



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

PSG Institute of Technology and Applied Research

- Name of the Head of the institution **Dr N Saravanakumar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04223933400**
- Mobile no **9500814830**
- Registered e-mail **principal@psgitech.ac.in**
- Alternate e-mail **saran.nesu@gmail.com**
- Address **NH544, Avinashi Road, Neelambur**
- City/Town **Coimbatore**
- State/UT **Tamil Nadu**
- Pin Code **641062**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Anna University, Chennai**
- Name of the IQAC Coordinator **Dr R Ramesh**
- Phone No. **04223933452**
- Alternate phone No. **04223933410**
- Mobile **9994380356**
- IQAC e-mail address **iqac@psgitech.ac.in**
- Alternate Email address **ramesh@psgitech.ac.in**

3. Website address (Web link of the AQAR (Previous Academic Year)) <https://psgitech.ac.in/aqar-2023-24>

4. Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://psgitech.ac.in/academics-calender>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.33	2024	07/02/2024	06/02/2029

6. Date of Establishment of IQAC **18/12/2017**

7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr M I Abdul Aleem / Civil Engineering	DST-WMT	DST	2021 - 3 Years	5397040
Dr M I Abdul Aleem / Civil Engineering	DST-WMT	DST	2021 - 3 Years	4448306
Dr I Kala/CSE	SERB-TARE	DST	2024 - 3 Years	1800000
Dr M Jayasanthi/ECE	SERB-DST	DST	2021 - 3 Years	1860000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **8**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

11. Significant contributions made by IQAC during the current year (maximum five bullets)

1. Documents for the extension of accreditation by the National Board of Accreditation (NBA) were prepared and submitted for the

following five undergraduate programs, successfully securing a three-year accreditation extension: BE Civil Engineering, BE Computer Science and Engineering, BE Electrical and Electronics Engineering, BE Electronics and Communication Engineering and BE Mechanical Engineering

2. The Internal Quality Assurance Cell (IQAC) organized and coordinated all activities related to the certification process by the National Assessment and Accreditation Council (NAAC), India. Following the NAAC committee's visit on 10th and 11th October 2023, the institution was awarded NAAC accreditation with an A+ grade

3. The Internal Quality Assurance Cell (IQAC) organized a seminar titled "Outcome-Based Education: Typical Learning" by Dr. P.V. Mohanram, Secretary, PSG iTech, on September 13, 2023, and a One-Day Workshop on Outcome-Based Education by Dr. Kanmani Buddhi, Professor, BMS College of Engineering, on September 16, 2023, to enhance faculty understanding and implementation of Outcome-Based Education (OBE).

4. IQAC initiated the Core Competency Test for undergraduate students across all departments and all semesters to strengthen their core subject knowledge and improve placement opportunities in core industries. Based on IQAC's recommendations, GATE coaching classes, previously conducted exclusively for Civil and Mechanical Engineering students, have been extended to all undergraduate students to enhance higher education opportunities.

5. IQAC strongly advocated for the automation of administrative and academic activities, which has been successfully implemented through PSG Software Technologies ERP - LAUDEA. IQAC organized a Workshop on Moodle Software to promote effective teaching and learning methodologies among faculty members.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
<p>The Internal Quality Assurance Cell (IQAC) coordinated and facilitated all activities pertaining to the NAAC certification process, as mandated by the National Assessment and Accreditation Council, India</p>	<p>Following a comprehensive evaluation, the NAAC committee visited the institution on October 10 and 11, 2023, and awarded NAAC Accreditation with an A+ grade.</p>
<p>Documents related to the NBA extension of accreditation were meticulously prepared and presented for a three-year extension for the following five undergraduate programs: B.E. Civil Engineering, B.E. Computer Science and Engineering, B.E. Electrical and Electronics Engineering, B.E. Electronics and Communication Engineering and B.E. Mechanical Engineering.</p>	<p>The institution successfully secured a three-year extension of NBA accreditation for the aforementioned five undergraduate programs during March 2024, further reinforcing its commitment to academic excellence.</p>
<p>A Faculty Development Program (FDP) titled "One-Day Workshop on Efficacious Research Paper Writing" was organized by IQAC, featuring Dr. C. Balaji from IIT Madras.</p>	<p>This initiative significantly enhanced the quality of faculty publications, elevating PSG iTech's journal rankings from Q3/Q4 to Q1/Q2 categories.</p>

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	02/12/2024

14. Whether institutional data submitted to AISHE

Part A

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<p>13. Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	
<p>Name</p>	<p>Date of meeting(s)</p>
<p>Governing Council</p>	<p>02/12/2024</p>
<p>14. Whether institutional data submitted to AISHE</p>	
<p>Year</p>	<p>Date of Submission</p>
<p>2024</p>	<p>19/03/2024</p>

15. Multidisciplinary / interdisciplinary

A defining feature of PSG Institute of Technology and Applied Research is its Transdisciplinary Research and Interdisciplinary Academia (TRIA) initiative, which highlights the institution's focus on multidisciplinary and transdisciplinary activities. This initiative is committed to conducting research with significant societal impact. By partnering with industries, PSG iTech addresses key global challenges, especially in the fields of agriculture and industry. Faculty members at PSG iTech have obtained government funding for research projects in areas such as biomedical engineering, IoT-based waste monitoring sensors, and membrane fuel cells. The institution's research centers, including the Research Centre for Waste Valorization, Polymer Engineering Laboratory, and Nano-Crystal Design & Application Lab (NCDAL), bring together engineers and scientists to create innovative solutions. PSG iTech offers students a well-rounded learning experience by promoting inter-disciplinary collaboration and nurturing essential skills. Programs such as the Annual Industry-Academia Conclave and Smart India Hackathon provide opportunities for students to engage with industry professionals and peers, gain valuable insights, and build competence to tackle real-world challenges

16. Academic bank of credits (ABC):

PSG Institute of Technology and Applied Research, as an affiliated institution, adheres to the Anna University 2021 Regulations in implementing the Academic Bank of Credits (ABC) system. Being an affiliated institution of Anna University, our institute is an official member of the National Academic Depository (NAD) and follows a choice-based credit system (CBCS) for all its programmes. The Institute actively encourages faculty members to offer valuable recommendations for curriculum development. Senior faculty, who serve as Chairpersons or Members of the Board of Studies, play a pivotal role in proposing curricular improvements. The institution has initiated the required processes for registration under the ABC framework. To support this initiative, the institute is in the process of developing a centralized academic database for all college students. This database will digitally store the academic credits earned by each student upon completing their respective courses. Every student is entitled to open an individual Academic Bank Account through the ABC system, granting them access to the Standard Operating Procedures (SOP) and a unique identification number. The Academic Bank of Credits (ABC) system will enable students to strategically plan for multiple exits and continue

their academic journey through other avenues, such as enrolling in institutions of excellence or participating in online courses offered by esteemed institutions. The Anna University Regulations are designed to promote blended learning by allowing students to accumulate credits through value-added courses and online courses offered by various Higher Education Institutions (HEIs) registered under this scheme, as well as through platforms like SWAYAM. Additionally, students can earn credits through industrial training during specified periods, such as summer or winter vacations, as outlined in the curriculum.

