain	sama.jain@poomima.org	
HoD Computer Science & Engineering	Dr. Anil Kumar	anilkumar@poomima.org	
HoD Artificial Intelligence and Data Science	Dr. Budesh Kanwar	budesh.kanwar@poomima.org	
HoD IoT	Dr. Payal Bansal	payal.bansal@poomima.org	
NAAC Grade	A	Score	3.05



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1.1 Institutional Profile:

Poomima Institute of Engineering & Technology, Jaipur is a globally competent institute for the Engineering program and highly aims to serve at national and international levels by training the young & aspiring engineers as fully skilled technocrats. Poomima Institute of Engineering & Technology (PIET), Jaipur is a premier institution in Engineering Education, established in the academic year 2007; it is affiliated to Rajasthan Technical University, approved by AICTE and is recognized under UGC 2(f). PIET is meticulously working with its full potential in all dimensions to generate excellence in academics and in overall development of its students. It is the learning home to a total of 1700 students and is committed to impart best technical skills in students through its eight specializations of engineering at UG level namely B.Tech in **Artificial Intelligence and Data Science, Computer Engineering, Computer Science & Engineering (Artificial Intelligence), Computer Science and Engineering (Data Science), Computer Science and Engineering (Internet Of Things), Electrical Engineering, Electronics & Communication Engineering, Computer Engineering (Indian Language)**. From solar-energy systems to mobile phones, we aim to innovate and research to meet society's communication, technical and energy needs. PIET is having excellent faculty members and staff to bring out the determined objectives of these courses.

Benchmarks

We have set many benchmarks and reached new pinnacles in engineering education with dedication, perseverance and devotion in its magnificent journey of less than two decades. PIET has been providing an excellent technical and scientific education that has been able to develop professional and holistic development of our students. We have successfully achieved few wonderful milestones by constant hard work and sincere dedication towards preparing the absolute trained engineers in different streams such as:

- Being ranked 4th in annual QIV ranking by Rajasthan Technical University.
- Being the 1st Institution across India to offer B. Tech CE in Indian language under NEP 2020.
- Accredited by National Assessment and Accreditation Council (NAAC) since 2019. Awarded with "A" grade in the year 2025.
- Accreditation by National Board of Accreditation for B. Tech (Computer Engineering) program for the last 06 years and for B.Tech. (Civil Engineering) program in 2019-20 and was 1st private college across Rajasthan to achieve the same.
- PIET has been rated Diamond by QS-I Gauge for its excellent efforts in academics, placements, innovations and entrepreneurship, out of 8 parameters, PIET has achieved platinum rating in 05 parameters.
- Rated PLATINUM by AICTE- CII Survey for strong Industry Linked Technical Institutes.
- Establishment of the first and only IDEA Lab in Rajasthan funded by AICTE and is having many industries and government-funded labs like Neural Network & Deep Learning Lab under AICTE- MODROB, REDHAT Lab, ORACLE Lab and many more.
- PIET has been awarded center of excellence for Advanced Digital Manufacturing by its affiliating University that facilitates Skill development, hands on learning and innovation.
- Strong Industry & Academia collaboration with more than 40 Industry & Academia work in tandem with us for developing student skills, research, internships, placements and faculty exchange.
- In last 06 years PIET has published more than 723 papers in reputed journals, out of them more than 340 are SCI & Scopus Indexed.
- The total amount for research grants received in last six years is Rs. 1.77 crore.
- With help of dedicated IPR cell. The students and faculty members have more than 140 patents published and



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10 patents granted in last 06 years.

- Every year we place more than 75% students with top reputed Industries with average package of Rs.5.5 lakh per annum.
- Poornima Business Incubation Cell (PBIC) is a dedicated unit that encourages and supports to work towards entrepreneurship and till now 48 incubations have been nurtured out of which 18 are registered with Government bodies too.

1.2 Institutional SWOC Analysis:

SWOC analysis, a method of strategic introspection, finds its relevance when applied to critical entities such as the Internal Quality Assurance Cell (IQAC) within an organization. In the pursuit of elevating educational quality, the IQAC undergoes a meticulous scrutiny through the lens of Strengths, Weaknesses, Opportunities, and Challenges.

Strengths:

- **Student-Centric and Student Owned Academic Approach:** Students have become an integrated part of the governance through an established Student Council and various committees that continually works towards their betterment. Student centric academic approach works to cater diverse students.
- **Faculty Empowerment:** Faculty at PIET are appreciated and rewarded, enhancing their research and academic growth. Many incentives and promotional schemes are available for faculty and staff.
- **Skill Development for Quality Placements:** Students are trained for quality placements in major MNCs like Infosys, TCS, Capgemini, IBM, Adani, etc. The Placement and Training Cell collaborates with department coordinators to enhance students' skills.
- **Research, Development and Industry Academia Collaborations:** Industry-academia interactions are fostered and internships are being facilitated to keep the students up to date with changing industry needs. Along with this, the students and faculties at PIET keep themselves highly motivated and updated for constant hard work in their research, publications and other academic development.
- **Established PBIC:** For incubation and entrepreneurship activities, PBIC regularly conducts entrepreneurship development programs, workshops, seminars, startup programs and training programs. It also provides incubation facilities, services, and networking opportunities for our budding entrepreneurs.
- **Strong E-governance and Transparency:** Our institution has established a strong e-governance via the deployment of online portals for administrative functionalities, incorporation of digital learning platforms, and the establishment of sophisticated management information systems resulting in efficient and transparent administrative and academic functions.
- **Strong Support from the Leadership:** The support from leadership, including the director and management, serves as a key strength for our institution, contributing to the enhancement of academic excellence and institutional vision.

Weaknesses:

- **Limited Diversity and Inclusion:** A lack of diversity in both student and faculty populations might be considered as our weakness, as it limits exposure to varied perspectives and experiences.
- **Technology Transfer:** Although the rapid pace of technology transfer broadens our interdisciplinary reach, at times it influences the allocation of resources, occasionally diverting attention from long-term academic goals.

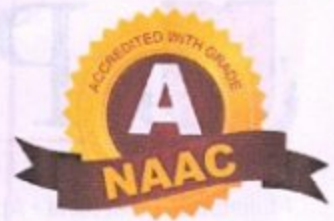
Opportunities:

- **Alumni Engagement:** We have established the Poornima Alumni Association (PAA) to regulate alumni meetings and involve them in college governance. Including the alumni in the administrative decisions and



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inviting them to inspire young minds has proven to be highly beneficial as students are seen to relate to their seniors thereby helping them progress in their individual fields.

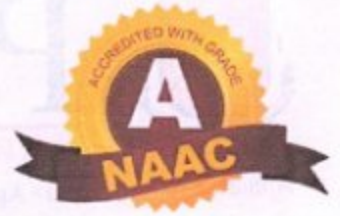
- Growth in Research and Innovation: We are working for collaborations with Government & Private Institutes, Universities and Research Organizations to intensify research grants and publications
- Continuous Improvement through Stakeholder Engagement: Stakeholder feedback encompasses input from various sources, both internal (employees, administrators) and external (students, parents).
- Community Engagement: We are working to establish strong ties with the local community and industries to address societal needs and contribute to regional development. This includes providing vocational training /job-oriented training, educational support, organizing awareness camps as per local needs at the institute.
- Autonomous: Establishing an autonomous entity will help us to adapt curricula, enhance research endeavors, streamline administration, and pursue global collaborations for sustainable growth and innovation.

Challenges:

The institution has following challenges-

- Global Competition: The global academic landscape demands the maintenance of high standards to uphold the organization's competitive standing.
- Changing Educational Landscape: Implementing the National Education Policy (NEP) in our institution presents challenges, demanding substantial adjustments and resource allocation to effectively incorporate online learning, competency-based education, and interdisciplinary approaches, requiring faculty training and infrastructure development for a successful integration.

In this succinct analysis, the IQAC's journey unfolds, marked by strengths to leverage, weaknesses to overcome, opportunities to seize, and challenges to navigate. Each facet, a stepping stone in the path toward a heightened educational paradigm, delineates the course for the IQAC's strategic evolution within the organization's framework.



2. Institutional Development Plan

2.1 Vision

To create knowledge-based society with scientific temper through cutting-edge technologies, innovative research and to become valuable resource for enriching mankind.

2.2 Mission

- To provide an environment that will enable students and faculty members to be skilled in creation and implementation of new ideas.
- To provide platform to improve questioning, observing, testing, analyzing and communication skills.
- To provide qualitative education and generate new knowledge with integration of emerging technologies and research.
- To practice and promote high standard of potential ethics, transparency and accountability.

2.3 Our Values:

Our excellence is derived from a persistent commitment to hard work, diligence, perseverance, and consistency in the pursuit of the highest quality in whatever we do.

- **Collaboration:** The high level of collaboration is established and valued at multiple levels including teaching-learning process, work relationships, research work, scholarships, industry support services etc.
- **Integrity:** An uncompromising commitment to honesty and fairness underlies in executing all academic and non-academic activities.
- **Innovation:** Valuing and supporting each other in taking risks and striving for creating the economic and societal values for innovations.
- **Respect:** Respecting each other in an environment by valuing, considering, and influencing others with the 'feelings and perspectives.
- **Responsibility:** Taking responsibilities and striving for delivering the tasks in the best possible manner for the appraisal.

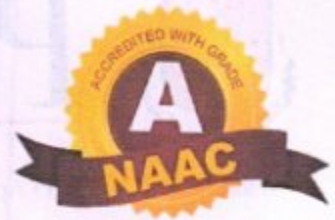
2.4 Institutional Objectives:

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.
- To assess the progress of the academic process through audit system and to ensure an effective and transparent operations to achieve excellence in Academic, Administrative and Financial activities.
- To achieve excellence in application-oriented research in selected areas of technology to contribute to the development of the region and the nation.
- To implement effective & efficient Teaching-Learning practices by incorporating latest pedagogical skills.
- To strengthen industry institute interaction with the aim of increasing the industry-oriented skills of the students leading to quality placements.
- To nurture students with good soft skills, and ethics for the better of the society.
- To develop the students and staff to get international Acclamation through quality research and development work.



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2.5 Institutional Goals:

1. Short Term Goals

- Attaining Autonomous status.
- We aspire to elevate the institute's position within the top QIV category at Rajasthan Technical University.
- Our emphasis is on cultivating students who demonstrate strong discipline, extensive knowledge, and outstanding employability skills.
- We intend to conduct a variety of seminars, faculty development initiatives, workshops, and conferences to enrich the knowledge base of both faculty and students.
- The institution will introduce specialized programs aimed at equipping students with vital technical, communication, and leadership competencies.
- We aim to instruct students on the relationship between environmental factors and infrastructure, empowering them to make informed engineering choices throughout their professional journeys.
- Our objective is to improve placement opportunities with higher salary packages.
- We are committed to nurturing a collaborative partnership between the institute and industry stakeholders.
- Establishing more collaborative laboratories with industry support to promote projects that enhance cooperation between academia and industry.
- To improve the quality of research publications produced by faculty and students.
- To increase the acquisition of research grants from both governmental and non-governmental organizations.
- To foster advancements in innovation.
- To cultivate entrepreneurship through the Poornima Incubation Center.

2. Long Term Goals

To improve the institution's quality standards, a set of goals has been outlined for the next five years. These goals include:

- To secure an upgrade in NAAC Accreditation to an A++ Grade in 2029.
- To achieve a higher ranking in the NIRF.
- Introducing postgraduate programs at institute.
- Aiming to become a "Global Centre of Academic Excellence" by utilizing the resources and expertise within each cluster.
- Increasing the number of faculty members with Ph.D., while also encouraging and supporting current faculty to pursue their Ph.D. studies and ensuring their successful completion. Additionally, efforts will be made to recruit new faculty with Ph.D. degree.
- To collaborate with international universities and institutions to enable faculty exchange programs and comprehensive learning experiences that blend academic knowledge with industry practices.
- Strengthening community connections by enhancing social initiatives that encourage engagement with the local community through various departments and committees within the Institute.
- The goal is to obtain accreditation for the all programs from the National Board of Accreditation (NBA).
- To obtain accreditation from the Accreditation Board for Engineering and Technology (ABET).

2.6 Executive Summary about the Institute:

The institute highly aims to contribute to society and nation development by encouraging individual capacity building and incorporating the goals of the Indian higher education system. Established in 2007, PIET aims to inculcate global



competencies among students and promoting a closer relationship between the "world of competent-learning" and the "world of skilled work." The institution is affiliated with Rajasthan Technical University and is recognized under UGC 2(f). PIET offers a range of courses including B.Tech. in Artificial Intelligence and Data Science, Computer Science and Engineering (Artificial Intelligence), Civil Engineering, Computer Engineering, Computer Science and Engineering (Regional), and Computer Science and Engineering (Data Science) at the UG level and provides online courses, virtual lab experiments, and coding competitions. We follow Outcome Based Education (OBE) curriculum for all academic programs using IQAC to monitor curriculum planning and delivery and academic calendar serves as the blueprint for all curricular, co-curricular, extra-curricular, and extension activities. PIET has greatly aligned its vision and mission with the SDG-17 Goals aiming to transform the world. The United Nations' Sustainable Development Goals (SDGs) are a framework for addressing global challenges and developing sustainable development.

1. NEP-2020 Implementation

- **Alignment of Vision and Mission with Sustainable Development Goals (SDG):** Poomima Institute of Engineering and Technology takes pride in mentioning that it has aligned its vision and mission in a very significant manner for creating a better society and nation. The Sustainable Development Goals (SDGs) outlined by the United Nations serve as a comprehensive framework for addressing global challenges and developing sustainable development. These SDGs aim to transform our world. These goals are a call to action to end poverty and inequality, protect the planet, and ensure that all people enjoy health, justice and prosperity.

The institute emphasizes sustainability in education, research and campus initiatives, ensuring a balance between technological advancements and societal well-being. PIET prepares students to address global challenges with a sense of social responsibility through innovative teaching methods, industry collaborations, and community engagement. The institution actively promotes eco-friendly practices, efficient resource management and skill development to create a positive environmental and social impact. PIET also strives to build a learning environment that encourages innovation, ethical leadership and holistic growth in alignment with sustainable development objectives by continuously refining its policies and academic framework.



