



# **YEARLY STATUS REPORT - 2021-2022**

## **Part A**

### **Data of the Institution**

<b>1.Name of the Institution</b>	<b>PSG College of Technology</b>
• Name of the Head of the institution	<b>Dr. K. PRAKASAN</b>
• Designation	<b>PRINCIPAL</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>04222572177</b>
• Alternate phone No.	<b>04222572477</b>
• Mobile No. (Principal)	<b>9952756485</b>
• Registered e-mail ID (Principal)	<b>principal@psgtech.edu</b>
• Address	<b>POSTBOX NO. 1611, AVINASHI ROAD, PEELAMEDU, COIMBATORE - 641004</b>
• City/Town	<b>COIMBATORE</b>
• State/UT	<b>TAMILNADU</b>
• Pin Code	<b>641004</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>25/02/1978</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>

- Financial Status **Grants-in aid**
- Name of the IQAC Co-ordinator/Director **Dr. A. CHITRA**
- Phone No. **04222572177**
- Mobile No: **9843222273**
- IQAC e-mail ID **coordinator.iqac@psgtech.ac.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://www.psgtech.edu/NAAC/aqar ne.php>

**4. Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.psgtech.edu/calendar.php>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.24</b>	<b>2019</b>	<b>28/03/2019</b>	<b>27/03/2024</b>

**6. Date of Establishment of IQAC** **18/07/2017**

**7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>NIL</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**8. Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

**9. No. of IQAC meetings held during the year** **3**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken **Yes**

uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

**10. Did IQAC receive funding from any 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)**

Development of coding practice through coding club by conducting various coding events.

Interdisciplinary Project Ideas submission call (for seed funding) through Institution Innovation Council.

Provision for Turnitin Plagiarism check for faculty members for publishing journal paper/article/book chapters through PSG Publication Support Cell.

Energy, Environment and Green Audit conducted to identify the areas to conserve electrical energy.

**12. Plan of action chalked out by IQAC at 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 style="text-align: center;"><b>Academic Audit</b></p>	<p>Academic Audit was completed and evaluation report submitted to the management. Feedback and suggested areas to improve was given by the academic audit.</p>
<p style="text-align: center;"><b>Coaching class for competitive exams</b></p>	<p>Students and Faculty Members registered for GATE 2022 Exam. No of students attended GATE 2022: 180 No of students qualified in GATE 2022: 50 No of Faculty Members attended GATE 2022: 40 No of Faculty members qualified in GATE 2022: 09 No of Faculty Members attended NET 2022: 20 No of Faculty members qualified in NET 2022: 05</p>
<p style="text-align: center;"><b>Interim Feedback</b></p>	<p>To improve teaching learning process, the college initiated to have Interim feedback. It is done through students login portal and faculty can view the Interim Feedback. Based on feedback necessary action had been taken to improve the teaching learning process.</p>
<p style="text-align: center;"><b>Research Publication Support</b></p>	<p>To improve quality of publication and support faculty members for publishing the papers in National/ International conference, National/International Journals and Book chapters PSG publication support cell provides guidance. The Plagiarism check for those papers were made available in library by using Turnitin software. The faculty publications were consistently improved through PSG Publication Support Cell.</p>

**13. Was the AQAR placed before the statutory body?** **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
<b>Governing Council</b>	<b>27/12/2022</b>

**14. Was the institutional data submitted to AISHE ?** **Yes**

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	PSG College of Technology
• Name of the Head of the institution	Dr. K. PRAKASAN
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04222572177
• Alternate phone No.	04222572477
• Mobile No. (Principal)	9952756485
• Registered e-mail ID (Principal)	principal@psgtech.edu
• Address	POSTBOX NO. 1611, AVINASHI ROAD, PEELAMEDU, COIMBATORE - 641004
• City/Town	COIMBATORE
• State/UT	TAMILNADU
• Pin Code	641004
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	25/02/1978
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Grants-in aid
• Name of the IQAC Co-ordinator/Director	Dr. A. CHITRA