17.Skill development:

1. PSG Institute of Technology and Applied Research fosters an intellectually stimulating environment that supports the continuous academic, co-curricular, and extracurricular development of its students. 2. It ensures ample representation for students across all academic and administrative committees, actively involving them in the decision-making process. 3. To enhance students' life skills and build confidence in their decision-making abilities, the institution provides comprehensive guidance in areas such as life skills, competitive examinations, soft skills, ICT/computing skills, yoga, physical fitness, and meditation. These initiatives are designed to help students make informed decisions, recognize their inner strengths, and prepare for future challenges. 4. Numerous clubs and associations operate actively within the institution, providing opportunities for students to participate in a wide range of co-curricular and extracurricular activities. 5. The institution organizes over 50 sports, cultural events, and competitions annually, fostering a vibrant campus life. 6. The institution boasts an excellent placement record, with an average of 90% of students securing campus placements. Additionally, more than 15% of students pursue higher studies at prestigious institutions, both within India and abroad.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

PSG Institute of Technology and Applied Research integrates the Indian Knowledge System into its curriculum through value added courses on Universal Human Values, Society, Ethics, Unnat Bharat Abhiyan, Constitution of India, and Yoga. Additionally, two specialized courses, Heritage of Tamils and Tamils and Technology, are offered by our affiliating university to help first year Engineering students gain a deeper understanding of

Tamil heritage. In addition to exploring the history of the Tamil language and its literature, students are taught about Old Tamil Rock Art, traditional musical instruments, the history of local deities, and various Tamil athletic forms such as Oyilattam, Karakattam, and Silambattam. The curriculum also includes the role of Tamil in the Indian Freedom Struggle, all of which are taught in Tamil. Hindi is offered as an optional language to PSG iTech students interested in learning it. It is a standard practice at the institute that all NSS activities conducted in adopted villages are carried out in Tamil, ensuring cultural relevance and engagement with the local community. The institution places significant emphasis on preserving Indian languages, culture, and traditions by celebrating festivals such as Saraswathi Pooja, Ayudha Pooja, Pongal, Navaratri, and Onam. To further promote the use of Tamil in engineering and technology, the institution has established the Iynthinai Tamil Mandram. This forum encourages faculty and students to advance their technical knowledge and skills while utilizing the Tamil language. Our students actively participate in various cultural events and consistently win prizes at the university level, showcasing their talent and engagement. By understanding and appreciating the rich heritage of Indian culture and the global context of contemporary issues, students gain greater confidence. This cultural grounding significantly enhances their readiness to face career challenges, as they approach them with an attitude rooted in universal goodwill and a commitment to the well-being of others.

19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

Five UG programmes namely BE Civil Engineering, BE Computer Science and Engineering, BE Electrical and Electronics Engineering, BE Electronics and Communication Engineering and BE Mechanical Engineering which were offered to students from 2014-15 academic year onwards are accredited by National Board of Accreditation (NBA) for three years and is now extended in March 2024 for additional three years. The NBA accreditations are based on the Outcome Based Education (OBE). All UG and PG programs offered are designed to meet the evolving regional and global industrial needs. Course Outcomes (CO) for each course are clearly defined in the curriculum, developed through consultations with academic and industrial experts during the Department Advisory Committee (DAC) meetings. Since the 2014-15 academic year, the institute has implemented outcome-based education, incorporating well-defined Programme Outcomes (PO), Programme Specific Outcomes (PSO), and Programme Educational Objectives (PEO). Each course is designed with a focus on

cognitive abilities, including Remembering, Understanding, Applying, Analyzing, Evaluating, and Creating. Beyond domain-specific skills, the learning outcomes at all levels emphasize social responsibility, ethics, and entrepreneurial skills, ensuring that students contribute meaningfully to the economic, environmental, and social well-being of the nation. The Internal Quality Assurance Cell (IQAC) organized a seminar titled "Outcome-Based Education: Typical Learning" by Dr. P.V. Mohanram, Secretary, PSG iTech, on September 13, 2023, and a One-Day Workshop on Outcome-Based Education by Dr. Kanmani Buddhi, Professor, BMS College of Engineering, on September 16, 2023, to enhance faculty understanding and implementation of Outcome-Based Education (OBE).

20.Distance education/online education:

Distance Education: PSG iTech classrooms and seminar halls are equipped with advanced ICT tools, including LCD projectors, LAN, and Wi-Fi connectivity, as well as web cameras, Vacuum boards, and Zoom licenses to support hybrid and online learning environments. Peer learning halls are equipped with interactive TVs, computers, internet access, roundtables, projectors, and microphones to foster online / distance learning. A unique email ID is provided to every faculty member and student under the college domain, enabling streamlined communication. The institution also offers well-equipped laboratories, enhanced with additional equipment and software for conducting experiments, and these facilities remain accessible to students beyond regular office hours. The Learning Management System (LMS) includes platforms such as Google Classroom and Moodle, facilitating seamless learning. Presentation tools like Prezi, Canva, and Microsoft PowerPoint are also available to support dynamic and effective presentations. PSG Institute of Technology and Applied Research offers exceptional IT infrastructure to support students and faculty. The campus is equipped with 1,130 computers, of which 928 are allocated for student use and 202 for faculty and staff. All academic blocks are interconnected through a fiber-optic VLAN with a speed of 1 Gbps, ensuring seamless and reliable network connectivity. The server room houses highly configured servers that provide robust network services across the campus. Internet and Wi-Fi connectivity are facilitated by Ready Link Internet Services Ltd., offering a bandwidth of 500 Mbps through 260 strategically placed Wi-Fi routers to ensure high-speed access. The library incorporates fully computerized RFID technology and provides access to a wide range of e-resources through INFED-INFLIBNET. The institute's IT facilities are

meticulously designed to create a technology-driven and efficient distance / online learning environment. PSG iTech Web OPAC is worldwide accessible 24/7 and also provides information about new arrivals of journals / books, issued books, On-Shelf books etc. in the library. OPAC includes multiple search, results filter option and bibliographic detail view features. The cover image of new arrivals will be displayed through OPAC for users' awareness. Electronic journals remote access facility is enabled to all through <https://idp.psgitech.ac.in>. The major resources are available for remote accessible by using official email id of the users. Online Education: The PSGiTech Learning Management System is deployed using Moodle (Version: 4.3 stable) on a Dell PowerEdge Server with a 64-core processor, 256 GB RAM, 5 TB HDD, and a 10 Gigabit network interface card. The URL to access the LMS on both private and public networks is <http://lms.psgitech.ac.in>. The PSG iTech Learning Management System is extensively utilized by both students and faculty for online classes, managing teaching resources, assignments, quizzes, exams, and evaluations. Both students and faculty are encouraged to enhance their learning by enrolling in online courses such as SWAYAM and NPTEL, supplementing the regular curriculum. Faculty members participating in NPTEL courses are provided with incentives to promote and support the growth of online education.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	481
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File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	1574
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	348
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	310
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	99
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	98
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	39
Total number of Classrooms and Seminar halls	
4.2	2850.13
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1130
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Curriculum Planning:

- PSG iTech is affiliated to Anna University and it offers seven undergraduate and two postgraduate programmes in Engineering and Technology. From 2017, Anna University has implemented a Choice Based Credit System in curriculum.
- The course willingness is received from the faculty and courses are allotted for each semester to the faculty by the respective HoD's of the departments. The class timetable and individual faculty timetable are released by the time-table coordinators.

Curriculum Delivery & Monitoring:

- Each faculty member designs a comprehensive course plan for theory and laboratory based on credit specified in the syllabus.
- Faculty member prepares course file containing academic schedule, timetable, course plan & materials and previous year question papers. Course Outcomes (COs) are validated by mapping against Programme Outcomes (POs) after each CIA.
- HoD's and Principal regularly monitor the delivery of the course. Formal feedback is received from the students to assess the course delivery and syllabus completion. The Class Committee meetings are arranged where the student representatives can express their difficulties in academic and administrative areas.