- **Offering B.Tech. Computer Engineering in Indian language:** Poomima Institute of Engineering and Technology became 1st Institute across India, to offer B.Tech. Computer Engineering in Indian language



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with intake of 60 students in 2021. This initiative aligns with the National Education Policy (NEP) 2020, which emphasizes education in the mother tongue to enhance comprehension, critical thinking, and inclusivity in technical learning. It is a matter of pride for PIET to run the technical course in Hindi medium also for providing maximum assistance to enhance the students' learning. This pioneering step by PIET marks a significant milestone in Indian higher education, setting a precedent for technical education in regional languages while reinforcing India's linguistic and cultural heritage in the digital era in the following manner:

- i. **Medium of Instruction:** The course is taught in an Indian language to ensure better understanding for students from diverse linguistic backgrounds.
 - ii. **Promoting 'Bharat Basha':** NEP 2020 recognizes local languages as 'Bharat Basha' to encourage cognitive development and critical thinking.
 - iii. **Bridging the Language Gap:** This initiative removes the barrier of English proficiency, allowing students to grasp complex engineering concepts effectively.
 - iv. **Curriculum & Industry Integration:** The course includes advanced computing subjects, programming, AI, and software development, with a focus on Indian language computing and NLP (Natural Language Processing).
 - v. **Employment & Research Opportunities:** Graduates can contribute to regional language software, AI-based translation tools, and NLP applications, supporting India's digital transformation.
 - vi. **Encouraging Diversity in STEM:** It empowers rural and regional students to pursue technical education without language constraints, fostering a more inclusive engineering ecosystem.
- **Relevant courses in Emerging areas under NEP-2020:** As per NEP 2020, Poomima Institute of Engineering & Technology has many advantages over the traditional colleges by offering latest and relevant courses such as- B.Tech. in Artificial Intelligence and Data Science, Computer Science and Engineering (Artificial Intelligence), Civil Engineering, Computer Engineering, Computer Engineering (Indian Language), Computer Science and Engineering (Data Science), Computer Science and Engineering (IOT), Electronics & Communication Engineering and Electrical Engineering at UG level to fulfill the contemporary needs of society and nation. The following points are given as how these courses of PIET are aligned with NEP-2020:
 - i. **Flexible & Multidisciplinary Curriculum:** Multiple entry-exit options (Certificate, Diploma, B.Tech. Honors/Research) with a Choice-Based Credit System (CBCS).
 - ii. **Industry-Oriented Learning:** Focus on AI, Data Science, IoT, and automation with hands-on training, internships and industry collaboration.
 - iii. **Integration of Indian Knowledge System (IKS):** Courses like Computer Engineering (Indian Language) promote AI & NLP in regional languages.
 - iv. **Research & Innovation:** Final-year research projects, collaboration with industries and problem-solving focus.
 - v. **Digital & Online Learning:** Integration with SWAYAM, NPTEL, AICTE Virtual Labs for blended learning.
 - vi. **Soft Skills & Ethical Learning:** Emphasis on communication, entrepreneurship, sustainability, and ethics in technology.
 - vii. **Global & Local Collaboration:** Credit transfers, twinning programs and partnerships with international.
 - **Integration of Indian Knowledge System (IKS):** The implementation of the Indian Knowledge System (IKS) at PIET reflects the institute's commitment to holistic education aligning with the National Education Policy. PIET integrates IKS into its academic and extracurricular framework by offering diverse engineering programs such as Computer Science, Data Science, and IoT. We also emphasize interdisciplinary learning



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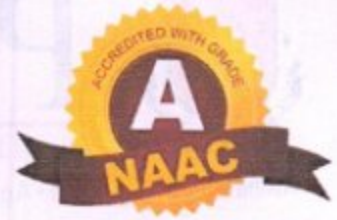
through subjects like disaster management, communication skills, universal human values and managerial economics as being the first institute to offer B.Tech. in a regional language. The innovative teaching methods such as audio-visual materials, field studies and authentic primary sources replace conventional bookish learning for ensuring a deeper understanding of IKS. A dedicated database of peer-reviewed resources is also maintained and content in regional languages is compiled. Faculty members actively contribute through original research and specialized courses, while students engage in competitions covering natural sciences, humanities, engineering and vocational skills within an IKS framework. During the well-planned orientation programme, we introduce the faculty members and students to IKS vocabulary and concepts through expert sessions, which are organized on time management, mental health, yoga and meditation, enhance the learning experience. The institute also hosts events like AROHAN, blood donation camps, road shows and cultural interactions, inviting local artists and craftspeople as Artists-in-Residence. Through these initiatives, PIET integrates IKS with modern education, enriching the academic environment while preserving and promoting India's cultural and intellectual heritage.

- **Well-determined initiatives by of IQAC Department:** PIET follows the curriculum in all academic programs affiliated with Rajasthan Technical University, focusing on Outcome Based Education (OBE) for undergraduate programs and defining Course Outcomes (COs) and mapping with Program Outcomes (POs) and Program Specific Outcomes (PSOs). The institute uses Internal Quality Assurance Cell (IQAC) to monitor curriculum planning and delivery and the Academic Calendar serves as the blueprint for all curricular, co-curricular, extra-curricular and extension activities. Internal Quality Assurance Cell (IQAC) of PIET has contributed significantly for Institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities as being committed to achieve excellence in all aspects, from admissions to teaching-learning processes, examinations, extra and co-curricular activities, industry-institution interaction, research and development, continuing education, and consultancy. The institution holds four annual meetings with IQAC members to assess internal quality measures, including an Academic Audit, focusing on curriculum effectiveness, teaching methodologies, assessment strategies, and student learning outcomes. IQAC also discusses adjusting engineering programs to the National Education Policy 2020 addressing the Outcome Based Education attainment gap, and assessing faculty quality publications, FDPs, and training.
- **AICTE- UHV based Student Orientation Programme and FDP:** PIET organizes the Universal Human Values (UHV) based student Orientation programme every year. The Student Orientation Programme helps new students understand the importance of self-awareness, ethics, and social responsibility through interactive sessions, discussions, and experiential activities. The objective of this programme is to sensitize the engineering students to the importance of human values in their professional journey and equip them with the means to integrate ethical considerations into their engineering practice in future as in an increasingly interconnected and technologically advanced world, the role of engineers extends far beyond technical expertise. The main thought is that the engineers are not only responsible for designing and building innovative solutions but also for considering the ethical and societal implications of their creations. PIET conducts the Universal Human Values based Faculty Development Programme (FDP) as part of its commitment to holistic education. The FDP on UHV supports faculty in integrating human values into teaching, fostering a learning environment that emphasizes ethics and personal growth. Through expert-led sessions and real-life discussions, these programs encourage both students and educators to cultivate a balanced approach to education that extends beyond academics.



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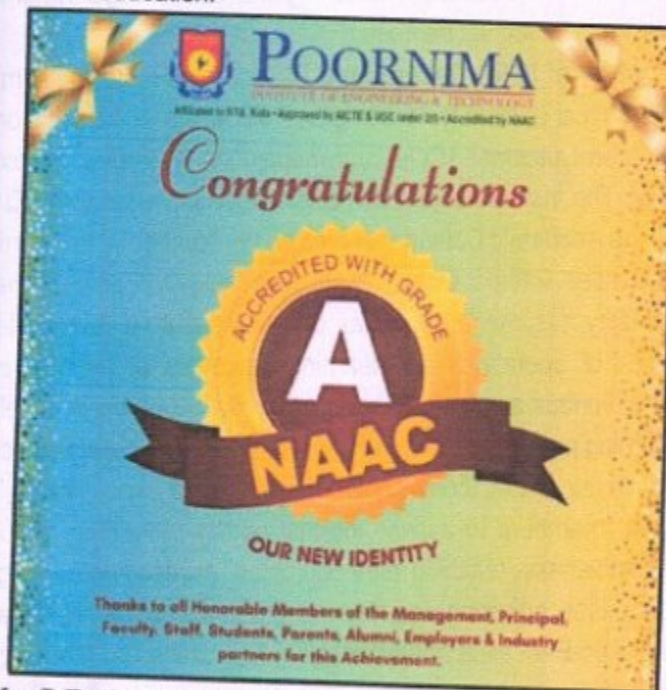


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2. Achievements & Felicitations

- **Accredited with 'A' grade by National Assessment and Accreditation Council (NAAC):** Poornima Institute of Engineering & Technology has been awarded the prestigious National Assessment and Accreditation Council (NAAC) "A" Grade in the year 2024, marking another milestone in our journey toward academic excellence. This achievement is not just a recognition—it is a testament to the dedication, excellence and unwavering support of our Students, Faculty, Staff, Management, Governing Council, Parents, Industry Partners and our Alumni.

At Poornima, we remain committed for providing quality education, research and innovation, ensuring our students are equipped with industry-relevant skills and knowledge. Our strong Placement Records, Industry Collaboration, Strong Research & Innovation Culture with Student-Centric approach set us apart in shaping future leaders and innovators. Therefore, PIET is continuously marching forward to enhance all the standards to achieve quality technical education.



- **NBA Accreditation for B.Tech. Electrical Engineering, Civil Engineering and B.Tech. Engineering-** The NBA (National Board of Accreditation) promotes the international quality standards for technical education in India as per the Washington Accord which sets the benchmarks for Technical academic programmes is like a key foundation for the practice of engineering at the professional levels across various countries or territories covered by the Accord. As per the Washington Accord agreement, the recognition of programs by other signatories applies only to programs accredited by NBA in India and such institutions are considered Tier I Institutions. PIET has proudly achieved this accreditation for B.Tech. Civil Engineering program in 2019-20 being the 1st in Private Institutes and 1st amongst affiliated colleges and was second in Rajasthan to achieve the same. Along with this, B.Tech. program has also received NBA accreditation for two times in a row, i.e. 2017 & 2020. B.Tech. Electrical Engineering Program has also received NBA accreditation in 2017. This accreditation for B.Tech. Civil Engineering and B.Tech. Computer Engineering program indicates that the program outcomes of NBA authorized. PIET has met the strict quality standards to meet the level of excellence.
- **Diamond Rating by QS I Gauge:** PIET has recently received very prestigious award of Diamond Rating by QS I Gauge by proving itself a true reflection of commitment towards an excellence and quality in education



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of SDG4 in Feb 2024. The award was felicitated by the Hon'ble Governor of Tamil Nadu, Shri Ravindra Narayan Ravi to PIET. Out of 08 parameters our team was succeeded in obtaining platinum rating in 05 parameters such as- teaching and learning, employability, facilities, governance, entrepreneurship and academic excellence. This milestone underscores PIET's position as a leading institution in India's higher education landscape, setting benchmarks in academic quality, employability, and student development. The Diamond Rating by QS I-GAUGE further enhances PIET's credibility on a national and global scale by attracting students and faculty members who seek world-class education with a strong focus on skill development and innovation.

- **QS I-GUAGE- Institute of Happiness (IOH):** PIET has been recognized as an "Institution of Happiness (IOH)" by QS I-GAUGE for the year 2024-2025. The certification is awarded on 14th November 2024 which greatly highlights the institute's efforts in creating a positive and supportive academic environment. It is based on a detailed stakeholder survey, acknowledging PIET's commitment to the well-being of students and faculty. The institute consistently works towards enhancing learning experiences and nurturing a culture of happiness and growth. This recognition reflects PIET's dedication to providing a holistic and enriching educational atmosphere. The recognition was based on an anonymous survey assessing various aspects of mental health and well-being in education. The positive feedback from faculty and students affirmed PIET's commitment to nurturing a supportive and enriching academic environment.

The certification was formally presented at the "Institution of Happiness 2024" Conclave on November 14, 2024, in Bengaluru, Karnataka, where Gurudev Sri Sri Ravishankar graced the event as the Chief Guest. The conclave focused on the role of happiness in education and institutional well-being through insightful discussions. This achievement reflected PIET's dedication to creating a nurturing space that enhances student and faculty satisfaction, motivation and overall academic success.

- **Rated PLATINUM by AICTE- CII Survey:** The objective of the AICTE-CII Survey is to assess the status of partnership between technical institutions and industry on six basic parameters such as curriculum, faculty, governance, infrastructure, placements, research and services / project & skill development. Poornima Institute of Engineering and Technology has received the prestigious Platinum rating for being strong Industry Linked Technical Institutes. PIET has established a very strong industry relations and having very efficient industry members in its advisory board. Some of the faculty members are also empanelled in various boards of Industry. The high level of innovations in research and training in association with industries is sincerely accomplished by the students and faculties, which have resulted into the strong placements of students with industries. With its strong Industry connect PIET has been proudly providing high quality Industry aligned learning to the students for more than a decade.

- **Rated 3.5 star by Institution's Innovation Council (ICC), Ministry of Education, Government of India:** The Ministry of Education, Govt. of India has established an 'Institution's Innovation cell' (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. Innovation Council, Ministry of Education, and Government of India have rated Poornima Institute of Engineering and Technology with 3.5 star for promoting quality professional & technical education to students.

The institution conducts the activities related to Innovations, IPR, and Entrepreneurship under the IIC flagships to motivate its students to generate new business ideas & nurture them further. IIC of PIET has organized more than 100 activities in last 3 years to address research & innovation, start-up, internship, IPR etc. The Council has made remarkable efforts to develop and nurture the young brains to create new initiatives based on innovation and starting start- ups. These activities have resulted in 40+ IPR Registered are highly



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appreciated by all stakeholders and resulted into new start-ups developed by our students as well as IPRs developed by our faculty & students.

- **Student Chapter (ACM, IEEE, IETE & ISTE):** The aspiring technocrats have access to a dynamic platform provided by the Student Chapter of ACM, IEEE, IETE and ISTE at Poornima Institute of Engineering and Technology. The students have taken the membership of these chapters and are enthusiastic about technological advancement creativity, teamwork and professional growth. It creates a dynamic environment in PIET where students explore their interests and develop their abilities to remain up to date with the newest developments in the constantly changing field of engineering and technology through a variety of events, workshops, and activities.
- **ISO Certificate:** Poornima Institute of Engineering and Technology has proudly achieved the prestigious ISO certification, reflecting its commitment to excellence in education, administration and quality management. This milestone highlights PIET's adherence to international standards, ensuring a structured and efficient learning environment for students and faculty. The certification reinforces the institute's dedication for continuous improvement, innovation and best practices in academic and operational processes. With this achievement, PIET further strengthens its position as a leading institution, providing high-quality education and fostering a culture of excellence.



3. Infrastructure (Labs, CoEs, Cells, Clubs, Council and other Facilities)

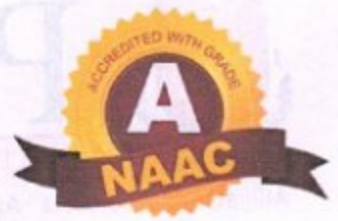
- **A Well-planned and Comprehensive Infrastructure:** PIET boasts a well-planned and comprehensive infrastructure that supports a learning environment. The campus spans over a large area, featuring modern classrooms equipped with state-of-the-art audio-visual aids to enhance teaching and learning experiences. The institute houses well-equipped laboratories for various engineering disciplines, ensuring practical exposure and hands-on experience for students. A spacious and resourceful library provides access to a vast



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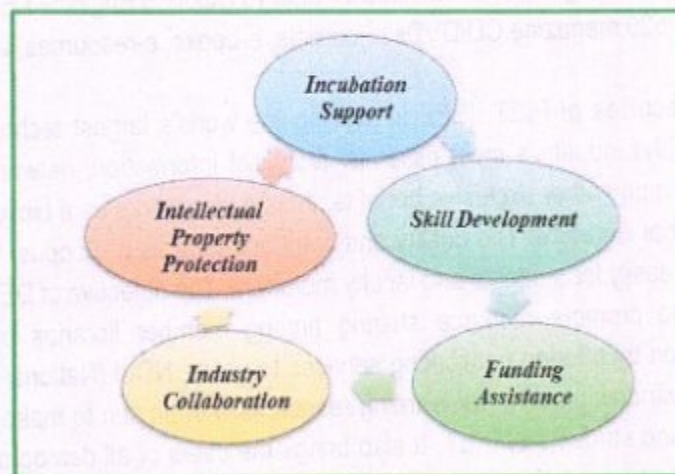
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collection of books, journals and digital resources, fostering an environment for continuous learning and research. Moreover, the campus includes facilities like seminar halls, auditoriums and conference rooms for academic events, workshops and guest lectures. Recreational and sports facilities are available to promote the overall well-being of students, with amenities such as a gymnasium, sports fields and indoor game areas.

- **Establishment of AICTE Idea Lab-** AICTE has launched a scheme for establishing AICTE- IDEA (Idea Development, Evaluation & Application) Lab in its approved institutions in the year 2020. The purpose was to encourage the students to apply the fundamentals of Science, Technologies, Engineering and Mathematics (STEM) towards enhanced hands-on experience and learning by doing. PIET is the only institute in Rajasthan to be funded by AICTE with a fund of Rs. 50.39 Lakh for establishing IDEA Lab, highly focused on skill development and nurturing innovation amongst its students. The IDEA lab aims at developing critical thinking & complex problem-solving abilities among the students of the institute. PIET AICTE IDEA Lab provides a platform for students to convert their innovative ideas into tangible products, services or start-ups. It encourages students to think creatively, develop problem-solving skills and gain practical experiences in various domains. The lab offers resources, mentorship, guidance and financial support to help students in navigating the journey from ideation to implementation. The key features and objectives of the AICTE IDEA Lab program include:

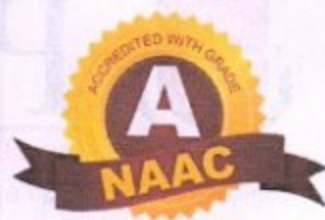


The vision of PIET for AICTE Sponsored IDEA Lab is aligned with National vision for 2035 of Atmanirbhar Bharat, make in India, Rural Skill Development that will work to achieve national Strategic Development goals for having Creative start-up ideas, approach towards product development, skill development and many more. The IDEA Lab empowers the students and faculty members to "Engage, Explore, Experience, Express and Excel" and addressing the need of new age learning. It serves as an infrastructure to promote multidisciplinary education and research. The faculties are highly encouraged to be trained in the IDEA Lab and strive for creating projects/ internships in their own subjects/ disciplines for mentoring the students in best ways. PIET in addition also generates funds from this lab by inviting nearby industries experts to use the best available tools/equipment's/machines/facilities of idea lab. Industry persons also invited to train our students by including them in product designing through IDEA Lab. Thus, the students can get best exposure of working on live projects. Hereby, this lab also enhances the placement numbers for PIET students due to possessing more skills and contacts with industry.