• Phone No.	04222572177				
• Mobile No:	9843222273				
• IQAC e-mail ID	coordinator.iqac@psgtech.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.psgtech.edu/NAAC/aqar.php">https://www.psgtech.edu/NAAC/aqar.php</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.psgtech.edu/calendar.php">https://www.psgtech.edu/calendar.php</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.24	2019	28/03/2019	27/03/2024
<b>6.Date of Establishment of IQAC</b>			18/07/2017		
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NIL	Nil	Nil	Nil	Nil	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	3				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes				

<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	No
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
Development of coding practice through coding club by conducting various coding events.	
Interdisciplinary Project Ideas submission call (for seed funding) through Institution Innovation Council.	
Provision for Turnitin Plagiarism check for faculty members for publishing journal paper/article/book chapters through PSG Publication Support Cell.	
Energy, Environment and Green Audit conducted to identify the areas to conserve electrical energy.	
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>	
Plan of Action	Achievements/Outcomes
Academic Audit	Academic Audit was completed and evaluation report submitted to the management. Feedback and suggested areas to improve was given by the academic audit.
Coaching class for competitive exams	Students and Faculty Members registered for GATE 2022 Exam. No of students attended GATE 2022: 180 No of students qualified in GATE 2022: 50 No of Faculty Members attended GATE 2022: 40 No of Faculty members qualified in GATE 2022: 09 No of Faculty Members attended NET 2022: 20 No of Faculty members qualified in NET 2022: 05



Interim Feedback	To improve teaching learning process, the college initiated to have Interim feedback. It is done through students login portal and faculty can view the Interim Feedback. Based on feedback necessary action had been taken to improve the teaching learning process.
Research Publication Support	To improve quality of publication and support faculty members for publishing the papers in National/ International conference, National/International Journals and Book chapters PSG publication support cell provides guidance. The Plagiarism check for those papers were made available in library by using Turnitin software. The faculty publications were consistently improved through PSG Publication Support Cell.
<b>13. Was the AQAR placed before the statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
Governing Council	27/12/2022
<b>14. Was the institutional data submitted to AISHE ?</b>	Yes
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2022	11/02/2022

**15.Multidisciplinary / interdisciplinary**

NEP has provided a chance to revamp the entire education system in order to make higher education more significant and relevant. As PSG TECH is Autonomous, the curriculum is multidisciplinary with a vision to equip the students with an overall knowledge on allied fields apart from their core subjects.

Students who are interested in other disciplines can register and take professional elective courses, in order to graduate with multiple disciplinary skill set. Humanities, science and mathematics are an integral part of the engineering courses and courses in Physics, Chemistry, Mathematics and English are taught in the first four semesters. In addition, beginning in the second year, the curriculum includes the course on human values and ethics as a mandatory course. In order to give students a wider exposure and deeper understanding of other disciplines, invited talks, conferences, and seminars, talks are organised by the departments.

The college boasts of a very active and vibrant NSS and NCC club, through which the college adopts villages for social services. Services include the distribution of necessary accessories to orphanages and nursing homes, blood donation camps, educating women on health and hygiene, and so on. Students work on community engagement and social service projects during their semester breaks. This exposes students to real-world challenges, allowing them to collect data, analyse and propose solutions. As a result, multifarious skills such as soft skills, leadership qualities, team spirit, entrepreneurial capabilities and societal commitment are instilled. The project completion is credited as a part of their AICTE Activity point program .As per the present curriculum structure, students take admission in the 1st year and in 2nd year (lateral entry) and finally complete the course at the end of 4th year. The College is yet to plan the flexible structure as it is awaiting guidance from the affiliating University and the Director of Technical Education, Tamilnadu for the implementation.

PSG College of Technology has an Innovation cell named Institution Innovation Council (IIC), where UG/PG and Ph.D. students work with faculty to find solutions to society's pressing issues and challenges. Many interdisciplinary international conferences have been organised by College to

promote the blending of different disciplines, resulting in the exchange of research ideas and knowledge on overlapping domain topics.

#### **16.Academic bank of credits (ABC):**

The College is completely prepared to implement Academic Bank of Credits framework. The college already has a Learning Management System (LMS- ecampus) in place where all student information is entered, including details about internal assessments, attendance, continuous internal evaluations, and examination-related information. This information is then synced with student portals (studzone) so that all student-related data can be accessed easily. As a result, the college is equipped with all necessary resources to implement an academic bank of credits.