Student Development Activities:

- The institution and department organize events to improve the student's employability skills, communication skills, programming skills, industrial visits and training, internships, and placement training programs.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://psgitech.ac.in/naac/aqar202324/criterial/1.1.1/1.1.1%20-%20Facing%20Sheet.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Academic Calendar:

- Academic Calendar for the Institution is prepared based on the University Academic Calendar. It is authorized by the principal and distributed to all the Departments and students, as well as posted on the Institution's website for information and compliance. The following activities are scheduled chronologically in the academic calendar, semester-wise for seniors & first years.
 - Commencement date for II, III & IV years
 - Commencement date for I year
 - Orientation programme for I year
 - Class Committee meeting
 - CIA-I, CIA-II and CIA-III
 - Symposium
 - Workshop/Conference
 - Graduation day
 - Sports day
 - Annual day
 - Last working day
 - University practical examination
 - University theory examination
 - Government Holidays
- Each semester has 90 working days or 540 periods (450 hrs) and PSG iTech strictly adheres to it.

Internal Assessment:

- Internal marks are awarded to the students based on the marks scored in the internal assessment tests conducted by the exam cell. The schedule of internal test is intimated to the students through student group mail and also posted on the institution website.
- The course faculty prepares the question papers and submits

them to the HOD for approval. After approval by HoD, it is submitted to the Exam cell.

- After examination, answer scripts of each CIA are evaluated and distributed within a week for verification of marks. The results of the internal tests are uploaded in the affiliating university web portal as per university schedule. Anna University web portal provides students login to access their attendance and internal assessment marks.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://psgitech.ac.in/naac/agar202324/criterion/1.1.2/1.1.2%20-%20Facing%20Sheet.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

19

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1050

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

- PSG iTech adopting the Anna University curriculum has taken many initiatives to provide platform to integrate cross-cutting issues relevant to Professional Ethics and Human Values, Gender, Environment and Sustainability in the curriculum.

Professional Ethics and Human Values:

- In accordance with university curriculum, PSG iTech offers 'Professional Ethics and Human Values' to prepare students for practicing ethics and inculcate value system in handling their personal and professional domains of life.
- Every year, during the first year Student Induction Programme, all the first-year students undertake the Universal Human Values module as prescribed by AICTE.

Gender Sensitization:

- Gender equity is practiced in the Institution in all its activities including recruitment of staff, students' admission, allotting them in laboratory batches, project team, cultural activities, sports, association activities, etc.

Environment and Sustainability:

- Environment study is a part of the curriculum and PSG iTech enlarges the knowledge of students on sustaining, improving and preserving the environment through various practices and programs to maintain the natural world.
- Extension activities like NSS/ ECO Club, tree plantation, rainwater harvesting, maintaining cleanliness & hygiene are done in nearby areas and schools.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

33

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1382

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://psgitech.ac.in/feedbacks
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://psgitech.ac.in/feedbacks

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

493

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

341

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The attainment of students' learning outcomes are evaluated through internal assessments and previous end semester examination results. These outcomes are assessed by faculty members, mentors,

and the Head of Department (HoD). Based on this assessment, students who may benefit from further support in both academic and extracurricular activities are identified, and name list is prepared.

Those who have obtained scores below 50% in internal assessment tests and having backlogs in previous End-Semester Examinations (ESE) are categorized as slow learners.

Activities for Slow Learners:

- Remedial/Coaching classes for theory courses
- Counseling sessions to provide support to students by addressing their areas of weakness in academic performance and offering suggestions for improvement.
- Individualized attention: Offering focused support on non-academic aspects such as effective communication skills, career goal determination, time management and the management of academic pursuits and personal development.

Activities for Advance Learners:

- Students are motivated to pursue online MOOC courses, such as NPTEL / Swayam / Coursera / Udemy etc., to learn advanced concepts to improve their problem solving skills, and also provide an opportunity for self-learning.
- Students are encouraged to present papers on technological advancements at National and International events.
- Motivating the students to apply for meritorious awards in Professional bodies Indian Society for Technical Education (ISTE), Institution of Engineers (India) IE(I), Institute of Electrical and Electronics Engineers (IEEE), Indian Concrete Institute (ICI) etc.
- Advanced learners are encouraged to be the coordinators of various clubs, technical, and departmental level activities.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/societies-clubs
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1574	99

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

PSGiTech has established the Centre for Teaching Learning Practices (CTLTP -PSGiTech) to facilitate academic professional development for faculty members. The following are a few of the significant activities:

Participatory Learning: This enables students to engage proactively in structured in-class activities.

- Active learning methods are adopted in classrooms.
- Challenging assignments, case study presentations, student seminars, collaborative learning practices, and in-class gaming activities.
- Centers established to promote participatory learning: Product Application Centre, PASCO Laboratory.

Impact: These activities improve internal assessment scores, academic performance, self-awareness, responsibility, commitment, teamwork, interpersonal relationships, and communication skills.

Experiential Learning: This augments classroom lectures with student-centric work experience, helping students apply classroom knowledge to solve real-world problems.

- New experiments in labs, fieldwork, role play.
- Industry interaction opportunities through the Centre of Excellence.
- Workshops, hands-on training, and technical competitions guided by faculty members.

Impact: These activities add experiential components, fostering patience, perseverance, cooperation, planning, willpower, and a sense of accomplishment.

Problem-Solving Methodology: Students are trained to solve real-

life problems through:

- Tutorials, classroom discussions, and challenging questions in IA tests/assignments.
- Research activities, community problem studies, and intramural hackathons.
- Participation in national competitions like Smart India Hackathons, L&T Techgium, and more.

Some of the best practices being followed in the institution are given in the following link: [View Link](#)

File Description	Documents
Upload any additional information	View File
Link for additional information	https://psgitech.ac.in/ctlp

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Classroom technologies and ICT tools supporting these activities:

1. Computers with Internet access and high-quality digital audio facilities with projection systems in addition to the traditional chalk and board in all classrooms
2. Peer learning halls with Interactive TV, computers, internet access, roundtables, projectors, and microphones
3. Well-equipped laboratories with additional equipment/ software for the conduct of experiments and are kept open beyond office hours for student access.
4. Learning management system - Google Classroom, Moodle
5. Presentation Tools Prezi, Canva, Microsoft PowerPoint
6. MOOCs via NPTEL, Coursera, Udemy, Edx etc.

• Embedded system development using Arduino, PIC microcontroller and PLC • Analog and Digital VLSI design • Mobile Application Development • Numerical applications using MATLAB • Circuit Design using Multisim • Machine Learning using Python • AWS cloud architecture • Data Analytics using Python • Building IoT framework • Plumping, Brick Masonry, • Geospatial Mapping using GIS. These training sessions culminate with mini-project exhibitions

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

77

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

69

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

6

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The exam cell of PSGiTech headed by the principal (Chief Superintendent) and the exam cell coordinators are responsible for the conduct of Internal Assessment (IA) examinations and External (End Semester or University) Examinations (ESE). The exam cell maintains the complete profile of all the enrolled and eligible students of all batches with software support. PSGiTech being affiliated to Anna University (AU), the ESE is conducted on the dates scheduled and based on the procedures framed by AU. The exam cell manages the exam fee collection, exam registration, and all kinds of communications related to conduct of ESE, central valuations by AU, release of results and revaluations thereafter with AU.