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- **RTU Center of Excellence in Integrated Design and Innovations in Advanced Digital Manufacturing:** PIET is distinctly running two Centers of Excellence in Digital Manufacturing AI and Robotics, which is a specialization of Computer Engineering that majorly relies on the principle of artificial intelligence and encompasses the process involved from designing the prototype to building the final resourceful output. The students in PIET are greatly fascinated by the idea of robotic mechanics and AI and they create a variety of projects through NSP and Hackathon. The great exposure related to AR & VR visual tours are also organized for helping the students in designing, testing and developing new automobiles, including cars, trucks, buses and motorcycles. They can also work on developing new technologies such as electric and hybrid engines, advanced safety systems and autonomous driving systems.

- **Well Endowed library with IEEE, J-Gate, DELNET etc. Subscription:** The library of PIET is greatly enriched with latest and updated facilities. It aims to provide a user-friendly platform to all the users to access the online resources without any hassle. To meet this purpose, the library is fully automated with TCS-iON Library Management System and KOHA open-source software for daily housekeeping operations of the library across the campuses. Presently, the PIET library has more than 29921 print books (Text Books, Reference Books, Fiction, Competitive Books, Dictionaries, Atlas, Encyclopedia, Maps, Rare books, Braille Books), 42 print journals, (17 International + 25 National with 21 Scopus Indexing and 6 UGC Care Listed), 2660 research and conference papers, 24 print magazine, 9 Print News Paper (3 Hindi+ 5 English+1 English Employment News), 1271 books CD/DVDs, 529 magazine CD/DVDs e-journals, e-books, e-resources & remote Access (DELNET, IEEE, J-gate, NDLI).

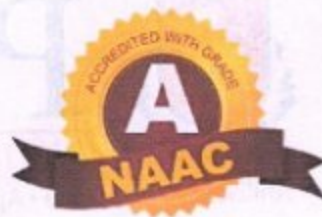
To the students and faculties of PIET, IEEE is availing the world's largest technical society, bringing their comfortable access to the industry's most essential technical Information, networking opportunities, career development tools and many other exclusive benefits. J-Gate also works as a bibliographic database in PIET to access global e-journal literature. The quality and standard journals of Scopus, Web of Science and UGC indexed are accessible easily for students and faculty members. The objective of DELNET (Developing Library Network) in PIET is to promote resource sharing among member libraries by collecting, storing and disseminating information by offering networking services to users. NDLI (National Digital Library of India) is also providing a single window platform for learning resources with an aim to make e-learning and education accessible to faculties and students of PIET. It also brings the users of all demographics, digital repositories from India and the world at one platform.

- **Quality Hostel & Accommodation facility:** PIET offers a superb boarding complex or hostels to its students. The hostels at PIET are 'home away from home' for the students and provide ample scope, opportunities and facilities for all round development of the personality and leadership qualities among the students. There is a very congenial atmosphere for the studies as well as for increasing aesthetical, cultural and intellectual values among the students in hostels. The students participate effectively in the management of hostels, food services, games and sports, cultural and literary activities, professional societies in each school under the guidance of the Faculty Coordinator. The rooms are well- ventilated, elegant, cavernous and cozy. The students stay in very comfortable rooms with required facilities. It has spacious and well-furnished rooms having all the necessities such as bed, table, chair, drinking water, and attached bathrooms. There are adequate security arrangements for protecting the students from any untoward incident. The Hostel Wardens and Managers interact with the students amicably and solve their intractable problems with astonishing ease. To keep the young technocrats abreast of the latest developments in the field of science, sports, politics, etc. the institute provides all essential facilities in the boarding complex. PIET provides separate hostel facilities for both boys and girls equipped with all the modern facilities. It has several facilities such as Wi-Fi, telephone,



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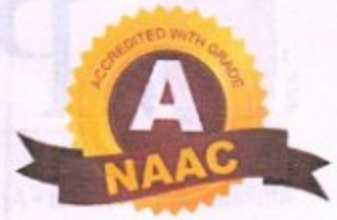
water coolers & purifiers, laundry services, gymnasium, and provisions of indoor games. The hostel mess provides students with healthy and nutritious food 4 times a day to keep them healthy and fit. It has 24 hours of electricity backup and round the clock, security to protect the students. It is equipped with a well-maintained common room installed with television for daily entertainment purposes. The hostel provides medical facilities during an emergency and organizes regular health checkups to keep track of their health. In its 06 Hostel Buildings PIET has capacity to accommodate more than 1000 students and along with it also facilitates 40+ staff quarters too.

- **Neural Network & Deep Learning Lab under MODROB Scheme:** Poomima Institute of Engineering and Technology has established Deep Learning & Neural Network lab with Grant- in- aid of Rs. 12.84 lacs under AICTE-MODROB Scheme which aims to modernize and remove obsolescence in the Laboratories/ Workshops/Computing facilities so as to maintain the quality of the practical components of technical education and promote experimental research and hands- on training. With the support of AICTE, PIET has developed a lab with 45 stand-alone machines having access to NVIDIA GPU- RX 8000 based rack server over the local area Network. This facility is also available to faculty, researchers and students through virtualization. This virtualization and remote access enable the faculties and students of PIET to run more than one virtual system or multiple operating systems and applications on a single server. PIET became 1st Private institution in Rajasthan to offer Programs in Emerging area with dedicated learning facility for them. Moreover, PIET also aims to foster future research in the domain of High-performance computing with a facility rendered by Cluster of GPUs with a web-based access to all users.
- **Establishment of Industry oriented labs:** The Engineering knowledge is not complete without practical knowledge and exposure to the industry needs that goes beyond mere theoretical knowledge from books. Poomima Institute of Engineering and Technology has strengthened its industry-connect, that helps the faculty members and students of PIET to increase their knowledge in technical skills at par with current trends. The latest technologies are part of teaching learning process at PIET and it goes beyond curriculum too. The institute features specialized labs such as the Business Intelligence Lab, Networking Lab, Cloud Computing Lab, Deep Learning Lab and Java Technology Lab for helping students to develop technical and analytical skills. Facilities like the Advanced Computing Lab, Machine Learning Lab, Augmented and Virtual Reality Lab and Database Management System Lab support innovation in software and system development. The various labs for Engineering Physics, Chemistry, Environmental Engineering, Electrical Engineering and Language Lab build a strong foundation in fundamental sciences. Along with these, Simulation, Testing, and 3D Printing Labs also encourage research and development in modern technology. The labs for Material Testing, Digital Design, Robotics and Data Analytics promote interdisciplinary learning. Additionally, the institute has dedicated workshops, a CAD Lab and a Language Lab, enhancing skill development and technical expertise. These well-equipped labs meet industry standards, allowing students to gain real-world experience and improve their career prospects. The following list refers to the names, room no. and block of all the labs in PIET:
- **PBIC- The Entrepreneurship & Innovation Cell:** The Poomima Business Incubation Centre (PBIC) is a wonderful venture of Poomima Institute of Engineering & Technology (PIET) that nurses, nurtures and fosters incubation of startups. It is an incubation center for startups that aims to cultivate and promote entrepreneurship among the talented youth, students and experienced alike, since its inception in 2017. In PIET, anyone with an idea and unflinching determination to give it a shape is an ideal candidate to associate with PBIC. Poomima Business Incubation Centre (PBIC) is a set up to promote innovation and entrepreneurship by converting and translating technological ideas and innovation in various disciplines of science and engineering into products, processes and services for commercial exploitation and for the benefits



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of society. PIET has been supporting the new budding Entrepreneurs since 2014 through a club, which is known as E- cell and which is now working in coordination with PBIC. Till now 48 startups have been nurtured by PBIC at PIET out of them 18 start-ups are registered with Government of India and 01 of them funded by MEITY, Government of India with Grant in Aid Rs. 7.5 Lakh.

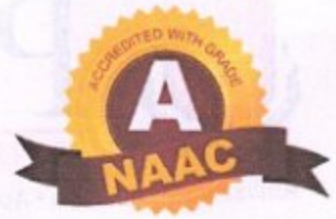
- **Presence of Students' Council & Conduction of students'-oriented activities through Clubs & Council:**

The purpose of the student council of PIET is to give all the students an equal opportunity to develop leadership by organizing and carrying out institutional activities related to academic, cultural, literary and sports. The student council and clubs also aim to develop the best in a student during the college life and to make a confident, matured and a vivid personality with the best abilities. The Student Council of PIET provides an opportunity for students to engage in a structured partnership with teachers, students' different clubs and management in the operation of different events and activities planned during the academic year. There are 25 clubs in PIET which are completely driven by the Student's Council in a very systematic and hierarchical way with least intervention of Management. These clubs as mentioned Aptineus Club, Debug Club (Coding Club), Inventive club (Idea Lab), Udaan Vikramajit Aero- modeling Club, Gaming & Development Club, The Helping Hands Group, Literary Club, Poomima Business Incubation Centre, Joshiley Drama Club, Sports Club, Origin Club, Desi Kalakar Club, Perfect Pixels, Women in Science and Engineering and SPIC MACAY Club and are highly associated with the different aspects of academic and co-curricular activities.

- **Regular Alumni Association with (PIAS):** PIET has a registered Poomima Alumni Association established in November 2020 for promoting alumni relationships and welfare of the Poomima Group of Colleges, registered under the Rajasthan Societies Registration Act, 1958. The Alumni meetings are regularly held for engaging alumni in various aspects, providing constructive feedback and mentoring current batches with valuable experiences and knowledge.



The primary objective of PIAS is to maintain a continuous, meaningful relationship with former students while also contributing to the overall welfare and development of the Poomima Group of Colleges. PIAS serves as a dynamic platform where alumni can stay connected with their alma mater, contribute to its growth, and share their achievements with the current community. As part of the institutional development strategy, regular alumni meetings have been organized under PIAS. These gatherings are not merely ceremonial, but strategically planned events that serve multiple purposes.



- **Annual Fest- Aarohan:** The annual fest of PIET Aarohan is a great charm for all the students and faculty members of Poomima Institute of Engineering and Technology. Recently in February, 2025 was conducted by the student council in a wonderful way by organizing all the cultural, technical and sports events in a very enthusiastic manner. The much-anticipated annual fest of Poomima Institute of Engineering and Technology, AAROHAN 2025, concluded on a high note, leaving behind unforgettable memories. Over the course of four exhilarating days, the festival brought together a vibrant mix of cultural, technical, and sports events, along with engaging club activities. Participants showcased their talents in thrilling competitions, mesmerizing performances, and interactive workshops, while others enjoyed the lively atmosphere and fun-filled hangouts. With a well-structured itinerary, attendees made the most of every moment, ensuring they didn't miss a single highlight. As the curtains closed on AAROHAN 2025, it left everyone with cherished experiences and the anticipation of an even grander celebration next year.

4. Effective Teaching and Learning Environment

- **Distinctly focused on Beyond Curriculum and Skill based Learning:** In recent times, it has been considered essential for laying more emphasis on skill-based learning rather than on classroom education in our educational ecosystem. Though both are important, skills are rapidly taking center-stage across the world as the world's economy expands rapidly both in volume and newer technologies. Poomima Institute of Engineering and Technology has specifically extended the teaching of students beyond curriculum in such a way that it not only boosts the technical skill but also interpersonal skills and ethical growth of the students. For implementation of the same IDEA lab of PIET becomes one of the greatest sources to help students learning by doing, also beyond curriculum PIET focuses on Non-Syllabus Projects every semester, that helps the students to practice in practical, the concepts taught in classrooms.

The National Service Scheme (NSS) at PIET greatly promotes learning beyond the classroom by involving students in various community service and social outreach programs. Activities such as blood donation camps, plantation drives, self-defense workshops and awareness sessions on mental health, environmental conservation and gender equality provide students with hands-on experiences that foster responsibility and empathy. Through visits to orphanages and old age homes, the Shared Birthday Project, and blanket donation drives, students gain a deeper understanding of social issues and the importance of giving back to society. Initiatives like Swachhta Pakhwada, Jal Shakti Abhiyan, and Waste Management campaigns encourage practical engagement in environmental conservation. Leadership talks, expert sessions and interactive programs help students apply their knowledge in real-world situations, making education more meaningful and holistic. These activities ensure that learning is not just theoretical but also contributes to personal growth and social development.

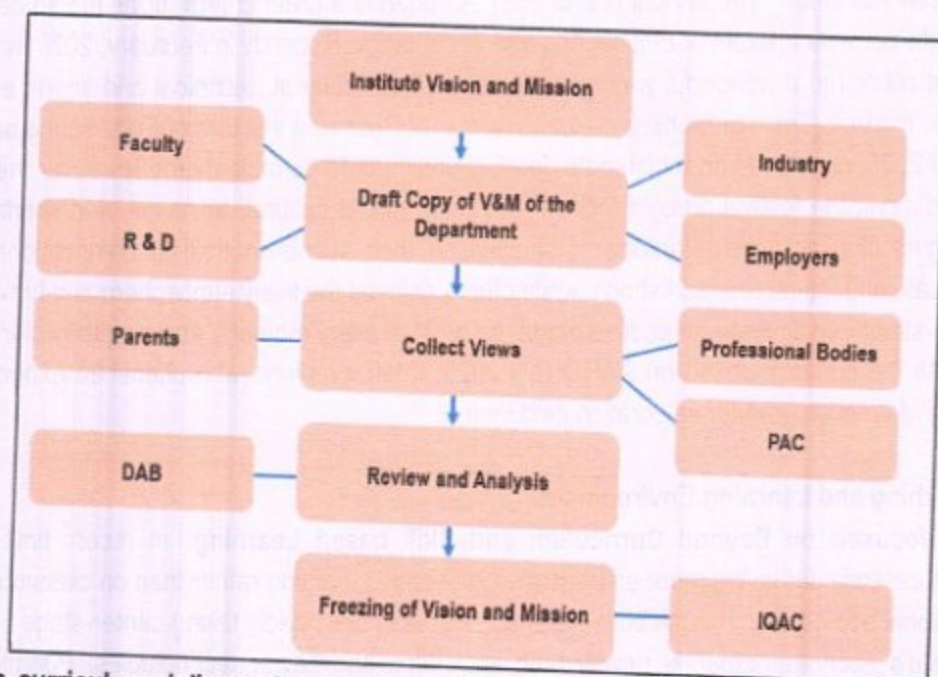
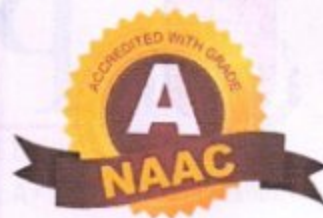
- **Outcome Based Education (OBE):** PIET has laid great emphasis on student learning and its outcomes as placements, projects and internships. PIET has laid down processes and policies for implementing the Outcome Based Education for the students so that that quality checks and continuous improvement can be ensured. The Outcome Based Education (OBE) is highly focused by implementing innovative teaching pedagogy with incorporation of strong ICT support system based on Blooms Taxonomy. The Outcome-based Education (OBE) emphasizes on many components in terms of students' achievement in a program. The most important components are the Program Outcomes (POs), Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs). All the students are made aware about CO's and are part of faculty course files too and is integrated in academic process of the Institute. The following framework is depicting the process of OBE in PIET:



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- **Effective curriculum delivery through Innovative teaching- learning methods based on ICT enabled smart classrooms:** PIET is highly focused on providing the accurate and updated technical education to the prospective engineers with contemporary advancements in Information and Communication Technology. So, to implement the basic idea of educating the students with maximum benefits, audio-visual teaching aids are regularly used by the faculty members to enhance the teaching and learning process. These ICT enabled classrooms include computers, projectors, speakers, touch pad-pen, learning software and mobile applications. ICT used in the classroom is important for giving students opportunities for effective learning. PIET follows the curriculum approved by affiliating University Rajasthan Technical University (RTU). In Poornima Institute of Engineering and Technology, to meet out the targeted objectives of all the courses, the experienced and highly qualified faculties adopt the best innovative ICT based teaching methods in classroom teaching. The Institute has given more emphasis on ICT tools to offer the best teaching-learning practices to the students and faculties with innovative methodologies such as the MS Team, Power point presentations prepared by faculties and students, Google meet app and forms for conducting online exams, viva-voce and presentation.
- **Rigorous and transparent Continuous Internal Examination (CIE) & ERP Utilization system for all Academic & Administrative Processes:** The continuous internal assessment system of PIET is quite rigorous and it enables the students to demonstrate the application of skills and knowledge and facilitates learning environment to pursue their personal interests. The rigorous and transparent continuous internal examination system includes the Mid Term 1 & 2 examinations, Assignments, Projects, oral Presentations and Quizzes. Non syllabus Projects, Internship and MOOC' are also integral part of Assessment model at PIET. Academic activities like research paper publications, participation in conferences, project exhibitions, seminars, and filing the patents, yield students quite good weightage in their Co-curricular grades. Therefore, this diligent evaluation system enhances the students' abilities and skills such as creative and critical thinking, working in a team, communication skill, leadership abilities, etc. It also increases the sense of feeling inclusive among the students and provides the early indicator of their performance. To strengthen the output of CIE system and monitoring all the activities done by faculty members and student, PIET has adopted



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a very strong Enterprise Resource Planning (ERP) TCSion system, which is a strategic unit of Tata Consultancy Services Pvt. Ltd.