The college is a registered member of the Academic Bank of Credits.

The college has signed Memoranda of Understanding (MOU) with many global universities, including the University of South Australia, University of New South Wales, University of Taylors Engineering and University of Flinders-Australia, University of HoF Applied Sciences and University Hochschule Esslingen of Applied Sciences - Germany, University of Colorado State, USA, Glasgow Caledonian University (GCU) and the University of Leeds, in the United Kingdom. In order to advance the internationalisation of education, the college provides numerous opportunities for students. Students can study abroad for a semester or attend summer schools. Joint degree programmes between Indian and international institutions are also being planned.

As PSG Tech is autonomous, the curriculum is constantly updated to prepare students for employment in industry and higher education institutions. In accordance with the guidelines provided, faculties have autonomy to create their own syllabi and submit them for review by appropriate statutory bodies.

The curriculum is framed based on the Institution's Mission and Vision, the Department's Mission and Vision, and its Program

Specific Outcomes (PSOs) and Program Outcomes (POs). In accordance with the POs/PSOs, the course learning outcomes (CO) are formulated after which the syllabi is framed. Departmental Advisory Committee of the concerned Department discusses revision or development of new curriculum, and the committee assigns selected faculty members for revising or preparing new curriculum. The concerned faculty members design the curriculum based on the feedback received from various stakeholders incorporating the Programme outcome/course outcome, a list of textbooks and reference books. For a learner-centric approach, faculty utilise blended mode of learning. In addition to the traditional method, the use of Google Classroom to provide lecture notes and assignments has improved teaching and learning.

In order to support the students in achieving their potential, faculty are also actively involved in the creation of online content, such as text documents, instructional videos, and videos demonstrating laboratory experiments.

The College already has the following in place i) Choice Based Credit System for all programmes ii) Credit structure for all courses. iii) Credit Transfer Policy iv) Diverse and wide choice of electives and (iv) Self Directed Learning. For both undergraduate and graduate programmes, the college offers a variety of elective papers, and students are free to select the courses that best suit their needs. This is a preliminary step the college has taken to achieve its larger objective of putting the Academic bank of credits into place.

#### **17.Skill development:**

The curriculum includes a course on soft skills development, and additionally workshops and seminars are organized frequently to help students learn and hone skills like self-awareness, empathy, interpersonal relationships, conflict management, and time management. In their first year of study, students are given hands-on training in basic hands-on engineering skills like carpentry, electrical wiring, metrology, etc. that are graded in accordance with industry needs. The institution's clubs and associations host events to develop advanced skill sets in areas like, IOT, and data analytics etc.,. As a result, the overall skill levels of the students are in line with those specified by the NSQF at various levels. Critical life-skill modules such as general and industrial safety, fire-fighting, and basic first aid are covered as part of the technical skills training with practical demonstrations of methods and equipment by qualified

and trained professionals.

For the purpose of enhancing instruction and exposing students to the cutting edge of knowledge and application, all departments organize extracurricular programmes. Students also earn skill-based certification as part of this graded initiative by taking MOOCs courses through NPTEL and Coursera. Students can register for courses, which enables them to accumulate required credits in their "credit bank," which will help them during their placement.

The institution has well-equipped labs where students get trained and participate in hackathons for corporate experience. In addition, participation in internship training is encouraged for students in each programme during their academic career. Students complete internships in various research institutions and industries where they learn about the techniques, abilities, and applications. Projects and dissertations are required components for students to improve their skills. Each department provides "Value Added" courses which are skill based. These classes are designed to give students the chance to learn cutting-edge information and skills.

The college celebrates National holidays such as like Independence Day and Republic Day. Various programmes such as World Aids Day and Environment Day are also observed which aid in instilling good qualities in students. In order to help students make the most of their education and give them the opportunity to explore potential career paths after graduation, the institution also employs the practise of mentoring students.

Future plans call for structuring skill-based training to be delivered in a range of methods, such as online, blended, on-campus, or through e-learning, and dispersed across various modules.