Every semester, two tests are conducted as a part of the Continuous Assessment (CA) for students. The number of IA tests and the weightages for test and other components like assignment/mini-

projects/case studies of CA marks are decided based on retrospection of previous semester, and the same is approved in the HoDs meeting, well before the start of next semester. It is ensured that the dates of IA tests are in accordance with the academic schedule released by AU. This is also reflected in the college academic calendar. However, a detailed circular is prepared by Exam Cell, two weeks before the commencement of IA tests.

File Description	Documents
Any additional information	View File
Link for additional information	https://psgitech.ac.in/exam-cell

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The exam cell disseminates circulars via email, WhatsApp, and the college website. Examination hall and seat allotments are shared a day prior via email, with invigilation hall allotments managed through dedicated software.

Course instructors distribute corrected scripts on time, address discrepancies in class, and rectify marks. Students can view IA test marks on the EDP portal within five days, while additional CA component marks are available on the LMS. Attendance and CA marks are periodically updated on the AU portal. Parents can access their wards' marks and attendance.

Student feedback on IA tests and ESE discrepancies is collected for corrective measures. Retests are offered for valid reasons, and IA performance is discussed in CCM. Orientation programs on AU exams are conducted for first-year and lateral-entry students.

Synchronous voice links and alarm systems facilitate communication during exams. Hall allotments are accessible via barcode scanners outside the exam cell. University updates, including schedules, timetables, and revaluation details, are promptly shared. The exam cell organizes prize distributions for ESE toppers and issues Bonafide and NOC certificates for scholarships, higher studies, and other purposes.

File Description	Documents
Any additional information	View File
Link for additional information	https://psgitech.ac.in/exam-cell

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

PSGiTech strives for excellence in education and research, fostering lifelong learning, ethical values, and readiness to address techno-societal challenges. In 2017, the institution adopted Outcome Based Education (OBE) to tackle 21st-century educational challenges, emphasizing student engagement and equipping learners with essential skills, knowledge, and attitudes. The institution's vision is aligned with departmental vision statements, while mission statements provide a strategic path for achieving goals. IQAC has conducted workshops, FDPs, and seminars to help faculty develop Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).

PEOs outline professional achievements expected 3-5 years post-graduation. Programme Outcomes (POs), based on NBA graduate attributes, emphasize professional development, ethics, teamwork, social responsibility, and lifelong learning. PSOs, typically 2-3, are department-specific. PEOs, POs, and PSOs are regularly communicated to stakeholders through various activities.

Course Outcomes (COs) define the knowledge and skills students acquire by course completion. Framed using Bloom's Taxonomy and aligned with Anna University's curriculum, COs undergo review by the Program Assessment Committee (PAC). Disseminated via syllabus books, department webpages, and course plans, COs are introduced in lectures. A CO-PO/PSO matrix highlights correlations, rated as "1" (Low), "2" (Medium), "3" (High), or "-" (None).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://psgitech.ac.in/naac/aqar202324/criteria2/2.6.1/2.6.1_Abstract.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The assessment tools adopted to analyse the student's academic performance towards the course outcome are as follows:

1. Continuous Assessment (CA)

2. End -Semester Examination (ESE)

The various assessment tools used in continuous assessment are as follows:

Continuous Assessment for projects: First Review - 25% Second Review - 37.5% Third Review - 37.5%

From 2019-24 onwards

Continuous Assessment for Theory: Internal Assessment Tests - 60%

Assignments/ Technical Quiz

Tutorials/ Mini-Projects - 40%

5.2 Procedure for CO Attainment-Format C

The Course Outcome Attainment in Format C is computed based on the ESE grades and the continuous assessment marks scored by the students for each course outcome. The CO Attainment _ Target level and CO Attainment _ 'Attainment Levels' are defined as follows:

For ESE Grades:

CO Attainment - Target level for ESE - D Grade (2016-20 Batch)

B+ Grade (2017-21, 2018-22, 2019-23 &

2020-24 Batches)

CO Attainment- Attainment Levels:

1 A 50% of students scoring more than the target

2 A 60% of students scoring more than the target

3 A 70 % of students scoring more than the target

For continuous assessment marks: (considering individual COs)
(both for IA test marks and assignment/quiz/others)

(also for record marks, model exam marks and project review marks)

CO Attainment - Target level for CA marks - 75% of max. marks

CO Attainment- Attainment Levels:

1.A50% of students scoring more than the target

2. A60% of students scoring more than the target

3.A70 % of students scoring more than the target

Step: 6 : Computing the overall CO Attainment.

Overall CO Attainment = 50 % (?CE) + 50% (?A)

Where, CA =60 % + 40 %

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://assessmentonline.naac.gov.in/public/index.php/admin/get_file?file_path=eyJpd_iI6I1lnRW96UmpPaFdrdmM0emVBWnFCT0E9PSIsInZhbHVlIjoia11NcVpPOTh4WGFEVDJNMmRaTFhnQWVOSkNCRWJhcVBvMmxESkNaL1RTU2JmWkc5TitOczZVK1BQUjdIWVc2UyIsIm1hYyI6IjZhMjI4Y2Q1YjRiYzA2ZjY1M2IzMGQ1NGJmYjE2MTAxNzVhY2M5ZWY5MDFhYTOzNGE3Nzg2NDdiNTNmMThmNWYiLCJ0YWciOiIifQ==

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year****287**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://psgitech.ac.in/assets/exam_cell/pdf/results/2023-24/NOV%202023.pdf

2.7 - Student Satisfaction Survey**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

https://psgitech.ac.in/naac/aqar202324/criteria2/2.7.1/2.7.1_Facesheet.pdf

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****200.05**

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

27

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem**3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

PSGiTech Entrepreneurship Development Cell (EDC) aims to inspire a significant number of students to pursue entrepreneurship. The cell's core mission is to nurture entrepreneurial aspirations among young minds and build a robust entrepreneurial ecosystem within the institution. Innovation Centre The Innovation Centre serves as a pre-incubation lab designed for students and faculty to develop and test their innovative products during the initial stages. Institution's Innovation Council (IIC) PSGiTech established its Institution's Innovation Council (IIC) to cultivate innovation among students and faculty. Regular workshops and events such as Design Thinking, Idea Generation, Business Model Canvas and Entrepreneurial Talks are conducted.

Participation and Achievements in Innovation Contests Students from PSGiTech actively participate in numerous national and international innovation and entrepreneurship competitions, achieving remarkable success. Notable accomplishments include: • Innovative product development "Zigmet." • India Skills 2024 • Smart India Hackathon 2024 Collaborations with Innovation Institutes PSGiTech EDC maintains strong ties with prominent innovation and incubation institutes, including:PSG STEP, EDII-TN, AURCC and AU-CTDT. IPR Cell The IPR Cell encourages students and faculty to file patents for their innovative ideas and research outputs. Since, 2024, 20 patents have been published, with three granted. PSGiTech sponsors all patent registration and publication expenses to support innovation.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

8

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

34

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

187

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

118

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Opportunities for Holistic Development PSGiTech has been committed to fostering the harmonious and holistic development of its students by offering numerous extension programs. National Service