TCS ion provides technology by means of a unique IT as a service model. This ERP software helps the Institution to manage the daily tasks, internal and external resources, control processes like fee payment, library, transport, student enrollments and management, courses and curriculum, exams and results, teacher and other employee management, lectures, and more. The participant's attendance is based on set threshold value of attendance marking in the classroom. The students also get the clear picture for their daily attendance and class schedules.

- **Students and Faculty Felicitation & Reward system-** PIET has a very appreciating and strong system for felicitating and rewarding the students and faculties to strengthen their research and academic growth. This is one of the best practices of PIET through which the students and faculties keep themselves highly motivated and updated for constant hard work in their publications and other academic works. This also helps in smooth running of the institutional functioning and to improve the academic performance standards. The management of PIET has pleasantly announced many schemes and awards for the students and faculties such as Academic Performance, Technical Publication Incentives, Consultancy & Research Incentives scheme of Poornima (CRISP), Promotional Scheme for Patents & Copyrights etc. for the faculties and staff members. The prestigious award ceremony named as Kalanidhi are proudly given to the students of PIET under different categories such as- Late. Shri. Arun Chandra Singhi Memorial Award as Best Boy & Best Girl, Gold Medals, Silver Medals, Late. Smt. Basant Knawar Seth Memorial Award and many more. These awards are symbol of admiration to the winners who performed splendidly in their academics, experiential learning, extracurricular and co-curricular activities. These appreciations are given in the form of Cash Rewards, Certificates and Gadgets.

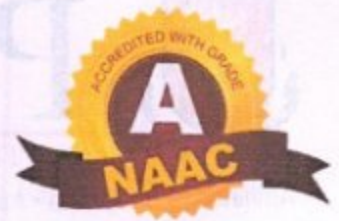
5. Innovative Research & Development

- **Innovative Research & Development with an Ethical Approach:** The faculty members of Poornima Institute of Engineering and Technology are highly self-motivated to publish the quality and innovative research papers in Scopus, Web of Science and standard books and journals approved by UGC. PIET has achieved more than 270 SCI/Scopus Indexed Publications and has published/granted more than 104 Patents & Copyrights in the last 05 Years. Not only the faculties but also the students are involved and encouraged to develop their research aptitude by assisting them with faculties to publish their useful research papers. The regular conduction and celebration of National & International Conference/ Workshop/Seminar/National festivals/special days are organized to nurture the cognitive, affective and psychometric skills among the students and faculties. It is a matter of great pride that the PIET has received the research grant for more than Rs. 02 crore since 2019 from the agencies like TEQIP III, AICTE, ATAL, NITTTR, ISTE and many Industries. To comprehend with ethics, the institute ensures high-quality scientific publications, public trust in scientific findings and credit receiving by the people for their work and ideas. All the academic documents of PIET faculties' & students like research papers, project reports and seminar reports ensured to be of high quality. The work is always divided in two parts, first one is the original contribution of the author i.e. the core Work, which is based on the original ideas and it is covered by Zero Tolerance Policy on Plagiarism, which is duly supported with subscription of Turnitin for all projects, seminar and papers.
- **Research Grants Received from Government and Non-Government Agencies:** Poornima Institute of Engineering and Technology (PIET) has successfully secured grants from various government and non-government agencies, reinforcing its commitment to research, innovation and academic excellence. These



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grants support faculty and students in undertaking cutting-edge research, developing innovative projects and enhancing the institute's infrastructure. Funding from government bodies such as DST and UGC, along with contributions from private organizations, has enabled PIET to drive impactful initiatives in science, technology and engineering. Such financial support not only strengthens the research ecosystem but also fosters industry-academia collaboration, empowering students and faculty to contribute meaningfully to societal and technological advancements.

6. Industry Exposure & Placements with highest packages

- **Industry-Institute Interaction Cell (III Cell):** The Industry-Institute Interaction (III) Cell at Poomima Institute of Engineering and Technology (PIET) aims to bridge the gap between academia and industry by enhancing practical exposure for students and faculty. The III Cell organizes industrial visits, expert lectures, hands-on training sessions and workshops to align the curriculum with industry requirements. It facilitates internships, live projects and collaborations with leading companies to ensure skill-based learning and better employability. Faculty members are encouraged to participate in industry immersion programs and consultancy projects, promoting research and innovation. The cell also supports entrepreneurship development through incubation centers and startup initiatives. By continuously engaging with industry stakeholders, gathering feedback and updating strategies, the III Cell at PIET ensures that students are well-prepared to meet industry challenges and succeed in their careers.
- **Robust Industry exposure to all students:** Poomima Institute of Engineering and Technology has given particular emphasis on giving good exposure to all the students with respective industries, and this involves 04-fold effort, where in PIET conducts regular Industrial visits in all top MNC's to allow students get the good feel of working environment of Industries. PIET also facilitates mandatory internship of at least 100 days in whole academic tenure of each student, so that they can get good peer learning exposure with working professionals and also evolve themselves as per latest industrial trends. PIET also conducts many workshops and seminars with help of Industry experts on latest technologies and trends. Faculty members and students of PIET work with industry experts on various consultancy projects and have successfully completed the same till date. In addition, to boost the student's skills every week PIET conducts sessions by Industry experts under its one of most precision program I3 day, wherein Industry experts train students on soft skills and domain skills of their choice as Value Added Courses.
- **Industry Institute Interaction (I3) Day:** I3 day in PIET is a source of great learning experience for students by the industry experts. The whole teaching methodology is focused on quantifiable outcome-based learning that can be measured and analyzed using many parameters. The objective of Industry- Institute Interaction is to bridge the gap between academic institutions and the industry by aligning educational programs with current industry needs, enhancing students' practical skills and improving their employability. This collaboration facilitates curriculum development, provides real-world experience through internships and projects, and develops research and innovation. It also offers career opportunities and professional development for students and faculty, and promotes a mutual exchange of knowledge and best practices. Overall, it aims to create a more relevant and effective educational environment that benefits both students and industries.
- **Entrepreneurial Activities- Industry Academia Collaborations:** Poomima Institute of Engineering and Technology actively promotes entrepreneurship through collaborations with industries and academic institutions. The institute has signed MoUs with several organizations, including Red Hat India Pvt. Ltd., Celebal Technologies Pvt. Ltd., RapidOps Solutions Pvt. Ltd., HELIOS Web Services, SYNORIQ, and GIP



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Technologies Pvt. Ltd., to provide students with industry exposure and skill development opportunities. The remarkable partnerships with GRASS Solutions Pvt. Ltd., Upflairs Pvt. Ltd., Kistechno Software Pvt. Ltd., Navriti Technologies, Ybiance, GG Esports Ventures, KARYTECH, Sincgrid LLP, and Autocratic Solutions Pvt. Ltd. help in bridging the gap between academics and real-world applications. The institute also collaborates with organizations like Confederation of Indian Industry, Zeetro Network Pvt. Ltd., Aero Phantom, and Hack2Skills to offer mentorship and entrepreneurial support. International associations with Asia University, Taiwan, and College of Computing & Information Sciences, UTAS, Muscat, enhance global learning opportunities. Additionally, partnerships with MACHIN Automation, Quick Smart Wash, LEO 1, EdCEPT Learning, Taylor & Francis Group, TechnoS Centre of Excellence (TCoE) and Springer Nature Singapore contribute to research, innovation and professional development. These initiatives equip students with practical knowledge and develop an environment for innovation and entrepreneurship to keep the students up to date with changing industry needs. So, with the help of these industry and academia collaborations, the students and faculty members at PIET keep themselves highly motivated and updated for constant hard work in their research, publications and other academic development.

- **Regular and quality placements with highest packages-** PIET is highly committed to make its students globally competitive. All the students of PIET are well trained and groomed in such a way that they easily get the quality placements with high packages in all major MNCs like Infosys, TCS, Capgemini, IBM, Adani, etc. The Placement and Training Cell of PIET in collaboration with department coordinators focuses on enhancing students' knowledge and skills to compete the campus drive for meeting the industrial expectations in finest ways. The Cell offers various training programs including aptitude tests, psychometric tooling tests, personality development workshops, interpersonal skills session, group discussion, and technical writing. The Institute has a strong track record of placements in leading software companies and major industries. In last five years the institute has achieved at least 85% placements every year. The students of PIET have received an average package of more than 5 and lakh per annum. The major recruiters of PIET are shown below in given image.

7. Decentralization for Effective Management

A particular reflection of the decentralization and participatory management practice can surely be seen in the extensive delegation of authority to the Heads of the various Departments in PIET. The HODs are well empowered and efficiently follow the rules of administration in following ways:

- By proper planning, implementing and executing the teaching plans of the respective department's faculties.
- Effective convening of the departmental meetings, making necessary adjustments in the class conduction routine, allotting teaching assignments, evaluation duties.
- Introducing creative and innovative measures for the benefit of students.
- Diligently involving the team in leading the planning and conduction of seminars, workshops, career counselling sessions, remedial measures, inter- departmental or/and inter-college exercises, departmental excursions and study tours.
- Managing and conducting the departmental Parent-Teacher meetings in which the academic progress of the students is communicated to their guardians.
- Consulting the faculties for the paper-setting, moderation, evaluation, and marks submission of all internal examinations of the department, and determining the admission and promotion criteria of the students.
- Deciding on the nature, pattern and duration of special and remedial classes for the students of the department.
- Frequent organizing of alumni chapters of the department within the larger framework of the Alumni



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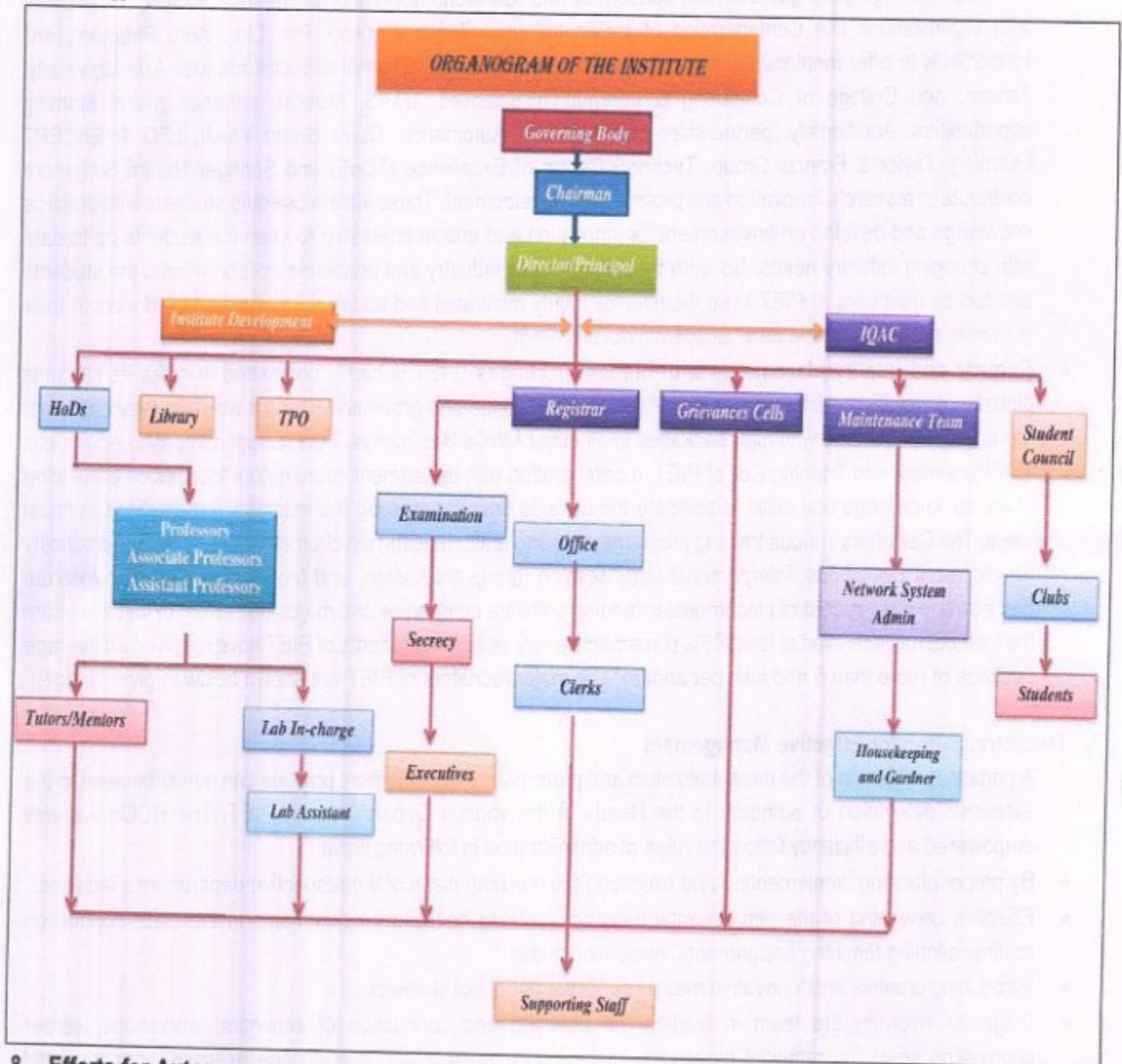
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Association of the Institute.

The following organogram is depicting the well decentralized management of Poornima Institute of Engineering and Technology:



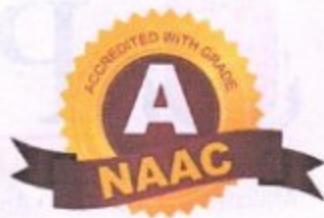
8. Efforts for Autonomy

- **Training of faculty members under the Malviya Mission Teachers Training Programme:** Poornima Institute of Engineering and Technology has taken significant strides toward enhancing the pedagogical and professional competencies of its faculty by actively participating in the Malviya Mission Teachers Training Programme. To date, at least 75% of the faculty members have been trained under this esteemed initiative, which focuses on innovative teaching methodologies, research-oriented approaches and value-based education. This training has equipped the faculty with advanced skills in student engagement, curriculum design and the integration of technology in teaching. By implementing this program, the institute has ensured



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that its educators are well-prepared to address the evolving demands of higher education, developing an environment of continuous learning and academic excellence. This commitment has demonstrated the institute's proactive approach in empowering its faculty to deliver impactful and holistic education to its students.