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

Indian languages are not currently integrated into the curriculum. Paathshala - The Hindi Club of PSG College of Technology is one of the college's clubs in which students can participate. This club assists fellow students in learning, understanding, and speaking Hindi. Paathshala holds two certified workshops each semester, one for beginners and one for advanced students. These workshops are designed to help students develop, nurture, and improve their reading, writing, and communication

skills. Learning Hindi gives students an advantage in interview process and furthering their education.

Since all of the students at PSG College of Technology are from different states in India, English is used as the language of instruction because it is widely understood by all of the students. None of the courses are taught in a bilingual manner. Festivals have the potential to unite the nation because they bring people together. Students gain knowledge of the different traditions and practises of other religions. Iftar, Pongal, and Onam are all celebrated on campus in an effort to raise awareness of the aforementioned celebrations.

The affiliating university intends to offer two-credit courses on Tamil heritage to encourage local knowledge, culture, and heritage among engineering students. These courses are planned to be offered in the first and second semesters of the programme

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

Outcome based education is being practiced in the college in the past two decades. Earlier, programme outcomes (POs) were framed for UG/PG programmes by the departments themselves. After 2014 onwards, the POs specified by NBA for both UG/PG programmes in Engineering, Technology and Management is being followed. In addition, Programme Specific Outcomes (PSOs) were also framed for each UG/PG programmes separately by the respective departments. These POs and PSOs are the basis of the design of courses, framing of curriculum, pedagogy of teaching and learning. Based on the requirement of attainment of POs and PSOs courses to be offered for a particular programme are finalized based on programme articulation matrix. For each such course, course outcomes are framed based on course articulation matrix. For meeting the course outcome attainment requirements, the syllabus for the individual courses is framed. The assessment and evaluation pattern for each course is also designed in such as to measure the attainment of course outcomes/programme outcomes quantitatively. After the completion of a semester, programme assessment committee meeting is organized in the departments to assess the attainment of course outcomes. After a batch of students passed out from a particular programme, the attainment of POs is assessed using course outcomes using course and

programme articulation matrices. The attainment of POs is also assessed through the demonstration of such attainment by the students themselves in terms of on campus placement statistics of the students.

The assessment and evaluation scheme for each and every programme is designed to measure the attainment of course and programme outcomes. The question paper patterns and the questions themselves for both continuous assessments (CA) and the end semester examinations are designed in such a way that they can measure the attainment of outcomes quantitatively. Different types are assessments like MCQs, surprise quizzes, tutorials, open book tests, proctored tests, assignment presentations etc. are followed to capture the outcomes.

Special training programmes are organized to all the newly joined faculty members on the importance of Outcome based education and the pedagogy followed in the college towards outcome based education. Further, the attainments of POs/PSOs are not only assessed through the courses, special emphasize is placed towards demonstration of such attainment by the students themselves through the strengthening of on-campus placement drives, introduction of special courses and training programmes to increase the on-campus placements.

## **20.Distance education/online education:**

Engineering courses are not being offered via distance education, and as a result, there are no provisions at the college.

During Covid years, all classes were conducted online. On campus, a blended mode of teaching and learning is being implemented. In order to develop and deliver the entire teaching and learning process in an online environment in addition to offline teaching and interaction, the college has subscribed to both Google Suite, which includes all Google tools like Google Meet, Jamboard, Google Classroom, and Google Calendar, and Microsoft Teams.

## **Extended Profile**

### **1.Programme**

1.1

61

Number of programmes offered during the year:



File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 2.Student

2.1 7785

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 2197

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 7897

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 3.Academic

3.1 2130

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 585

Number of full-time teachers during the year:



## Extended Profile

### 1. Programme

1.1 **61**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1 **7785**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 **2197**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 **7897**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1 **2130**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	585
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	614
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	101
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	193
Total number of Classrooms and Seminar halls	
4.3	5953
Total number of computers on campus for academic purposes	
4.4	2393.36
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

PSG College of Technology is an autonomous college affiliated to Anna University, Chennai. The design and implementation of the curricula is done based on guidelines given by regulatory bodies like Anna University, UGC and AICTE. The graduating students need to be strong in fundamentals of their respective programmes and also update their knowledge and skill based on the continuous changes that are happening in the industries.