Scheme (NSS) The NSS has significantly contributed to enriching both the lives of students and the residents of neighboring villages. Activities include regular visits to orphanages where students interact with residents and distribute food, clothing, and financial support. **Rotaract Club** The Rotaract Club, a global youth organization, empowers young individuals to make a positive societal impact. Events such as self-defense and confidence-building sessions for girls, and "Squeeze Me, Use Me," focused on sanitizer distribution, have been organized. **Astronomy Club** The Astronomy Club unites individuals passionate about exploring space and the universe. Events such as stargazing nights allow participants to observe celestial phenomena and appreciate the wonders of nature. **Eco Club** The Eco Club organizes events to foster environmental consciousness, sustainability, and conservation. Activities like the Swachh Bharat campaign aim to promote cleanliness and hygiene. environment to prevent the spread of diseases. **Youth Red Cross (YRC)** The Youth Red Cross at PSGiTech focuses on societal upliftment and the promotion of humanitarian values.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry,

community and NGOs) during the year**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****2**

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year****100**

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year****116**

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

PSGiTECH, Coimbatore is an eco-friendly, learning friendly and a sustainable solar powered inclusive campus that spreads over an area of 15.71 acres with build-up area of 68,000 sq.mts for which it has received an exemplary performance award from GRIHA. It has seven academic blocks with 34 classrooms, and 45 teaching -learning labs with state-of -art ICT facilities in accordance with norms and standards prescribed by the regulatory authorities such as AICTE and the affiliating university. It has 13 research labs with up-to-date equipment for experiential learning and 9 industry powered labs for the development of industry readiness skills to bridge the gap between academia and industry. The institute has a well equipped, fully automated FRID powered central library with

an area of 853.81 Sq.mt. and has a subscription to 901 online international journals. It also has 5 ultra modern seminar halls of each 180 seating capacity with latest audio-visual aids and a state-of-art convention center of 1500 seating capacity. The campus has an excellent IT facility with 1130computers and the entire campus has Wi-Fi access connected through optic fiber VLAN with a speed of 10Gbps. Other facilities include a full-fledged dispensary, robust transport system for easy mobility of students, well furnished staff quarters, 24*7 security facilities, Residence for boys and girls with amenities conducive for a pleasant living.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://360play.birdscale.com/tours/twwwztKma

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

PSGiTECH has created an adequate infrastructure for harnessing the potential of the youth & promoting students interest in sports, cultural and extra-curricular activities. The institute has various clubs and organizes "YUKTA" an annual cultural event to exhibit students extra curricular and co-curricular talents. Students are trained and promoted for participation in the competitions organized by IITs, NITs, and other premier institutions.

The Institute has a well-furnished convention center, multipurpose halls, and grounds with all amenities designed for organizing cultural events, sports, yoga and other events. The institute has modernized Fitness center to cater all the staff members and students. Separate fitness center is also available for students staying in hostel. The fitness center is equipped with indoor sports facilities like table tennis, badminton court. Outdoor game facilities include Football Ground, Volleyball Court, Tennis Court, volleyball court and a 200 meter athletic track with full time trainers. A yoga practice center is available with adequate number of yoga mats and trainers. Every year a mass yoga performance is conducted in connection with International yoga day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psgitech.ac.in/naac/agar202324/criteria4/4.1.2/4.1.2%20face%20sheet.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

39

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psgitech.ac.in/naac/agar202324/criteria4/4.1.3/4.1.3%20face%20sheet.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

558.49

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Criterion**Data about ILMS****Description****4.2.1****Name of ILMS software****Koha****Developed by & Year****Katipo Communications, New Zealand, 1999****Nature of automation (fully or partially) :****Fully automated****Version****21.05.05.003****Year of Automation****2021**

Central library housed in the first floor of E1 block with built-up area of 8869.46 SqFt. is equipped with fully computerized RFID technology which provides self-issue/return/renew of books, periodicals, CD/DVDs using Kiosk. Users will receive an email notification / alert for each transaction (issue / return / renew / advance notice) through on institute provided email ID. The central library collection includes books (25439), ebooks, print and electronic journals (IEEE (ASPP), SpringerLink, Science Direct), CD/DVDs, projects and question bank. Remote access is provided all users through INFED-INFLIBNET for accessing all the subscribed E-resources. Open Access System is being followed in the library. The library holds institutional membership with DELNET for inter library loan (ILL) and document delivery services. Enhancing the academic research and report writing Turnitin and typeset tools are subscribed with remote access.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://library.psgitech.ac.in/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

30.5

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

326

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Computing Resources

PSG Institute of Technology and applied Research has excellent IT facilities for students and faculty. 1130 computers are available in the campus with LAN Connection (928 computers are for student's usage and 202 computers are for faculty and supporting staffs). All academic blocks are connected through fibre optic VLAN with a speed of 1Gbps. Highly configured servers available in the server room to provide network connectivity in the campus.

Internet and Wi-Fi

Internet facility is provided through Ready link Internet Services Ltd with a bandwidth of 500 Mbps. Web cameras, Vacuum boards, Zoom license are available and all classrooms/ seminar halls are equipped with LCD projector/ LAN/Wi-Fi facility.

E-Services

A unique mail id is created in college domain to all faculty members and students. The college website provides all the essential information for the stakeholders. Google classroom is used for teaching learning process.

Internet facility: High-speed internet connectivity with

- 260 WI-FI routers with a speed of 1 Gbps
- Bandwidth updated to 500 Mbps.

Computers/ICT facility:

- 100% ICT-equipped classrooms and seminar halls
- 1130 computers out of which 928 computers for students and 202 for faculty and staffs

Library resources and other facility:

- Fully computerized RFID technology and INFED-INFLIBNET for accessing all the subscribed E-resources.
- 219 CCTV cameras installed across the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psgitech.ac.in/naac/agar202324/criteria4/4.3.1/4.3.1%20face%20sheet.pdf

4.3.2 - Number of Computers

1130

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2418.83

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

PSG Institute of Technology and Applied research has an established systems and procedures towards maintaining and utilizing its infrastructure in adherence to certain rules and regulations. Being a stakeholder driven institute, the principal recommends specific committees to look matters of physical, academic and support facilities from time to time.

Physical Infrastructure is managed by the College Administration and has appointed several personnel to ensure cleanliness, building maintenance, hygiene, water supply, RO system, air conditioners, electricity, intercom facilities, transport, furniture, garden and security.

Academic and Support Infrastructure: The allocation of classrooms, labs and tutorial rooms for teaching-learning is done by timetable Committees through established procedures and practices. Additionally, appropriate committee(s) may provide recommendations for the further expansion and remodelling of existing space. Academic and research lab facilities adhere to standard operating procedures with trained assistants supervised by the head of the department. IT infrastructure is the backbone of the organization for efficient operations and the institute has a well-managed policy for systematic hardware & network maintenance to manage the rapid changes in technology. Dedicated sports officers are deputed to take care of sports facilities like indoor stadium, gym and outdoor sports grounds. The institute has a provision for the allocation and implementation of the budget and gets approval from the management.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://psgitech.ac.in/naac/aqar202324/criteria4/4.4.2/4.4.2%20face%20sheet.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

536

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

45

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://psgitech.ac.in/naac/aqar202324/criteria5/5.1.3/5.1.3%20Abstract.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
962	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
962	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent	A. All of the above

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

230

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

11

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

20

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

PSG Institute of Technology and Applied Research actively promotes student representation and engagement in various administrative, co-curricular, and extracurricular activities, fostering holistic development and leadership skills. Students are integral members of the student council and other committees, contributing to development processes that impact academic and campus life.

Through structured representation, students participate in administrative bodies such as anti-ragging committees and Hostel Council, ensuring their voices are heard in maintaining a safe and inclusive environment.

In the co-curricular domain, students collaborate in organizing and managing academic events like seminars, workshops, and technical symposiums, enhancing their organizational and teamwork skills. Representation in departmental clubs and associations provides opportunities to showcase their talent and knowledge.