- **Participation in the latest NIRF ranking:** PIET has actively participated in the latest National Institutional Ranking Framework (NIRF) rankings, demonstrating its commitment to transparency and continuous improvement in higher education. The institute has meticulously prepared and submitted detailed data reflecting its performance across various parameters, including teaching-learning resources, research and professional practices, graduation outcomes, outreach, and inclusivity. This participation has provided an opportunity for the institute to benchmark its academic and infrastructural standards against national metrics. By engaging in the NIRF ranking process, the institute has gained valuable insights into areas of strength and improvement, reinforcing its dedication to achieving excellence and enhancing its visibility on the national academic map.
- **Undertaking Transformative Strategies and Actions in Higher Education (UTSAH) portal regularly:** Poornima Institute of Engineering and Technology (PIET) is actively aligning its academic and administrative initiatives with the thrust areas highlighted under the UTSAH (Undertaking Transformative Strategies and Actions in Higher Education) framework, as envisioned by the UGC. The image shown below is depicting the thrust area for transformative strategies-



These thrust areas include multidisciplinary and holistic education, digital empowerment, skill development, research innovation, equitable education and the promotion of Indian languages and knowledge systems. PIET focuses on developing quality education through governance and autonomy, capacity building for teachers, and ensuring adherence to quality standards for rankings and accreditation. By integrating these transformative strategies, the institute aims to prepare its students for global challenges, develop inclusivity and contribute to the advancement of Indian higher education.



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- Updating the AISHE portal regularly: Pooornima Institute of Engineering and Technology PIET continues to be committed to upholding accountability and transparency in reporting on Higher Education. The institute updates its statistics on the All-India Survey on Higher Education (AISHE) portal up to date as part of this commitment. This procedure entails the painstaking gathering and validation of data in a number of areas, including as student enrolment, faculty information, infrastructure, research output and budgetary outlays. The following certificate is received by PIET by All India Survey on Higher Education (AISHE) 2022-23.



As PIET is committed to accuracy and dependability, it makes sure that all updates follow the rules set forth by the Ministry of Education. In addition to adding to national education statistics, these updates aid in evaluating and enhancing the institute's performance and bringing it into line with the more general objectives of excellence and quality in higher education.



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- **Nomination of NEP SAARTHIS:** The introduction of the NEP SAARTHI program at Poornima Institute of Engineering and Technology is a great transaction. It helps the institute to match the goals of the National Education Policy (NEP) - 2020. This program encourages taking on leadership roles and get more involved by selecting and supporting students as NEP SAARTHIS. It also helps in making positive changes in both the academic and social cadre at the college.

These student coordinators help in promoting NEP's goals by pushing for new ideas and supporting overall development within the institute. The program boosts student involvement and shows the institute's commitment to achieving NEP 2020's aims, like encouraging learning across different subjects, building skills and creating an inclusive, collaborative environment. One faculty coordinator and three students are nominated on NEP SAARTHI portal.

- **Implemented the UGC guidelines to provide equitable opportunity for the socio-Economically disadvantaged groups (SEDGs):** PIET is committed to develop an inclusive academic environment by adhering to the University Grants Commission (UGC) guidelines for supporting Socio-Economically Disadvantaged Groups (SEDGs). As part of its autonomous framework, the institute has already implemented various initiatives to ensure equal access to education and comprehensive development for students from marginalized backgrounds. PIET provides scholarships, tuition fee reductions and financial assistance based on both merit and economic need to support students facing financial constraints. Academic support programs such as remedial classes and bridge courses help SEDG students overcome learning challenges and improve their academic performance. Additionally, the institute ensures accessibility through a barrier-free infrastructure, digital learning resources and assistive technology for students with disabilities. PIET also organizes awareness campaigns, counselling services and skill development workshops to empower students. Industry collaborations enable students to participate in internships and career development programs, enhancing their employability. The institute has also established a structured grievance redressal system and student welfare committees to address concerns and promote an inclusive, discrimination-free learning environment. PIET has adopted a village named, Saligrampura, Tehsil - Sanganer, District - Jaipur, State - Rajasthan in 2019-20 under Village Adoption Scheme. The scheme aims to familiarize people with socio-economic dimensions, sustainable resource use, and changing perceptions in rural communities, promoting self-help strategies and community cohesiveness.

PIET is dedicated for creating an equitable academic ecosystem where students from diverse socio-economic backgrounds receive the necessary support to achieve academic and professional success by implementing these measures in alignment with UGC guidelines.

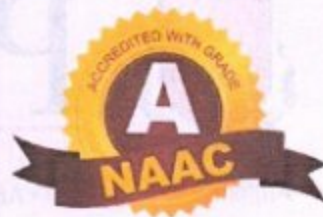
- **Providing financial support to economically backward/meritorious:** PIET is committed for ensuring that financial constraints do not hinder deserving students from accessing quality education. The institute has implemented various financial aid initiatives to support both economically weaker section and meritorious students. PIET constantly provides scholarships, fee waivers, and financial assistance through institutional funds and contributions from the parent trust. To recognize academic excellence and encourage talented students, merit-based scholarships is awarded to those who demonstrate outstanding performance. Moreover, need-based financial aid is extended to students from economically weaker sections, ensuring they could continue their education without financial stress. The institute also offered free ships and partial fee waivers to students facing exceptional financial hardships.

The institute regularly reviews and updates its financial assistance programs to maximize outreach and impact. Moving forward, PIET aims to expand its scholarship programs and explore new funding avenues to further support students in need, reinforcing its commitment to inclusive and accessible education.



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- **Grievance Redressal through E-SAMADHAAN:** PIET prioritizes a fair and transparent grievance redressal mechanism. As per UGC guidelines, the institute actively addresses concerns if raised on the E-SAMADHAAN portal. A dedicated Grievance Redressal Cell is constituted to monitor the portal and ensuring timely resolution of issues.

PIET has implemented a robust multi-tier grievance redressal system. Grievances are initially addressed through internal platforms like the PIET website's grievance portal and the TCS-iON ERP system. If unresolved, complaints can be escalated to the UGC E-Samadhan Portal, which ensures higher-level oversight and impartial resolution. PIET actively engages with this external mechanism, emphasizing fairness, transparency and timely redressal while empowering stakeholders and continuously improving its internal processes based on feedback and resolutions provided by the UGC.

Thus, the institute follows a structured process to review, respond and resolve grievances for ensuring accountability and fairness. The grievance committee is committed to ensure regular updates and prompt actions on the portal to reflect PIET's commitment to student welfare and good governance and developing a positive academic environment.

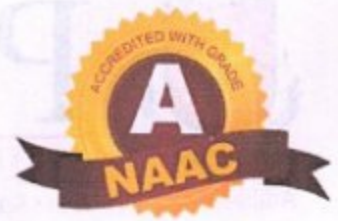
- **Regular feedback on the UGC UNIVERSITY ACTIVITY MONITORING PORTAL (UAMP):** The UGC University Activity Monitoring Portal (UAMP) portal is working for tracking and reporting both academic and administrative activities at institutions aiming for Autonomous status. At Pooornima Institute of Engineering and Technology, it is important to consistently offer valuable feedback on the portal's effectiveness.

PIET regularly utilizes the UAMP portal to document and provide feedback on its diverse academic, cultural and extracurricular initiatives. These include activities related to Indian Knowledge Systems (IKS), such as workshops on Vedic sciences and seminars on ancient texts, promoting India's rich intellectual heritage in line with UGC guidelines. PIET also emphasizes human values through lectures, ethical debates, and social responsibility programs aimed at fostering integrity and empathy among students. Interdisciplinary learning is encouraged via collaborative research projects, workshops on emerging technologies and Hackathons. Additionally, the institute motivates students and faculty to participate in government-organized quizzes to enhance national awareness and competitive spirit. All these activities are systematically reported on the UAMP portal, ensuring transparency, accountability and alignment with national educational objectives while highlighting PIET's commitment to holistic student development.

The regular updating of the UAMP with accurate information about faculty performance, student outcomes and institutional progress promotes transparency and accountability. By engaging with the portal, we can spot areas that may need improvement, resolve any technical issues, and increase the system's overall efficiency. This approach supports PIET in its pursuit continued academic excellence and innovation.

2.8 Institute Perspective Plan

As per the vision of the Governing body, Pooornima Institute of Engineering and Technology envisages to achieve goals for becoming a premier institute in technical education in upcoming years and it wishes to evolve in the academic, research & development, administration and infrastructure development and many more plans related to various aspects of the institute. The strategic perspective planning outlines a very comprehensive plan for the institution to become a globally recognized institute. This includes the strategies related to sustainable and effective initiatives for efficient teaching, effective leadership, governance, and participation, a constantly improving through internal quality assurance system, students' development through participation, focused research and development activities, employee advancement, training, progression, and placement. PIET has also plans for more strengthening of research, financial management, faculty welfare and staff capabilities. It also aims to improve national and international visibility,



strengthen collaborations between government and industry sectors, foster transformative innovation, and broaden funding bases. The strategy also includes a strong alumni network, community outreach, sustainable development, and quality audits on environmental, energy, and green aspects.

Perspective Plan- Strategies Related to Sustainable and Effective Initiatives: The following strategies of perspective plan are mentioned below determined for the sustainable and effective initiatives in the upcoming years for constantly working with the vision and mission of the institute:

Strategy 01: Efficient Teaching Erudition procedure: The institution prioritizes academic planning by creating an Academic Calendar and teaching plans based on Outcome-Based Education (OBE) principles. The faculty members highly consider and prepare the lecture plans based on Course Outcomes and Program Outcomes. The regular assessments measure outcomes, and faculty use practical teaching methods and e-learning resources. The institution aims for an ethical research culture and facilities which are promoted in current scenario by providing individual mentoring to the students. A transparent feedback system improves the performance of students and faculty members. The workshops and seminars enhance the required skills among them. In PIET, the best practices are implemented, and evaluation parameters and bench-marking ensure quality education.

Proposed Plan of Action:

- Enhancing of Academic Calendar by adding more industry-aligned hands-on learning experiences.
- Create a process for regularly assessing and aligning Course Outcomes and Program Outcomes.
- Expand e-learning resources with diverse content formats for different learning preferences.
- Set up specialized laboratories for emerging fields to enhance education.
- Upgrade facilities with state-of-the-art equipment for practical exposure to latest tools and technologies.

Strategy 02: Effective Leadership, Governance and Participative management: The institution prioritizes academic planning and meticulous preparation of an Academic Calendar to align activities with educational objectives. It follows a strict reporting structure for clear communication and efficient decision-making. To promote decentralization, the institution delegates authority to appropriate departments. Regular faculty meetings and portfolio assignments help enhance students' skills. The Principal communicates minutes of these meetings to Management, who consolidates suggestions for future reference.

Proposed Plan of Action:

- Promote decentralized decision-making for increased efficiency and innovation.
- Improve faculty meetings by fostering interdisciplinary collaborations and discussing teaching methodologies.
- Enhance communication efficiency with a digital platform for meeting outcomes and dissemination.
- Introduce industry-aligned programs to cater to student interests.
- Analyze exam results for targeted improvement strategies.
- Optimize resource allocation through data-driven budget distribution.
- Expand faculty career advancement initiatives for continuous professional growth.
- Strengthen industry partnerships through research projects and internships.
- Regularly review and update codes of conduct and policies for relevance and effectiveness.

Strategy 03: Stringent Internal Quality Assurance System: IQAC has successfully established a Quality Management System (QMS) to ensure high standards in academic and administrative activities. All departments, both teaching and non-teaching, adhere to these processes. Feedback from students, parents, alumni, and industry representatives is collected to gauge customer satisfaction. Regular internal audits assess QMS effectiveness, and continuous monitoring and measurement are implemented to identify areas for corrective action. Measures are in place



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to control non-conformity and prevent deviations. External audits validate adherence to quality standards, and a robust Quality Policy guides the commitment to excellence.

Proposed Plan of Action:

- Improve IQAC impact through quality improvement initiatives.
- Engage stakeholders for comprehensive feedback and improvement.
- Convert feedback into actionable steps for continuous enhancement.
- Increase significance of internal audits for greater effectiveness.
- Utilize external audits for benchmarking and industry alignment.
- Update Quality Policy to reflect changing educational landscape.
- Provide regular training for faculty to stay updated.
- Incorporate technology for streamlined operations and better learning.
- Create personalized initiatives for individual student guidance and support.
- Foster inclusive learning environment for diversity and equal opportunities.
- Involve alumni in mentoring and networking for educational enrichment and professional growth.

Strategy 04: Student's Overall Development through Participation: PIET ensures students' voices and concerns are heard and accurately represented by the student representatives through Students' Council. The council representatives are responsible for budget framing, allotment for student development programs, and coordination of training and placement activities. The student council also ensures the student representation in committees and cells, organizes competitions, provides rewards, and encourages students' participation in extracurricular, social, and welfare activities for objectively addressing the overall development.

Proposed Plan of Action:

- Improve Student Council's advocacy and representation.
- Expand interdisciplinary competitions.
- Offer diverse extracurricular activities.
- Involve students in impactful social initiatives.
- Develop leadership programs for students.
- Create networking opportunities with professionals and alumni.
- Implement comprehensive mental health programs.
- Use digital tools for virtual events and discussions.
- Gather student feedback for continuous improvement.
- Foster an inclusive environment for all students.

Strategy 05: Employees Advancement & Welfare: PIET prioritizes a robust recruitment policy, focusing on attracting and selecting the best talent for team success. The institute has an effective Employees Performance Evaluation System, Regular Training programs, and a comprehensive Code of Conduct, Service Rules, and Leave Rules. The staff welfare policy is designed to cater the employee well-being. The career advancement schemes are also offered to encourage the professional growth and outstanding performance and greatly recognized through incentives and accolades. The employees are encouraged to participate in seminars, conferences, and workshops, and motivated to enhance their qualifications. The required support for research, consultancy, and innovations is also provided by the institution.

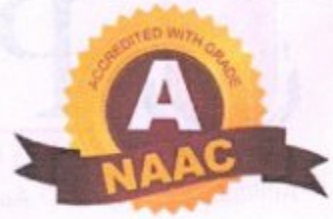
Proposed Plan of Action:

- Enhance the recruitment strategy to attract highly skilled faculty members.



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- Create a continuous teacher training program.
- Modify the code of conduct to align with ethical standards.
- Increase staff involvement in professional development opportunities.
- Encourage mentorship and collaboration among staff members.
- Introduce regular feedback mechanisms to gather insights from the staff.
- Provide support for work-life balance policies.
- Conduct regular reviews and updates of policies to ensure their effectiveness.

Strategy 06: Implementing National Educational Policy (NEP) and Participative Governance: The Government of India has announced the National Education Policy-2020 in July 2020. It covers all the levels of education – from school education to higher education, including professional and adult education. PIET is following the principles of affordability, accessibility, quality, equity, and accountability as per the NEP. In providing the technical education to students the more emphasis is laid on multidisciplinary approach, faculty and institutional autonomy, governance reforms, enhancing access through credit mobility, open and digital learning environment, and skills development prescribed by the New Education Policy. The NEP 2020 aims to promote holistic development of an individual and aims to make high quality education accessible to everyone. PIET creates a fine roadmap for providing the technical education to make the NEP's vision and spirit a reality.

Proposed Plan of Action:

- Implementation of Inclusive, Participatory, Holistic Education Approach
- Adherence to National Education Policy and All India Council for Technical Education (AICTE).
- Based on policy, field experiences, empirical research, stakeholder feedback, and the best practices.
- Focus on cognitive development and social and physical awareness of students.
- Promotion of quality Technical Education with participative governance.
- Association between Technical Education and research and developmental activities for national building.
- Instilling 'deep-rooted pride' in Indian identity and developing knowledge, skills, values, and dispositions.
- Advocating for transparent governance system with portals for approval process, vocational programs, and internships.

