



IQAC Initiatives Post-first cycle of NAAC inspection (After 2018)

S.No.	Initiative	Year of Implementation	Objective	Outcome till 2022-23
1.	Skill Development Cell	2018	<ul style="list-style-type: none"> Facilitate faculty training and certifications in collaboration with multinational companies. Integrate soft skills courses into the regular timetable, encouraging active student participation through internal grading systems. Empower less privileged students from nearby villages through the NSS club. 	<ul style="list-style-type: none"> Faculty members deliver high-quality education, equipped with updated skills and certifications. Active student participation in soft skills courses, leading to improved communication, teamwork, and leadership abilities. Creation of a values-driven academic atmosphere Empowered less privileged students with life skills and value education.
2.	Quality Conferences with Premier Publishers	2019	<ul style="list-style-type: none"> Emphasis on enhancing life skills crucial for teamwork. Focus on creating a conducive environment for skill development through conferences. 	<ul style="list-style-type: none"> National and international SCI and SCOPUS indexed quality conferences organized by PIET. High standards of publications maintained in these conferences.
3.	Green Audits & Certifications	2020	<ul style="list-style-type: none"> Regular monitoring of environmental practices for sustainability. Initiatives to reduce carbon footprint and promote energy efficiency. 	<ul style="list-style-type: none"> Collaboration with local communities for environmental awareness and conservation projects. Integration of green technologies in campus infrastructure. Compliance with national and international environmental standards and regulations.
4.	Constant up gradation of	2019	<ul style="list-style-type: none"> Maintain high standards in the 	<ul style="list-style-type: none"> PIET maintains a high standard in its



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	AQAR (Annual Quality Assurance Report)		<p>Annual Quality Assurance Report (AQAR) detailing institutional achievements and activities.</p> <ul style="list-style-type: none"> ● Adhere to Rajasthan Technical University (RTU) approved curriculum, ensuring quality education. 	<p>Annual Quality Assurance Report (AQAR)</p> <ul style="list-style-type: none"> ● Academic calendar preparation aligns with RTU's schedule, including academic, co-curricular, and extracurricular activities. ● Teaching schemes are developed based on RTU syllabus, with faculty members contributing to subject choices.
5.	Institution's Innovation cell (IIC)	2019	<ul style="list-style-type: none"> ● Strengthen collaborations with key educational bodies to enhance technical education quality and innovation. ● Prepare for national recognition through active participation in prestigious initiatives like ARIIA. ● Facilitate IPR registrations and student-led start-ups with dedicated support and resources. 	<ul style="list-style-type: none"> ● PIET rated 3.5 stars by Innovation Council for promoting quality technical education. ● Conducts 130+ activities in the last 3 years related to innovation, IPR, and entrepreneurship. ● Resulted in 40+ IPR registrations and new student-led start-ups.
6.	Student's Council & Clubs	2019	<ul style="list-style-type: none"> ● To bridge the gap between students and institutional leadership. ● To organize various academic, cultural, literary, and sports activities. ● Aims to develop students' leadership, confidence, and vibrant personalities. ● Participation of students in governance of the institution. 	<ul style="list-style-type: none"> ● Through a significant hierarchy of patron, chair co-chair, faculty advisors and mentors, structured partnership between students, teachers, clubs, and management for event planning. ● 15 student-driven clubs focus on various academic and co-curricular aspects. Clubs include Coding, Idea Lab, Aero-modeling, Drama, Sports, Business Incubation, and many more. ● In the last few years many students have started their entrepreneurship