Students enthusiastically participate in extracurricular activities, including sports, cultural events, and community outreach programs. Their involvement in leadership roles within event management committees and in inter-collegiate competitions showcases their capacity to balance academic responsibilities with extracurricular engagements.

By adhering to established processes and norms, the institution ensures that student participation is meaningful, structured, and impactful, fostering a sense of responsibility and empowerment that prepares them for future professional and social roles.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/committees
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

44

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- The institution has a registered alumni association, "PSGiTech Alumni Association" (SRG/Coimbatore/148/2022).
- The alumni members of the institution organize activities through their administrative body, which holds periodic meetings. It also regularly updates the database of the alumni of the institution.
- The members of the alumni deliver invited talks and organize training sessions for the current students. The alumni assist the institution by providing information about the opportunities available for in-plant training, internships, industry projects and job openings in companies.
- The institution has a link for alumni on the website.
- The alumni register their details on the site once their UG/PG Programme is completed.

- The information is shared to them through what app and email. Through this Association, the Institution conducts "Alumni Meet" every year.
- During the "Alumni Meet" alumni share their success stories with the current students. The alumni highlight the current trends in the market and guide the students about the career opportunities in different fields.
- The alumni help the institution by persuading industries and other agencies in getting placements. Alumni visit campus regularly to support the existing batch of students in planning and organizing events.
- The alumni contribute financially to talented students from economically backward by their tuition fees.

File Description	Documents
Paste link for additional information	https://alumni.psgitech.ac.in/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The vision of PSG Institute of Technology and Applied Research (PSG iTech) is to excel in education and research, while nurturing engineers with strong ethical values, capable of solving global challenges and contributing to both industry and society. The mission promotes active learning, vocational training, fostering innovation, and creating a research-friendly environment through collaboration with industry.

The institution's governance structure reflects its vision by ensuring active faculty involvement in decision-making bodies such

as the Governing Council, Internal Quality Assurance Cell (IQAC), and Research & Development Committees. These committees are central to policy formulation, academic planning, and continuous quality improvement. For instance, the IQAC conducts regular academic audits, reviews teaching-learning processes, and implements feedback mechanisms to enhance educational outcomes. Faculty members contribute directly to these initiatives, driving improvements in academic related activities, research works, and institutional growth.

The institution's perspective plans focus on enhancing industry collaboration, promoting sustainability, and supporting student development through innovative academic and research practices. Faculty participation in governance ensures that long-term strategies, such as expanding research facilities and fostering innovation, are aligned with institutional goals. This participative governance model provides shared leadership, improves academic quality, and ensures the institution stays focused on achieving its mission of excellence in education, research, and societal contribution.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/about-us
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

At PSG Institute of Technology and Applied Research (PSG iTech), decentralization and participative management are integral to the institution's operations. A key example is the role of the Internal Quality Assurance Cell (IQAC), which ensures educational quality through the active involvement of faculty from all departments. The decentralized decision-making process allows department heads and faculty to share their expertise and contribute to institutional growth.

A notable responsibility of the IQAC is the academic auditing process. These audits follow a structured format, ensuring that essential academic materials, such as lesson plans, course outcomes, internal assessment records, and student feedback, are well maintained. Faculty from various departments manage detailed course files, which include course outcome audits and the use of

innovative teaching methods like ICT tools. The files also include student feedback and faculty self-reflection reports, promoting continuous improvement. To further enhance quality, regular external audits are conducted, where experts from reputed institutions are invited to audit the course files.

Additionally, the IQAC gathers data on faculty activities, including participation in Faculty Development Programs (FDPs), workshops, and conferences. This decentralized approach encourages faculty to actively contribute to quality benchmarks, ensuring continuous improvement and maintaining high academic standards. This inclusive approach supports the institution in achieving its mission of educational excellence through shared leadership and continuous quality enhancement.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/committees
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Figure 1 (refer to additional information document) outlines a Perspective/Strategic Plan for 2023 to 2033, detailing a strategic vision to enhance institutional growth, academic excellence, and infrastructure. The plan spans several years and targets key areas like accreditation, infrastructure, innovation, and rankings.

A key success of the institutional strategic plan is the increase in research publications. This achievement results from various initiatives aimed at fostering a research-oriented environment. Faculty are incentivized to publish in reputed journals, motivating active engagement in research. This has led to a notable rise in the quality and quantity of publications. For instance, Scopus-indexed publications increased from 290 in 2021-22 to 559 in 2023-24 (Figure 2 - refer to additional information document).

Faculty members are also encouraged to attend Faculty Development Programs (FDPs), workshops, conferences, seminars, and Short-Term Training Programs (STTPs). These events keep faculty updated on the latest research trends, enhancing their work quality. Additionally, the institution provides seed funding and research

incentives to support research projects and infrastructure development. These financial resources enable faculty to establish the necessary facilities for high-quality research, further contributing to institutional advancement.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://psgitech.ac.in/strategic-plan
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institutional organogram clearly defines a structured and efficient hierarchy that facilitates smooth functioning across departments. At the top, the Chairman of the Governing Council oversees strategic decisions, while the Principal ensures operational alignment with institutional goals. Reporting to the Principal is the Internal Quality Assurance Cell (IQAC), responsible for maintaining academic standards.

Under the Principal's supervision, there are several key divisions, each tasked with specific functions. The Academic Departments include deans and heads, along with faculty members, focusing on delivering quality education. The Research & Development wing, led by a designated research leader, fosters innovation and knowledge creation. Additionally, the Career Development Centre, managed by the Placement Officer, assists students with career placement and training, enhancing employability outcomes.

The Administration and Academic Support unit covers critical areas such as accounts, HR, library, and examination cells, all essential for maintaining institutional efficacy. Student amenities, including wellness centers, sports, canteens, hostels, and medical facilities, ensure comprehensive support for student life. This well-defined organogram supports effective communication, accountability, and seamless collaboration across units, reinforcing the institution's commitment to a productive and structured environment for learning and growth.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/organogram
Link to Organogram of the institution webpage	https://psgitech.ac.in/organogram
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

PSG itech is committed to ensuring the well-being of its teaching and non-teaching staff through comprehensive welfare measures. Financial benefits include EPF and ESI coverage, gratuity benefits, road safety insurance up to Rs. 1.2 lakhs, and interest-free festival advances of Rs. 10,000. Staff members receive financial support for attending conferences, seminars, and workshops, along with incentives for publications, seed money for research, patents, and completing Ph.D. work. Health and well-being are prioritized through free medical check-ups, vaccination camps, ambulance services, yoga sessions, and access to a medical center. Maternity leave with two months' salary and provisions for medical leave and sabbatical leave further ensure employee care. For career development, newly recruited faculty benefit from orientation programs and FDPs, while faculty are encouraged to deliver guest lectures and access unrestricted on-duties for Ph.D. work. The institution also provides free uniforms, computer and

internet access, sports and gym facilities, ATM services, a canteen, and subsidized transportation. Additionally, compassionate employment opportunities are offered for staff members' families. Staff are recognized and appreciated through awards on Teachers' Day, Women's Day, and cultural or sports events.

• Note: <https://psgitech.ac.in/assets/pdf/careers/Institutional%20Policy%20Manual.pdf>

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/assets/pdf/careers/Institutional%20Policy%20Manual.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

55

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

20

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

64

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

PSG iTech's Performance Appraisal System ensures the structured evaluation of teaching and non-teaching staff annually to enhance productivity and promote professional growth. For teaching staff, the appraisal process includes self-assessment, where faculty

members submit self-appraisal forms, duly signed by their Heads of Department (HoDs), to the principal. The evaluation is based on metrics, such as the teaching-learning process, research activities, academic contributions, and departmental as well as institutional involvement in various activities. Individual assessments are conducted at the departmental level by the respective HoDs and the principal, ensuring a fair and comprehensive review.