Strategy 07: Financial Transparency & Accountability: Poomima Institute of Engineering and Technology maintains the complete financial transparency and accountability in its financial functions. The financial budget is a critical task that requires careful planning and analysis, considering department-wise budgeting, revenue and expenditure forecasting, and effective purchasing. A dedicated committee in PIET manages the process, while a contingency fund is allocated annually for unforeseen circumstances. The budget formulation and approval are overseen by a competent committee, ensuring transparency and accountability. The periodic audits are conducted to maintain financial integrity and identify discrepancies. The financial accountability is the hallmark of our well-run institute PIET and the financial accountability results from holding an individual accountable for effectively performing a financial activity, such as a key control procedure within a financial transaction process. It highly includes about share the transparent and easily understandable financial reports. So, in true sense a well-defined financial accountability structure serves as the foundation for establishing effective financial processes in the institute.

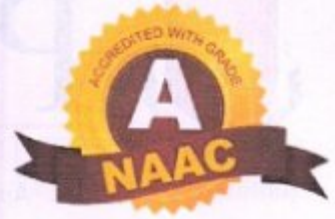
Proposed Plan of Action:

- Analyze expenditure data to identify areas for optimization.
- Promote collaboration in budget planning among personnel, faculty, and departments.
- Spread financial literacy programs among staff, faculty, and students.
- Seek partnerships and sponsorships for additional funding and resources.



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- Invest in eco-friendly technologies for long-term cost reduction.
- Implement funding strategies based on department efficiency and outcomes.
- Seek external consultants for fresh perspectives on financial practices.
- Involve students in energy conservation and recycling initiatives.
- Share transparent and easily understandable financial reports for trust and accountability.

Strategy 08: Cultivate and nurture the talents and capabilities of the faculty and staff members: Poornima institute of Engineering and Technology establishes the vision of enhancing the cognitive skills of faculty and staff members by cultivating and nurturing their talents and capabilities into the right direction of execution. For this purpose, various FDPs, Seminar, Workshops and Conferences are frequently organized in the campus in offline/ online and hybrid mode.

Proposed Plan of Action:

- Recruiting talented and diverse faculty members to enhance students' skills and employability.
- Promoting faculty development to enhance their qualifications and expertise.
- Ensuring the retention of highly qualified and experienced faculty members.
- Engage the services of competent and experienced professionals in the relevant industry/field to enhance the teaching and learning process.

Strategy 09: Enhance visibility on a national and global scale: The ultimate goal of PIET is to achieve greater recognition so as to attract resources from all over the world and push the global ranking significantly at higher levels. The vision of enhancing the visibility on a national and global scale is made possible by the pursuance of the faculty members, administration, scholars and students working together in a family ambience with sincerity and devotion for achieving the skill based prospective engineers, fully qualified to interact with industry people.

Proposed Plan of Action:

- Transforming the institute's position within the national and global higher education arena.
- Collaborate with research centres and experts from both national and international domains to collectively submit and implement research proposals initiated by faculty members.

Strategy 10: Bench-marking practices and process of the institute through accreditation's, rankings, and commitment to sustainable development goals (SDGs): The National Education Policy 2020 (NEP-2020) is based on the principles of accessibility, affordability, equity, quality, and accountability and PIET is highly dedicated to achieve the institute's process, accreditations and rankings based on these principles. PIET is greatly concerned and committed for achieving the Sustainable Development Goals (SDG) in a very promoting manner.

Proposed Plan of Action:

- The continuous objective is to enhance the country's position both domestically and internationally, with a specific emphasis on national and international rankings.
- It is crucial to integrate teaching methods in Indian languages, foster cultural comprehension, and utilize online courses to support the Indian Knowledge system.
- Distance education and online learning have gained prominence, enabling individuals to pursue education from a remote location and access a diverse array of online courses.
- The Sustainable Development Goals (SDGs) encompass the promotion of quality education, gender equality, industry and innovation, peaceful institutions, and partnerships as means to accomplish these objectives.

Strategy 11: Strengthening collaborations with Government Agencies, Industry and Academic Institutes across globe for peer learning and skill development: PIET is greatly strengthening its collaborations with government agencies, industry and other academic institutes situated globally for developing the skills of students with



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enhanced peer learning. So, the Industry-academia collaboration leverages practical expertise and academic rigor, enabling organizations to benefit from industry professionals' knowledge and universities' research-based insights. This collaboration fosters innovation, job creation, and advanced technologies, leading to innovative solutions and best practices. It also plays a crucial role in skill development, preparing future professionals for industry challenges and fostering a culture of excellence.

Proposed Plan of Action:

- Organize an Industry-Academia Meet, bringing together representatives from the Government and various industries.
- Enhance our course curriculum by incorporating industry-specific subjects, collaborating with both the institute and relevant industries.
- Collaborate with industry and/or Government organizations to create joint project proposals, seeking funding from different agencies. Involve our faculty and students in the execution of these projects.

Strategy 12: Delivering Innovation for Entrepreneurship and product development along with quality Training

Progression & Placements: PIET significantly transforms the innovation impact among the students by providing them a very efficient entrepreneurship culture. The students spend a significant portion of their lives on campus. They join the Institute to make their dreams a reality. In a world where change is the only possible by enhancing the skills, so it is a place where future entrepreneurs transform a blank canvas of ideas into vibrant and thriving businesses that create job opportunities with high packages and contribute significantly to the national and global economy. The Training & Placement Cell assumes an indispensable role in facilitating students' pursuit of their desired placements by providing counseling and guidance for a prosperous career placement. This is serving as a pivotal link between the culmination of students' academic journey and their entry into the realm of suitable employment. The committee orchestrates campus placement drives and with a formal demeanor, they ensure seamless transitions for students, equipping them with the necessary skills and knowledge needed to thrive in their chosen professional paths. By fostering an environment for career development, the committee fortifies students' prospects and propels them towards their dream placements.

Proposed Plan of Action:

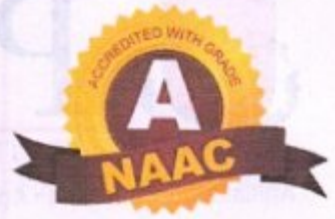
- Encourage students to develop the necessary skills and become employable individuals or aspiring entrepreneurs.
- Create a supportive atmosphere that fosters entrepreneurship and motivates students and faculty to create innovative start-ups/products/technologies.
- Foster a student community that values creativity, innovation, and entrepreneurship, promoting their personal and professional growth and achievements.
- Enhance collaborations for industrial research, advisory services, and mentorship.
- Create a range of training initiatives to address skill deficiencies and align with industry requirements.
- Foster collaborative educational endeavors with industries to promote experiential learning.
- Promote knowledge exchange between institute and industry professionals to gain reciprocal perspectives.
- Engage industry specialists in the development and enhancement of curriculum.
- Enable students to benefit from internships, training opportunities, and guest lectures.
- Recognize industry demands for supplementary courses and career guidance.

Strategy 13: Strengthening of Research & Development with variety and extensive funding: PIET is dedicated for promoting innovation and research advancements. We have established a state-of-the-art R & D facilitation centre and continuously expanding the laboratories. The funding is generated through project proposals, seeking government



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and non-government industry sponsorship. The collaborations with government and private institutes, universities, and research organizations are also sought to achieve groundbreaking advancements. PIET essentially focuses on the process of financial budgeting involves dividing budgets into multiple areas, ensuring departments are accounted for and their needs are addressed. It involves forecasting revenue and expenditure, implementing a cost-effective purchasing strategy, and allocating a contingency fund. The funds and grants are ensured with proper transparency and accountability, and periodic audits evaluate the financial performance.

Proposed Plan of Action:

- Foster and improve research programs that encourage collaboration across different disciplines and campuses.
- Strengthen faculty knowledge of funding opportunities by staying updated on sponsor funding sources and trends, and proactively sharing this information.
- Establish distinct research laboratories and centers of excellence, focusing on providing specialized training for graduates and faculty members to enhance their capabilities.
- Improve the support offered by IPRs in terms of technical, legal, and financial assistance.
- Secure research funding from both governmental and non-governmental organizations.
- Generate additional funds through endowments, incubation facilities, and contributions from alumni.

Strategy 14: Developing a Strong and Extensive Network of Alumni: The institution has established an Alumni association to boost alumni participation in the institution's growth. The association invites professionals to serve as guest lecturers, offer internships, placements, training, and entrepreneurship opportunities, and explores alumni contributions in sponsorships, scholarships, and fund generation. The association is also working on a database to facilitate interactions and recognize alumni for their achievements.

Proposed Plan of Action:

- Enhance the system for connecting former students with the educational institution.
- Foster a positive reputation and brand image for the institute within the community.
- Strengthen the curriculum and foster relationships with industries to offer a well-rounded education.
- Promote networking opportunities among alumni to aid in their professional development.

Strategy 15: Community Outreach and Sustainable Development: The community outreach on sustainability can be well defined as the HEI's initiatives to engage with the industrial communities in its surroundings in a mutually beneficial process of sustainable development. Therefore, community outreach on sustainability promotes an inclusive process of planning and development, also assisting members of the community to achieve their personal goals. These initiatives contribute to increase the legitimacy of the HEI in the community while improving quality of life.

Proposed Plan of Action:

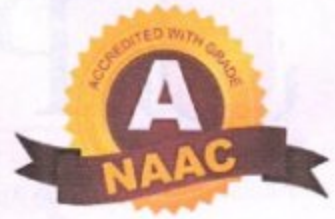
- Enhancing students' academic abilities, personal skills, and civic responsibilities.
- Bridging the gap between academia and society to enhance knowledge on nutrition and health.
- Sharing information on nutrition, health, and hygiene, and offering training to community workers and homemakers.
- Promoting and raising awareness about nutrition and health in society.
- Cultivating culinary art skills to enhance nutrient enrichment.

Strategy 16: Green & Sustainable Environment Practices: PIET is focused on Green & Sustainable environment practices for inculcating the strong values among the students for fostering the earth. The quality audit on green & sustainable environment and energy system is a regular practice in PIET. The purpose of the present green audit is to



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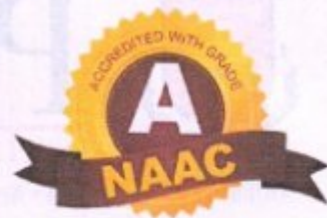


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Identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards of the institute. The students of PIET are made sustainable engineers who highly focused on minimizing waste, using renewable energy sources, reducing pollution and creating long-lasting, efficient systems that can be enjoyed by future generations. The importance of Green & Sustainable environment practices comes from the industry's aim to create a better world.

Proposed Plan of Action:

- Prepare sustainable engineers for upcoming generations
- The institute documents its green practices for record-keeping.
- Assessing the implementation of green practices to identify strengths and weaknesses.
- Conducting a survey to understand how green practices are being implemented.
- Enhancing environmental consciousness campus-wide.
- Identifying and assessing environmental risks and hazards.
- The environmental audit program collects data and addresses concerns proactively.



3. Financial Development Plan

Poornima Institute of Engineering and Technology is acknowledged as a leading Institution of Eminence. It is dedicated to fostering its overall development by maximizing the utilization of its resources. To achieve this goal, the Institute has developed a comprehensive plan aimed at securing a consistent flow of financial resources and implementing efficient management practices for its assets.

Goal: Ensure financial security by broadening the range of funding sources and enhancing the efficiency of revenue generation methods.

3.1 Objectives:

1. **Develop a Comprehensive Financial Roadmap:** To create a long-term financial strategy that ensures institutional stability, growth, and resilience against future uncertainties.
2. **Estimate and Diversify Revenue Streams:** To accurately project financial inflows from diverse sources including tuition fees, government funding, endowments and donations, research grants, revenue from auxiliary services, investment income, and earnings from activities such as continuing education programs, online and distance education, sponsored research, consultancy, and licensing.
3. **Optimize Resource Utilization for Sustainability:** To strategically leverage all available revenue streams to enhance the institution's financial sustainability and to provide greater flexibility in the deployment of resources.
4. **Establish Fund Allocation Guidelines Based on Prioritized Needs:** To define clear and adaptable guidelines for the allocation of funds toward both recurring operational expenses and capital asset acquisitions, based on a transparent system of prioritization of institutional needs.

1. Short Plan (1-2 Years)

1. **Identify Areas of Inefficiency and Streamline Expenses**
Conduct a comprehensive review of existing financial practices to pinpoint inefficiencies, reduce unnecessary expenditures, and optimize resource allocation for better fiscal management.
2. **Organize Fundraising Events**
Plan and execute events such as alumni meets, cultural festivals, and sports tournaments aimed at generating additional funds and fostering community engagement.
3. **Apply for Grants and External Funding**
Identify and pursue funding opportunities from government agencies, non-governmental organizations (NGOs), and corporate foundations to supplement institutional income and support developmental initiatives.
4. **Assess and Revise the Fee Structure**
Evaluate the current fee structure to ensure it remains competitive and sustainable, taking into account students' financial capabilities and the operational costs of running the institution.
5. **Promote Financial Literacy through Workshops**
Conduct regular workshops and training sessions for both staff and students to enhance financial literacy, encourage responsible budgeting, and foster a culture of prudent financial management within the college community.
6. **Fund mobilization:**
 - i. To enhance fund mobilization through strategic incentives, awards, and welfare measures for faculty members, staff, and students.
 - ii. (To enhance fund mobilization for infrastructure augmentation and ICT-enabled facilities.

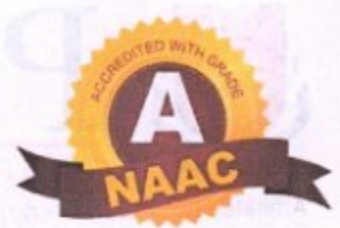
2. Medium Term Plan (3 – 5 Years)

1. **Establish Endowments:** Substitute financial stability by encouraging alumni donations, engaging retirees,



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securing corporate sponsorships, and attracting philanthropic contributions to build robust endowment funds for the college.

2. **Diversify Revenue Streams:** Expand the college's income sources through the introduction of innovative academic programs, the establishment of interdisciplinary research centers, and the strategic rental of campus facilities for events, conferences, and external programs.
3. **Invest in Infrastructure Development:** Enhance campus facilities to improve the learning environment, attract high-caliber students and faculty, and support increased enrolment, ultimately contributing to long-term revenue growth.
4. **Strengthen Industry Collaboration:** Forge partnerships with industry leaders to create meaningful internship opportunities, engage in collaborative research initiatives, and secure sponsorships that support both academic and infrastructural advancement.

3. Long Term Plan (Above 5 Years)

1. **Implement Sustainability Initiatives:** Adopt renewable energy solutions, waste reduction programs, and green building practices to minimize operating costs and reduce environmental impact.
2. **Launch a Capital Campaign:** Initiate a comprehensive fundraising campaign aimed at generating substantial capital for infrastructure upgrades, academic innovation, and other major institutional projects.
3. **Establish a Research and Development Fund:** Create a dedicated fund to support R&D efforts, encouraging faculty and students to engage in innovative projects with commercialization potential.
4. **Develop International Collaborations:** Develop partnerships with global universities and research institutions to unlock international funding opportunities, attract international students, and strengthen the institution's global profile.
5. **Continuous Financial Strategy Evaluation:** Regularly assess the effectiveness of financial strategies and revise them in response to evolving market dynamics and technological progress.

3.2 ROAD MAP FOR FINANCIAL DEVELOPMENT:

From the above the following would be the milestones regarding financial enablers.

- **Research Grants and Funding:** Aggressively pursue national and international research grants from government bodies, NGOs, and industry partners to fund interdisciplinary research and innovation.
- **Research Incubators and Startups:** Establish dedicated incubators for student and faculty-led startups, providing seed funding, mentorship, and access to a network of industry experts.
- **Intellectual Property (IP) Licensing and Commercialization:** Develop a system for patenting and licensing faculty and student innovations to generate royalty income and enhance the institution's reputation in the research ecosystem.
- **Alumni Association:** Strengthen alumni relations by creating an active alumni association that can provide financial support through donations and endowments.
- **Corporate Partnerships:** Forge long-term partnerships with global corporations for sponsored research, internships, placements, and donations. Set up an annual corporate partnership fund to support specific projects or infrastructure initiatives.
- **International Student Programs:** Offer hybrid/online programs to international students, capitalizing on PIET's NAAC A Grade accreditation for attracting students from other countries.
- **Executive Education and Professional Development:** Develop customized executive education and professional development programs for working professionals, which could become a significant revenue stream.