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				<p>journey and the placement quality has also improved.</p>
7.	13-day (Value Added Courses-CRT & Technical)	2020	<ul style="list-style-type: none"> ● Provide hands-on training and exposure to real-world scenarios, preparing students for industry expectations and bridging skill gaps. ● Conduct multiple value-added courses annually across all programs to enhance students' educational experience. ● Ensure graduates are job-ready by aligning their skills with industry requirements. 	<ul style="list-style-type: none"> ● Graduates well-prepared to meet industry demands, leading to successful career placements. ● There are various initiatives that are taken to enhance the student educational experience as: <ol style="list-style-type: none"> 1. Planning and conduction of industrial visits 2. 13 day classes for skill development, Seminars, Workshops, Alumni Interactions 3. Special Lectures from Industry Experts.
8.	Establishment of Solar Panel for Sustainable Society	2020	<ul style="list-style-type: none"> ● Initiative involves the establishment of solar panel grids. ● To focus on capturing, converting, and distributing solar energy efficiently 	<ul style="list-style-type: none"> ● Solar power plant of 100 KW is installed in the college. ● Solar technologies, including heating, photovoltaic, thermal electricity, and architecture, are utilized. ● Technologies are broadly categorized as passive or active solar based on energy capture and distribution methods.
9.	Consultancy & Research Incentives scheme of Poornima (CRISP)	2021	<ul style="list-style-type: none"> ● Encourage faculty to engage in research and consultancy for scientific collaboration with external agencies. ● Expand the Institute's expertise through sponsored research and industrial consultancy projects. 	<ul style="list-style-type: none"> ● Increased faculty engagement, leading to valuable contributions in various fields. ● Strengthened collaboration with external agencies, fostering innovation and knowledge exchange. ● Enhanced skills and expertise among faculty and students through



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			<ul style="list-style-type: none"> Facilitate mutual growth and knowledge exchange by strengthening collaboration with external agencies. 	<p>hands-on projects.</p> <ul style="list-style-type: none"> Enriched understanding of real-world challenges, leading to innovative solutions.
10.	IPR Cell & its Incentive	2021	<ul style="list-style-type: none"> To create an awareness about IPR for faculties and students of the Institution. To impart training on future endeavors regarding patent filing processes, procedure of IPR, Screen projects, make drafts and file patents to the competing authority. Compensate the Inventors with due reward for encouraging inventions. 	<ul style="list-style-type: none"> Published 60+ patents and granted 10 patents with the help of IPR cell. Registered 12+ copyrights with the help of IPR cell. Registered & accepted 20+ design patents with the help of IPR cell. 10+ patents are in the pipeline for publication mode.
11.	Establishment of AICTE IDEA lab	2021	<ul style="list-style-type: none"> PIET AICTE IDEA Lab focuses on promoting innovation, supporting entrepreneurship, while also offering a wide range of educational programs, student competitions, networking opportunities to advance sustainability and intellectual property commercialization. 	<ul style="list-style-type: none"> Equipping students and faculty with practical skills in innovation, Incubation and support services provided for start-ups, including mentorship, resources, and access to funding. Revenue generated through licensing agreements, successful startups, and commercialized innovations.
12.	NIRF (National Institutional Ranking Framework)	2021	<ul style="list-style-type: none"> Aiming for a higher NIRF ranking is considered essential for PIET. Collaboration with faculty and staff to work on areas that impact the institute's ranking. To get the institution actively involved in activities to boost its NIRF standing. 	<ul style="list-style-type: none"> Strategic efforts are being undertaken to enhance the institute's NIRF ranking. Initiatives are taken to improve various aspects contributing to the NIRF ranking. Student engagement programs are organized to elevate the institute's appeal, reflecting in the NIRF



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				ranking.
13.	Standardization of ERP	2022	<ul style="list-style-type: none"> Initially we were using SHARP and other department level platforms for managing daily tasks. Better streamlining of daily tasks, resource management, fee payments, attendance, library services, student enrolments, exams, results, and employee data handling. Enable real-time tracking. 	<ul style="list-style-type: none"> Efficient day-to-day operations management, including tasks, resources, and services through TCS iON. Accurate student attendance monitoring, enhanced transparency and improved communication between departments, leading to better coordination and decision-making.
14.	Continuous Learning Incentive	2022	<ul style="list-style-type: none"> Promote the use of MOOC platforms like Swayam and NPTEL for faculty and staff to expand their knowledge base and skills. Support faculty and staff members in pursuing higher education degrees, fostering a culture of continuous learning and academic growth. 	<ul style="list-style-type: none"> Faculty and staff acquire new skills, enriching their expertise and competence. Support for higher education results in advanced degrees, enriching the academic environment. Continuous learning enhances adaptability, aiding in navigating changing educational landscapes.
15.	Membership Incentive	2022	<ul style="list-style-type: none"> Enhance collaboration and networking opportunities through professional memberships. Knowledge in relevant subjects is enhanced through these associations. 	<ul style="list-style-type: none"> Various incentive schemes are available for professional memberships in bodies like IEEE, ACM, ISC, ISTE etc. Faculty members are encouraged to be associated with specific academic agencies and groups.