For non-teaching staff, periodic performance reviews are carried out to assess their contributions to organizational efficiency and operational effectiveness. The appraisal outcomes determine increments, promotions, and professional development opportunities. The Promotion Policy complements the appraisal system by recognizing merit and competence. Annual promotion and career advancement interviews are conducted for eligible teaching faculty based on their performance, nature of work, and HoD recommendations. Staff are encouraged to pursue higher studies and professional growth. By systematically linking performance to rewards, increments, and development, the Performance Appraisal System fosters accountability, motivates excellence, and ensures alignment with institutional objectives, contributing to overall organizational growth and effectiveness.

Note:<https://psgitech.ac.in/> (refer important links - HR Policy)

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/assets/pdf/careers/Institutional%20Policy%20Manual.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Our institution follows a systematic process for conducting both internal and external financial audits every year. Internal audits are done annually by the Finance Committee. These audits check if financial policies are followed properly, funds are used correctly, and records are maintained accurately. If any issues or errors are found during the internal audits, they are resolved quickly by the Finance Committee.

External financial audits are carried out annually by certified chartered accountants. These audits thoroughly review the institution's financial statements, income, expenses, and balance sheets. They also ensure that financial activities follow legal and regulatory requirements. If the auditors find any objections or problems, they are discussed with the management, and corrective actions are taken within a set time. These regular audits help ensure transparency, accountability, and efficient use of resources. They also build trust among stakeholders and strengthen the institution's financial management system, supporting its overall goals.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/audit-statements
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Our institution follows a structured resource mobilization policy and transparent procedures to ensure the effective utilization of funds for academic and infrastructure development. The primary sources of fund mobilization include tuition fees, contributions from PSG & Sons' Charities, grants for equipment and infrastructure development, and interest.

The institution receives substantial support from PSG & Sons'

Charities, as reflected in their annual contributions for development and resource enhancement. Additionally, funds are allocated to specific purposes, such as the development fund, equipment fund, and fixed asset acquisitions, as detailed in the audited financial statements. Regular financial audits ensure proper accounting and transparency in fund utilization.

The funds are optimally utilized for activities, such as infrastructure development, teaching and non-teaching staff remuneration, library enhancements, equipment procurement, and maintenance. Key expenditure areas include academic programs, faculty development initiatives, research support, and facilities maintenance. To ensure effective resource utilization, the institution adheres to a systematic budgeting process. This is monitored by the Finance Committee, which ensures that funds are allocated based on institutional priorities and aligned with long-term development goals.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/audit-statements
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Our IQAC has played a pivotal role in institutionalizing quality assurance strategies and processes in academic and research areas. Two significant practices institutionalized as a result of IQAC initiatives are: 1. Academic Audit and 2. Promotion of Research Culture

Academic Audit:

The IQAC introduced a structured Academic Audit system to regularly assess and improve the quality of academic processes. This audit evaluates course delivery, syllabus coverage, faculty performance, and student learning outcomes. Faculty members are encouraged to adopt innovative teaching methods and integrate technology into their teaching practices. The findings of the academic audit are reviewed by the IQAC, and recommendations are implemented to enhance academic standards. This initiative has ensured continuous improvement in teaching-learning processes and

alignment with institutional goals.

Promotion of Research Culture:

To strengthen the research ecosystem, IQAC institutionalized practices, such as regular research workshops, incentives for publications, and collaborations with industry and other academic institutions. The establishment of a centralized database for tracking research output and funding opportunities has streamlined the research process. These measures have fostered a culture of innovation, resulting in increased research contributions and recognition for the institution.

Both initiatives have significantly contributed to achieving academic excellence and fostering a robust research culture in line with the institution's quality assurance goals.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/assets/pdf/iqac_minutes/IQAC%20Meeting%20and%20Report.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Our institution is dedicated to ensuring excellence in its teaching-learning processes and student outcomes through continuous review and improvement. Guided by the IQAC, structured mechanisms, such as feedback collection and targeted assessments, are implemented to enhance teaching quality and prepare students for competitive exams, such as GATE.

Example 1: Review of Teaching-Learning Processes Through Feedback

We collect student feedback in the middle and at the end of every semester for all courses, including lab sessions. This feedback helps identify areas where teaching can be improved. If a teacher gets a feedback score below 4, they are given special support. This includes microteaching sessions where they practice teaching in smaller groups, receive guidance from senior faculty, and attend training workshops. These steps help teachers improve their methods, making classes more effective and engaging for students.

Example 2: Preparing Students for Competitive Exams

To help students prepare for exams like GATE, the institution conducts Core Competence Assessment Tests (CCAT) twice every semester. These tests check how well students understand core subjects and solve problems. Based on the test results, extra training sessions are organized to strengthen weak areas. Teachers also adjust the curriculum to focus more on important topics. This initiative helps students perform better in competitive exams and prepares them for future opportunities.

File Description	Documents
Paste link for additional information	https://psgitech.ac.in/igac
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://psgitech.ac.in/reports
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

PSG iTech, through its proactive faculty, staff and student programs, will annually look into the following:

- Promoting communication with respect for human dignity and social responsibility.
- Allow the recognition of multidimensional representation of women and men.
- Promote communication that represent unbiased representations of gender equity.
- Conduct workshops that promote diversity and gender-sensitive communication for members and employees.
- A senior role in every campus whom faculty and students can reach out in matters of need related to gender-related communication.
- Monitoring and evaluation mechanisms for implementation and their follow-ups.
- Conducting regular awareness-raising activities among students and staff.
- In classes, faculty members promote working together, fair representations for leadership roles, facilitate impartial participation, gender balance in team projects when possible, promote students meeting with faculty, having open and closed sessions with faculty members of the appropriate gender for related scenarios, complaints and counselling during class hours and at hostels.
- A network of gender equality advisers facilitated by our Center for Women Empowerment and Gender Equality.
- Balanced gender quota in hiring committees
- Our student code of conduct promotes gender parity at the governance level.

File Description	Documents
Annual gender sensitization action plan	https://psgitech.ac.in/naac/agar202324/criteria7/7.1.1/7.1.1a%20Gender%20sensitization.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://psgitech.ac.in/naac/agar202324/criteria7/7.1.1/7.1.1b%20Specific%20Facilities.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy	A. 4 or All of the above
--	---------------------------------

conservation measures Solar energy
 Biogas plant Wheeling to the Grid Sensor-
 based energy conservation Use of LED bulbs/
 power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

- The entire solid waste in PSG iTech is separated into biodegradable and non-biodegradable materials, which are then recycled, composted, and used again. The girls' hostel has incinerators for disposing of napkins.
- A state-of-the-art Sewage Treatment Plant (STP) on campus treats the wastewater produced by the dorm, mess, and food court. STP has a daily treatment capacity of 5,000,000,000 liters. Toilet flushing and irrigation consume one hundred percent of treated water. Sludge that has accumulated in STP is routinely removed and allowed to dry on drying beds. The 100 kg of dry sludge is used as manure every month.
- The Institute is committed to the safe and effective management of biomedical waste to ensure environmental sustainability and compliance with legal standards.
- Small repairs in electronics items are carried out inside the institute. Major repairs that cannot be fixed or reused is delivered to Green era, an e-waste vendor.
- PSG iTech adheres to strict guidelines and best practices to handle, store, and dispose of such materials effectively. Through these measures, it ensures that hazardous chemicals and radioactive waste are managed responsibly, reducing potential risks to health and the environment, and fostering a culture of safety and sustainability on campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