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- **Endowment Fund:** Establish an endowment fund to ensure long-term financial sustainability. The fund could be used for scholarships, faculty development, infrastructure, and research initiatives.
- **Global Partnerships:** Expand international collaborations with renowned universities for joint research, student exchange programs, and dual-degree programs.
- **Regular Financial Audits:** Conduct annual financial audits to assess the effectiveness of the financial strategies and ensure that funds are being utilized efficiently.
- **Seed Fund for Research:** Apply for national and international research grants from agencies such as DST, AICTE, UGC and others to fund major research projects and intensify grants from Govt. Bodies.

S. No.	Indicators	Details	Time Line	Person in charge
1	Financial Policies	Developing comprehensive financial policies based on the IDP	Annually for short term and once in five years for extended duration	Principal/Secretary/Finance Officer
		Action Plan as guided by IDP	Continuous	Principal/Finance Officer
2	Action Plan and Budgets	Budget line items as income like tuition fees, grants, research projects, endowments CSR funds, donations, etc. and expenses such as salary, utilities, maintenance, etc.	Continuous	Principal/Secretary/Finance Officer/HODs/Project Investigators
		Capital budgets	Every year	Principal/Secretary/Finance Officer
		Budget for recurring and non-recurring expenditures		Principal/Finance Officer
3	Main sources of revenue to be developed	Tuition fees and other fees, grants, donations, and collaborations	Continuous	Principal/Finance Officer
		Consultancy fees and overheads earned from projects, CSR funds, Royalties from Copyrights and Patents		Principal/Finance Officer/Treasurer/ HCIIC/ IIC convener
		Assistance from Ministries Government of India, Corporate & International agencies	Continuous	HOD's/ Project Directors
		Non-conventional income sources:	Continuous	Principal/Finance Officer
		Rent for building, hall, Campus usage		
		Stakeholder sources: Donations, Philanthropic contribution, Endowment fund & Alumni Support		
Income from Investments: Fixed Deposits, investments in mutual funds etc.				

3.3 Resource Mobilization Plan

Objectives of the Plan: -

- To encourage and enhance the flow of resources / participation coming from the society for institute development.
- To encourage faculty members to provide consultancy.
- To encourage active research, provide incentives to the faculty members, students and scholars involved in society and its development activities.



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- To provide adequate infrastructure in terms of space and equipment and support facilities for research.
- To encourage institute to collaborate with other agencies, research institutions and bodies for sharing research facilities.
- To diversify and expanders resource base in supporting the achievement of the strategic plans, goals overall growth of this institute.
- To identify and analyze the resources available for program priorities, policies, and efficient budget allocation.
- To maximize the use of internally & externally generated fund so as to enhance & strengthen deep relation with stake holders.

PIET operates student centric policies with focus on skill-based research driven quality education which should be accessible and afford able by youth of rural and urban areas. The cardinal principle of management in the Institute is to provide best resources to the students & faculty to meet the above requirement and run the Institute for realizing the vision and mission of the Institute.

Resources

The Institute acquires three types of resources i.e. Human Resources, Equipment & Material Resources and Infrastructural Resources.

1. Human Resources

- The Institute ensures the contribution of qualified manpower and research scholars to run the research mobilization.
- Appointment of Teachers
- The posts of Assistant Professors, Associate Professor and Professors are laid down by the PIET Institute norms in coherence with AICTE norms.
- Appointment of Non-Technical Staff
- The number of officers/supervisors required for non-technical are laid down by the Institute norms.

2. Equipment & Material Resources

Based on the Strategic Plan, the requirement of equipment & material resources is taken care of by respective departments in Board of Studies and consolidated at institute level by Academic Council, Board of Management & Financial Committee.

3. Infrastructural Resources

- It's a part of academics where all facilities are provided with updated technologies and equipment. The significance of R&D can be highlighted as:
- To promote research and development activities in the Institute.
- To equip the student and the faculty members with latest advancement in the technological areas.
- To provide consultancy and research in innovative areas.
- To enhance the education with research orientation fulfilling the technical needs of industries.

4. In-House Support

In house support is provided by the Institute to teachers for research purposes like:

- Seed money for research projects.
- Granting study leave for research field work.
- Undertaking appraisals of institutional functioning and documentation.
- Facilitating research by providing organizational supports.
- Organizing research circle/internal seminar/interactive session on research.

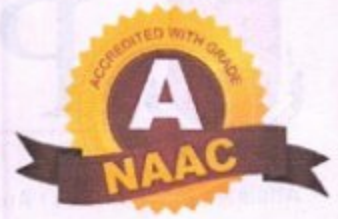
PIET has also created an eco-system for innovations and other initiatives for creation and transfer of knowledge. The efforts to create an innovative eco-system include:

- Participative efforts (brain storming, think tank, etc.) to identify possible and needed innovations.



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- Encouragement to novel ideas.
- Official approval and support for innovative entry-outs.
- Material and procedural supports.

3.4 Financial Autonomy:

S.No.	Committee	Role Of Committee	Members	Level of Authority for Financial Approval Per Reference	Name Of Authority for Financial Approval
1	Board of Governance	Policy Making	Governing Council	Unlimited Authority	Chairman – Governing Council
2	Finance Committee	Budgeting, Accounts and Finance	CFO, Director, All HODs	Rs. 25,00,000/-	CFO
3	Office of Campus Director	Campus Level Activities	Campus Director and HoDs	Rs. 2,00,000/-	Campus Director
4	Departmental Administration	Departmental Level Activities	HoD & Faculty Members	Rs. 30,000/-	HoD
5	Office of Registrar	Administrative Activities	Registrar and HoDs	Rs. 40,000/-	Registrar

B. Sheehma

Registrar
Poornima Institute of Engineering
& Technology
ISI-2, RIICO Institutional Area
Goner Road, Sitapura, JA: PUR-302022

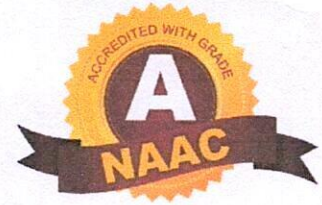
[Signature]

Principal
Poornima Institute of Engineering
& Technology
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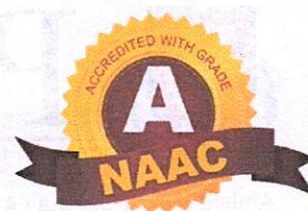
Institutional Outreach Development Plan



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Institutional Outreach Development Plan

The Institutional Outreach Development Plan of Poornima Institute of Engineering and Technology is designed to establish a comprehensive framework that strengthens academic partnerships, fosters collaborations with industry, and enhances technological infrastructure to promote teaching, research, and administrative functions. By creating effective communication pathways both within the institution and with external partners, the plan seeks to cultivate a vibrant and innovative educational atmosphere, promote international engagement, and optimize resource allocation. Additionally, it aims to support continuous professional development for faculty, increase student involvement, and align the institution with both national and international accreditation criteria, thereby contributing to the overall advancement, sustainability, and recognition of the institution. A detailed and strategically organized framework that emphasizes collaboration between Poornima Institute of Engineering and Technology (PIET), industry stakeholders, and academic professionals is essential for developing a sustainable ecosystem of innovation and advancement. When integrated with global best practices, this framework has the potential to unlock significant opportunities for collaboration across various sectors and propel innovation within the engineering and technology fields.

Objectives:

1. To promote collaboration and partnerships among the various academic departments within the institution, as well as with external organizations and educational entities, to enhance research, share resources, and encourage interdisciplinary learning.
2. To establish strong industry-academia partnerships that create better student opportunities and drive research progress.
3. To strengthen the technological infrastructure to facilitate efficient teaching, learning, and administrative functions.
4. To expand global outreach through international partnerships and collaborative research projects.
5. To support the ongoing professional development of faculty and staff, ensuring sustained academic excellence.

Road Map:

Assessment of Needs and Strategic Planning

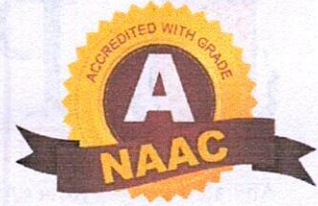
- Conduct a comprehensive evaluation of existing infrastructure, resources, and academic partnerships.
- Identify essential stakeholders, including faculty, students, industry collaborators, and alumni, along with their specific requirements.
- Establish explicit goals and objectives for the Institutional Network Development Plan.

Development of Infrastructure

- Enhance technological infrastructure, including internet connectivity, communication tools, and e-learning platforms.
- Introduce resource-sharing systems such as digital libraries and cloud-based services.
- Create a centralized network hub to facilitate collaboration and communication.

Partnerships between Industry and Academia

- Forge strategic alliances with industries, research institutions, and global organizations.
- Create collaborative research programs, internships, and faculty exchange initiatives.
- Bolster alumni networks to provide mentorship, job placements, and funding opportunities.



Development of Faculty and Staff

- Conduct workshops and training sessions for faculty to adopt new technologies and pedagogical approaches.
- Implement ongoing professional development and initiatives to enhance research skills.
- Establish a platform for faculty collaboration on interdisciplinary projects.

Engagement and Support for Students

- Enhance student support systems, including academic advising, mentorship, and career counselling.
- Offer students opportunities for involvement in collaborative projects, industry exposure, and global networking.
- Develop platforms for student-led initiatives, research endeavours, and innovation labs.

Monitoring, Evaluation, and Ongoing Improvement

- Create a feedback system to evaluate the effectiveness of the network development plan.
- Continuously monitor progress in relation to established goals and objectives.
- Make necessary adjustments based on feedback and the changing needs of the institution.

Here is a breakdown of the development plan in the short, medium, and long term:

Short-Term

1. Strengthening Industry-Academia Partnerships:

- **Industry Connect Programs:** To enhance collaborations with regional and national enterprises in order to generate a variety of opportunities for students, which may include internships, organized site visits, and engaging, hands-on projects that significantly enrich their educational experience.
- **Guest Lectures and Webinars:** Consistently engage industry professionals to present lectures on innovative technologies and current trends. This approach will provide students with valuable insights into practical applications, thereby closing the divide between theoretical understanding and real-world implementation.
- **Curriculum Enhancement:** Integrate the curriculum with industry requirements by incorporating relevant topics and courses focused on skill development, which can be accomplished through collaboration with industry stakeholders.
- **Faculty Development Programs:** Organize short-term training and certification programs for faculty to keep them updated on the latest industry trends and technologies.

2. Collaborative Research and Innovation:

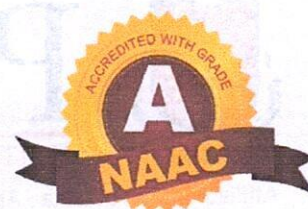
- **Research Partnerships with Industry:** Establish collaborations with industry partners to participate in joint research projects. These initiatives may focus on developing cutting-edge technologies, improving existing systems, or addressing real-world challenges faced by different sectors.

3. Innovation Labs and Start-up Incubators:

- Establish innovation laboratories and entrepreneurial ecosystems within the PBIC framework on campus to promote collaboration between students and faculty on projects pertinent to industry. Offer resources, mentorship, and networking opportunities to facilitate the development of start-ups.

4. Enhance Placement and Internship Opportunities:

- Establish collaborative relationships with top-tier companies to develop reliable internship and job placement programs for students, ensuring they have access to valuable career opportunities.



- Organize and host career fairs, where students can meet and interact with potential employers, allowing them to explore various job opportunities and network with industry professionals.

Medium-Term

1. Formalizing Research and Development Centers:

- **Industry-Sponsored Research Centers:** Establish formal R&D centers focused on specific industries (e.g., Artificial Intelligence, Robotics, Renewable Energy, etc.), which can attract industry funding and provide opportunities for collaborative research with academia.
- **Multidisciplinary Research Collaborations:** Promote and support collaborative research initiatives that involve various departments within PIET as well as partnerships with external academic institutions. This approach aims to tackle complex, real-world problems by leveraging diverse expertise and resources.

2. Collaborative Curriculum Development:

- Work alongside industry specialists to create tailored and advanced educational programs that meet the changing demands of sectors like artificial intelligence, data science, the Internet of Things, and cybersecurity.
- Introduce certification programs and mini-degree offerings in partnership with industries to help students gain industry-recognized qualifications.

3. Faculty-Industry Collaboration:

- Encourage faculty to collaborate on research and development projects with industries, resulting in joint publications, patents, and solutions that address industry-specific challenges.
- Organize faculty exchange programs where academicians can spend time in industry research labs, gaining practical knowledge and insight into ongoing trends.

4. Building Strategic International Partnerships:

- Establish partnerships with global universities and industries to promote exchange programs for students and faculty.
- Create opportunities for collaborative research and joint ventures with top global institutions.

5. Advanced Infrastructure Development:

- Invest in state-of-the-art laboratories, computing resources, and digital infrastructure to support advanced research and development activities.
- Incorporate emerging technologies such as Artificial Intelligence, Blockchain, and Cyber-Physical Systems into the labs and workshops.

Long-Term

1. Establish PIET as a National Hub for Innovation and Research:

- Develop PIET as a recognized leader in innovation, industry-academia collaboration, and research across India, with a focus on commercialization of innovations.
- Host industry-specific conferences, workshops, and innovation summits regularly to bring together thought leaders, entrepreneurs, and academics to discuss current and future industry trends.

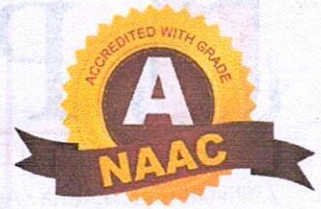
2. Sustained Industry-Academia Collaborations:

- Cultivate long-term relationships with leading global corporations, helping students secure high-end placements and creating new opportunities for continuous research collaboration.



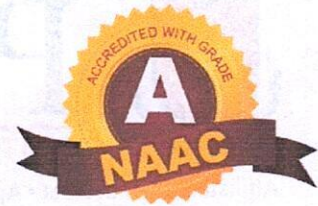
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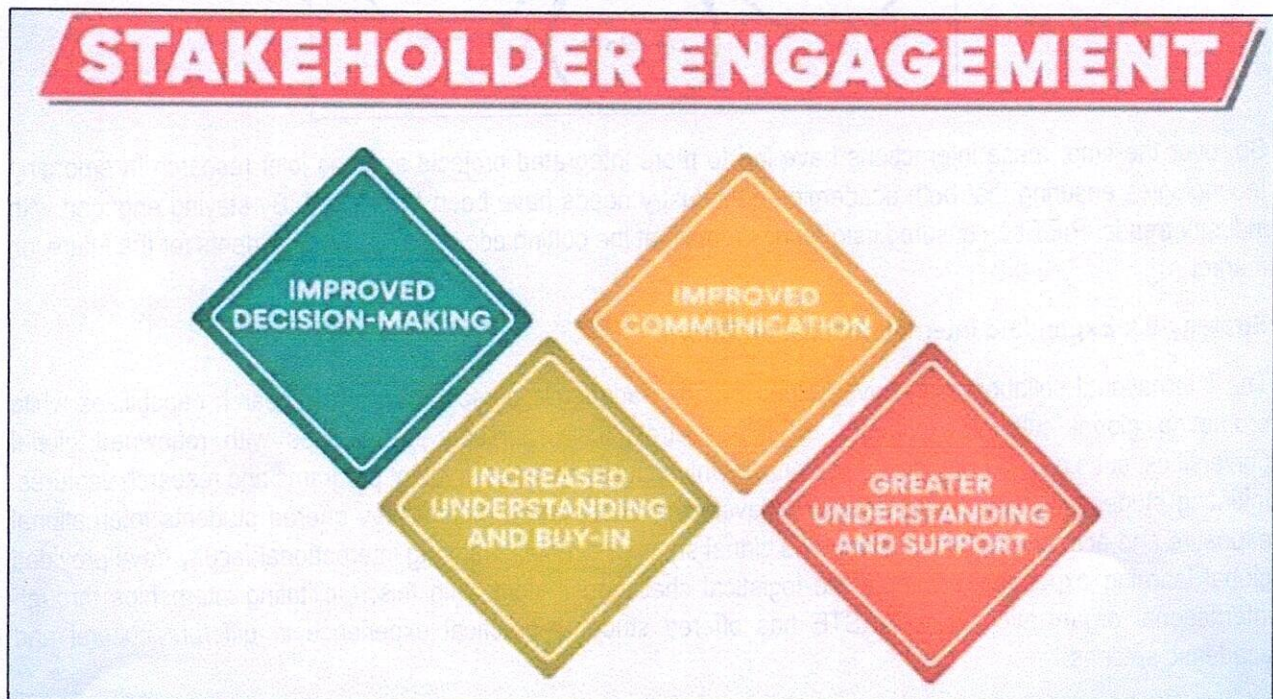
- Foster creation of joint industry-academia councils to advise on curriculum development, research priorities, and global industry needs.
- 3. Establish PIET Start-Up Ecosystem and Incubation Centres:**
 - Create a full-fledged start-up incubation center to help students and alumni launch tech-driven start-ups. This should include funding, mentoring, and networking with venture capitalists, angel investors, and successful entrepreneurs.
 - Promote sustainable, socially responsible entrepreneurship by collaborating with industries focused on green technologies, renewable energy, and sustainable practices.
 - 4. Global Recognition and Rankings:**
 - Aim for global recognition by building a strong network of academic collaborations, cross-border research initiatives, and a steady stream of publications and patents.
 - Seek accreditation from international agencies to enhance the reputation and value of degrees awarded through PIET.
 - 5. Sustainability and Continuous Development:**
 - Implement practices for continuous curriculum updates, research alignment with industry trends, and faculty upskilling to maintain the relevance of the institute's offerings.
 - Ensure continuous funding for research and infrastructure development through industry collaborations, government grants, and private investments.
 - 6. Develop an Alumni Network for Industry Linkages:**
 - Build a robust alumni network, tapping into the professional successes of past students to foster industry links, mentorship, and funding opportunities for current students and start-ups.
 - Organize alumni meets to facilitate knowledge exchange and potential job and internship opportunities for students.