- PSG iTech is deeply committed to fostering an inclusive environment that embraces cultural, social, and individual diversity. We actively promote tolerance, respect, and harmony among students and staff through various initiatives.
- To encourage cross-cultural understanding, we celebrate national and international festivals, cultural days, and events that showcase the rich diversity within our community.
- The institution unifies the students, faculty and staff members through PSG iTech cultural and religious festivals such as Onam, and Navaratri.
- Celebrating a range of cultural and religious festivals within the institution is another way to promote inclusivity. These celebrations not only educate members about different traditions but also provide a platform for people of diverse backgrounds to share their heritage, which in turn fosters unity and mutual understanding.
- The institution also conducts many cultural and technical events inside the campus that includes Annual Day (Dakshaha), Graduation Day, Technical Symposium (Yuktaha), Cultural Fest (Advaya) and Hostel Day (Samarthaha).
- Through student clubs, sports teams, and community outreach programs, we foster collaboration and mutual respect. These efforts are aimed at creating a harmonious ecosystem where diversity is celebrated and every individual feels valued and empowered to thrive.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

PSG iTech is dedicated to instilling a strong sense of constitutional values and responsibilities among its students and employees. The institution actively organizes various programs and initiatives to ensure awareness and adherence to constitutional obligations.

1. **Educational Programs and Workshops:** Regular workshops and seminars are conducted to educate students and staff about the core values enshrined in the Indian Constitution, including justice, liberty, equality, and fraternity. These sessions cover fundamental rights, duties, and responsibilities, promoting a deeper understanding of civic obligations.

2. **Observance of Important Days:** The institution observes national days such as Republic Day, Independence Day, and Constitution Day with great enthusiasm. These events feature activities like flag hoisting, speeches, and discussions that emphasize the importance of the Constitution and its role in shaping a democratic society.

3. **Awareness Campaigns:** Various campaigns are run on campus to spread awareness about constitutional rights and duties. These include poster exhibitions, essay writing competitions, and quizzes focused on constitutional themes, encouraging active participation and engagement.

4. **Legal Literacy and Civic Responsibility:** PSG iTech collaborates with legal experts to conduct legal literacy programs, enabling students and staff to understand their rights and responsibilities better. This initiative empowers individuals to act responsibly within the framework of the law.

5. **Inclusive Policies and Practices:** The institution ensures that its policies and practices reflect constitutional values by promoting inclusivity, equality, and respect for diversity. This

is evident in its efforts to create a supportive environment for all members of the community.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://psgitech.ac.in/naac/agar202324/criteria7/7.1.9/7.1.9%20events.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

At our institution, we believe in fostering a sense of unity, cultural awareness, and global citizenship among our students and staff. In alignment with this vision, we actively celebrate and organize national and international commemorative days, events, and festivals. These celebrations not only uphold the values of inclusivity and diversity but also provide a platform for holistic

development and community engagement.

We take pride in celebrating India's rich cultural heritage and history by observing national festivals such as Republic Day, Independence Day. These events are marked with flag hoisting ceremonies, cultural programs, and inspiring speeches that instill patriotism and civic responsibility among students. Festivals like Holi, Pongal, Onam are also celebrated with enthusiasm, fostering respect for different cultures and traditions.

Our institution actively participates in globally recognized days such as International Yoga Day, International Women's Day. These events are designed to raise awareness about critical global issues and inspire action. Activities include expert talks, workshops, awareness campaigns, and student-led initiatives that promote sustainable practices and global harmony.

To enhance academic engagement, we organize commemorative events such as Science Day, Teachers' Day, Engineers' Day. These events provide opportunities for students to showcase their talents through quizzes, debates, and project presentations.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

7.2 BEST PRACTICES

Microteaching for Effective Teaching and Learning

- Microteaching is one of the semester wise conducted practices that is conducted to enable the faculty members get expert advice on their teaching method.
- It empowers the faculty members with confidence and

suggestions to make the classes more attentive before starting of semester.

- It helps the faculty members to identify their weak points and make them confident to deliver their lectures.
- It enhances the quality of teaching by integrating various pedagogical methods with the support of an expert panel.
- It helps in preparation of the required resources to demonstrate laboratory experiments.
- Microteaching serves as a pilot session for faculty members to explore and experiment with innovative approaches to teaching in the presence of expert teachers as millennials find the traditional chalk-and-talk method a monotonous one.

Industry-Academia Conclave as an Initiative for Symbiotic Growth

- Industry Academia Conclave (IAC) is an initiative to understand and plan various activities that engage the faculty members, industry experts, and students to work collaboratively with the help of the state-of-the-art-technologies.
- It helps to bridge the gap that exists between academia and industry and addresses the challenges faced in mutual sharing of knowledge and resources.

File Description	Documents
Best practices in the Institutional website	https://psgitech.ac.in/naac/aqar202324/criteria7/7.2.1/7.2%20Abstract.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

PSG iTech's Transdisciplinary Research and Interdisciplinary Academia (TRIA) initiative is focused on conducting impactful research to benefit society. By collaborating with industries, TRIA identifies and addresses global challenges, particularly in agriculture and industry.

Recently, faculty members of PSG iTech received funding for the projects in the areas of biomedical engineering, IoT based sensor for waste monitoring and Membrane fuel cell from Government funding agency. PSG iTech's research centers, such as the Research Centre for Waste Valorization, Polymer Engineering Laboratory, and Nano-Crystal Design & Application Lab (NCDAL), bring together engineers and scientists to develop innovative solutions. The Research Centre for Waste Valorization addresses critical issues like stubble burning, foundry waste, and toilet waste management, implementing circular economy principles to create value from waste. The Polymer Engineering Laboratory develops advanced polymeric materials for high-performance engineering applications. NCDAL focuses on designing and synthesizing nanoparticles for various applications.

PSG iTech's Interdisciplinary Academia provides a comprehensive learning experience for students. TRIA fosters interdisciplinary collaboration, empowering students to develop 21st-century skills. Through events like the Annual Industry-Academia Conclave and Smart India Hackathon, students connect with industry experts and peers, preparing them to address real-world challenges.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

7.3.2 - Plan of action for the next academic year

- To consistently provide a supportive and nurturing learning environment that fosters the holistic development of students, faculty, and supporting staff.
- To organize the events in the institute to sensitize the constitutional obligations and responsibilities of citizens.
- To promote inclusive environment by organizing programs and

activities that benefit the community and other stakeholder

- MOU with foreign universities - setting Global classrooms practices, extend internship opportunities
- To promote faculty and student exchange programs and foster linkages with other international academic institutions.
- To achieve recognition as a degree-awarding university.
- To foster an entrepreneurial culture within PSGiTech with the aim to support and encourage iTech students to establish start-ups directly on campus.
- To organize intercollegiate events like debates, Ted Talks, literary fests, sports competition to boost up social interaction and co-curricular activities among students.
- Support the implementation of every Sustainable Development Goals, through teaching and learning , research and organizational governance.
- Improve research synergies with Industry collaborations
- Provide enormous training to the students and make them ready to grab the offer minimum 50L to 1 Cr.
- To conduct more International and state level events under Professional societies .
- Upskilling programs can be arranged for Government school students with student volunteers.
- Organize programs for Health, Hygiene, safety and women empowerment for local villages