Overview of Strategies

Strategy-01: Stakeholder Mapping and Engagement

A well-organized approach to identifying and mapping stakeholders is crucial for effective outreach. The key stakeholders **include industries, government agencies, academic bodies, research organizations, alumni and professional networks**. PIET organizes regular workshops aimed at mapping of stakeholders, involving key decision-makers such as department heads and outreach coordinators. These workshops help to prioritize partnerships based on shared interests like- joint research funding or curriculum updates. To further enhance stakeholder management, a digital system could be implemented to track and engage with stakeholders in real-time.



This would ensure timely communication, progress tracking, and ongoing involvement, nurturing stronger and more productive relationships. Moreover, gathering feedback from stakeholders on their expectations and experiences can be integrated into future planning, enhancing the impact of outreach activities.

Strategy-02: Strengthening Industry-Academia Collaboration

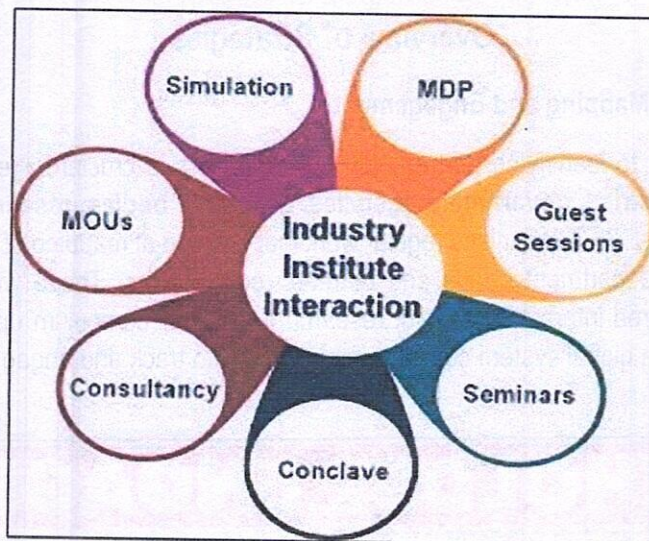
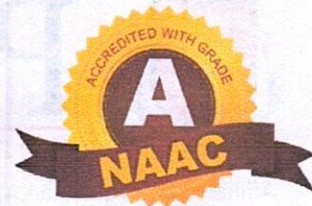
The promotion of strong connections with industries is critical for keeping academic programs relevant to current and future trends. Building strong connections with industries has been critical in keeping academic programs relevant to current and future trends. PIET has created advisory boards that consist of industry leaders from companies like Infosys, Tata Technologies and Bosch. These boards have provided valuable insights into curriculum updates and research priorities. Regular industry immersion activities, such as faculty internships and student-led industry-sponsored projects, have offered platforms for academic and industrial collaboration. Organizing annual Industry Connect Days has further built visibility and credibility, strengthening ties between the institution and the industry.



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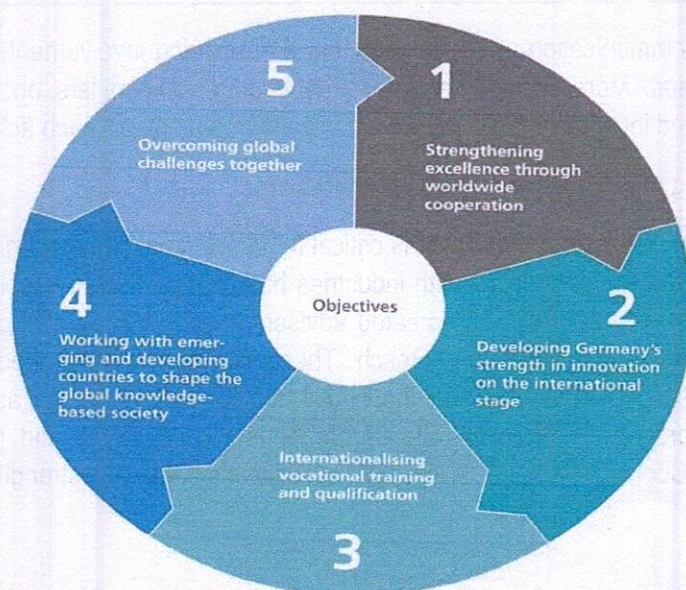
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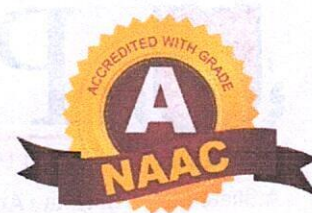


So, over the time, these interactions have led to more integrated projects such as joint research in emerging technologies ensuring that both academic and industry needs have been addressed. By staying engaged with industry trends, PIET has ensured its offerings remain at the cutting edge for preparing students for the future job market.

Strategy-03: Expanding Internationalization Efforts

The international collaborations have helped broaden academic perspectives and research capabilities while promoting global cultural exchange. PIET has strategically pursued partnerships with renowned global universities, such as NTU Singapore or Monash University in Australia, for joint programs and research ventures. Initiating student exchange programs and developing dual-degree options has offered students international exposure and academic diversification. The virtual summer schools featuring international faculty have provided global learning experiences without the logistical challenges. Along with this, facilitating internships through international organizations like IAESTE has offered students practical experience in different cultural and academic settings.

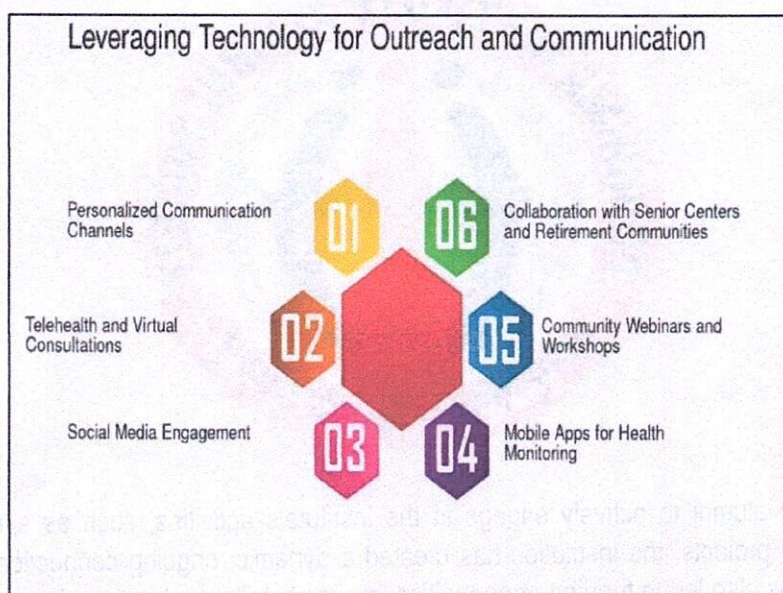




As these collaborations have matured, PIET has explored more research opportunities in emerging fields such as renewable energy and AI, nurturing a global academic community. These efforts have enhanced PIET's academic prestige and have provided students with skills that are globally competitive.

Strategy-04: Leveraging Technology for Outreach

The use of technology has significantly streamlined outreach activities and improved transparency. PIET has developed a centralized digital platform to post collaboration opportunities, research updates and event announcements for making them easily accessible to all stakeholders. A specialized 'Outreach Portal' can also be created for industries to share internship opportunities, propose collaborative projects and access institutional resources.



Furthermore, integrating communication tools such as Zoom, MS Teams and Slack has facilitated virtual meetings and collaborative initiatives. These tools have bridged geographical gaps, ensuring consistent interaction between faculty, students and external partners. By making collaboration easier and more accessible, technology has enhanced the reach and effectiveness of PIET's outreach initiatives. Therefore, incorporating data analytics into the platform has greatly helped identify engagement trends, optimizing future outreach strategies.

Strategy-05: Promoting Faculty and Student Engagement

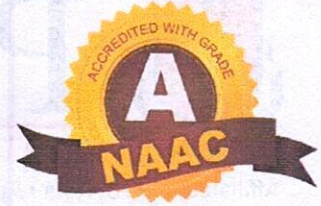
The faculty members and students have been key contributors to the success of outreach programs. The Establishment of initiatives like '**Faculty Champions for Outreach**' will also encourage the faculty members to take leadership roles in initiating and nurturing industry partnerships. Similarly, creating a '**Student Outreach Ambassador**' program will also empowered students to represent the institution at external forums and events, enhancing their professional development. Moreover, recognizing the achievements of faculty members in collaboration with industry partners and rewarding students with academic credits for project-based internships has further boosted participation. These initiatives have helped in creating a culture of active engagement across both faculty members and students for encouraging them to seek out and capitalize on outreach opportunities. Likewise, in PIET the Faculty development programs are greatly focused on enhancing collaboration skills and industry connections have further strengthened these relationships. These efforts have built a robust network that actively supports institutional goals.



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Strategy-06: Strengthening Alumni Relations for Outreach

PIET has remarkably nurtured the alumni association. The Alumni have played a crucial role in driving institutional growth through their professional networks and expertise. The regularly organizing of Alumni Meets, where successful graduates discuss industry trends and potential collaborations, has strengthened the institution's outreach activities in a very effective manner. PIET also plans to create an 'Alumni Connect Platform' for alumni to register for mentorship opportunities, suggest internships or even contribute funding to innovative student projects. In addition, acknowledging the achievements of distinguished alumni through awards or recognition events has further cemented these relationships.



Thus, by encouraging alumni to actively engage in the institute's activities, such as speaking at events or supporting student-led projects, the institution has created a dynamic, ongoing connection with its graduates. Alumni involvement has also led to funding opportunities, research collaborations, and new internship offerings, benefiting both students and the institution.

Strategy-07: Ensuring Continuous Professional Development

The continuous professional development has ensured faculty members are equipped with the skills and knowledge needed to stay competitive in an evolving academic landscape. PIET has established a calendar of Faculty Development Programs by focusing on emerging fields like Artificial Intelligence, Blockchain, and Sustainability. The more collaboration with platforms such as NPTEL, Coursera and Udemy has allowed faculty members to enhance their expertise and gain relevant certifications. In addition, encouraging faculty participation in national and international conferences has exposed them to global academic and industrial trends. This professional development has ensured that PIET's academic offerings remain aligned with industry advancements. By creating opportunities for faculty to engage in cutting-edge research and industry collaboration, PIET has strengthened its position as a leader in educational innovation.

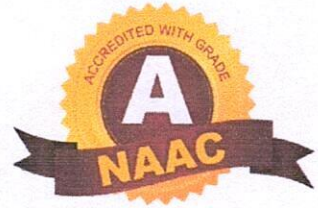
Strategy-08: Establishing Sustainable Funding Mechanisms

A diverse and reliable funding model has been critical to sustaining long-term outreach and academic development. PIET has partnered with industries through Corporate Social Responsibility programs and applied for government research grants, and encouraged alumni donations to build an Endowment Fund. The establishment of an '**Innovation and Outreach Fund**' will also help in pool contributions from different sources, ensuring consistent financial support for outreach activities and collaborative projects. The collaboration with



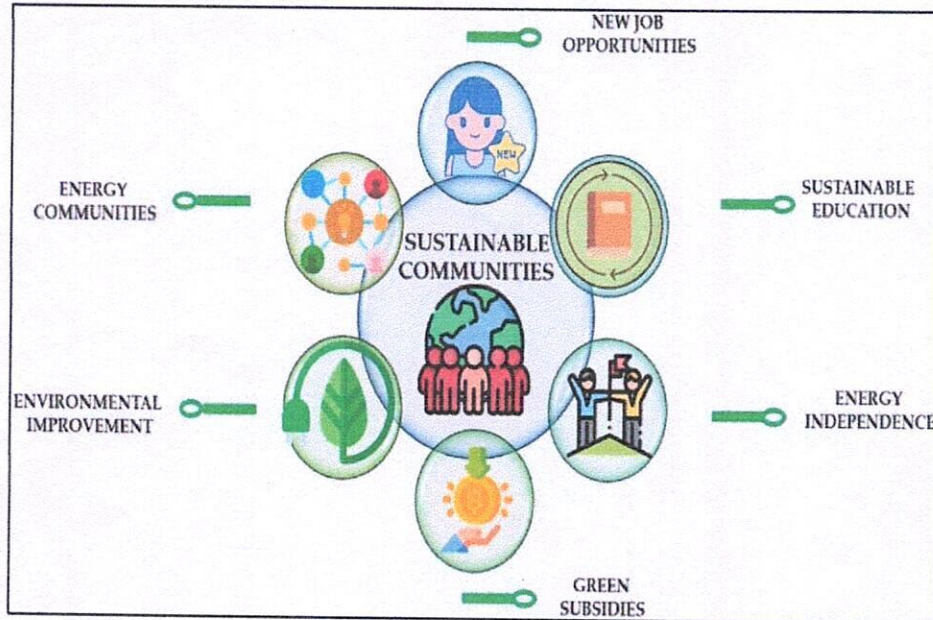
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philanthropic foundations and venture capitalists will also open new funding channels for research initiatives, start-ups and innovation-driven projects. The faculty members have also been incentivized regularly to apply for joint research funding, creating a continuous flow of resources.



So, by diversifying these funding sources, PIET has ensured the sustainability of its outreach programs and academic endeavours.

Strategy-09: Establishing & Expanding Center of Excellence for Research & Innovation

PIET is distinctly operating two Centers of Excellence specializing in Digital Manufacturing, Artificial Intelligence, and Robotics, representing an advanced extension of Innovations & Research for developing solutions for society. A structured approach is being followed from the prototype design to the development of functional outputs, emphasizing the integration of AI principles. Our aim is to establish many more such Center of Excellence has to be established, so that we can become hum of innovation and technology development. The student interest remains consistently high, as it will be reflected through their active participation in projects skill development activities, industrial consultancies and various Hackathons. Opportunities will also be explored to work on emerging technologies, including electric and hybrid engines, advanced safety systems, and autonomous driving systems, thereby aligning the technical knowledge with industrial innovations.

Bsheshma

Registrar
Poornima Institute of Engineering
& Technology
ISI-2, RIICO Institutional Area
Gener Road, Sitapura, JAIPUR-302022

Gayatri

Principal
Poornima Institute of Engineering
& Technology
ISI-2, RIICO Institutional Area
Gener Road, Sitapura, JAIPUR-302022