Consequently, the curricula development and revision needs input from industrial experts, reputed alumni, academicians from reputed institutions and our faculty members. Hence, they are nominated as members in academic statutory bodies like Programme Advisory Committee and Boards of Studies at the department level and Academic Council at the institution level which meets twice in an academic year. The curricula are developed / updated based on the discussion during the meetings. Owing to the significance of courses like modeling and simulation, virtual reality, data analytics, cyber physical systems, artificial intelligence in various domains some engineering boards have recommended these courses to be included as elective courses. The demand for human resource in Artificial Intelligence and Machine Learning has resulted in the introduction of BE CSE (AI & ML) during the academic year 2022-2023.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

194

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

67

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

61

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The first semester of the UG programmes start with a three weeks

Induction Programme. The significance of themes pertaining to Human Values, Gender Equivalence, Professional Ethics, Clean Environment and Sustainable Development are dealt with during the induction programme. Faculty members from various departments who have attended FDPs in Universal Human Values conducted by AICTE handle sessions on Human values and ethics. As per AICTE norms, activity point programme is included in the curriculum of all the UG programmes from second to sixth semester. A course on Environmental Science is offered to the students during third semester. In this course, the students are sensitized about methods and means to save our environment and also strategies and ideas to progress towards sustainable development. A course in Indian Constitution is also offered to all the UG programmes during 4th semester. This course will help/guide the students to take ethical decisions in issues that are connected to the relevant programme and society. As per UNOs mandate a course on Sustainable Development Goals (SDG) is offered for all the ME/MTech. It has been recommended by various boards of studies to offer value added courses like Intellectual properties and ethics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

19

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

829

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects**

1760

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php">https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.4.2 - The feedback system of the Institution comprises the following**

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php">https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php</a>
Any additional information	No File Uploaded

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

1859

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

1656

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The College identifies learners as slow and advanced learners based on components like Assignments, Seminars, Group Discussions, academic progress and attendance. The slow learners are helped in their preparation by continuous monitoring and by providing feedbacks. Additional teaching hours and remedial classes are conducted to assist the weak students. From third semester onwards, the student has the option to drop a maximum of two theory courses or to study two additional theory courses excluding Professional Core course in a semester. The students

are motivated to submit research papers to peer reviewed journals. Students are encouraged to participate in various hackathons and given opportunities to work on various interdisciplinary projects to develop their innovation through the Institute Innovation Council (IIC). MOOC Courses - Swayam, Coursera, and others like AWS, CISCO are recommended for the fast and advanced learners. Students can also opt for one credit industry oriented courses of 15 hours duration which will be offered by experts from industry / other institution on specialized topics related to their branch of study. Fast learners are provided an opportunity to visit and do internship at other institutions through semester exchange programmes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	7785	585

File Description	Documents
Upload any additional information	No File Uploaded

## 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:

The institution believes in student-centric approaches to enhance student involvement in participatory learning and problem-solving methodologies to cultivate habits that promote a lifelong learning. The institute supports students to earn prescribed number of activity points during their 2nd to 6th semesters by allowing students to flexibly choose a relevant techno-economic-societal activity to their liking to earn activity points, which provides a participative learning experience. Mini Projects, Summer Internships and Main Projects provide experiential learning. Departments organize industrial visits for students to expose them to work culture and



understand the actual job settings in industry. Learning by doing is critical for deep understanding of subjects which is a part of Laboratory experiential learning. Faculty members take efforts to expose students to as many laboratories as possible. Care is taken to combine theory with its corresponding lab during a particular semester to enhance understanding. Students participate in mega events like Hackathons to gain real-world experience and improve problem-solving skills. The Coding club in the institute provides a learning platform to the students to crack hackathons organized by premier institutes. Innovation Practice Lab is a part of the curriculum and requires the students to develop an intermediate or final product from the base.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

PSG Teachers and Students use ICT-enabled tools in teaching learning process. Intranet, internet, Wifi connectivity is enabled to all the faculty members and student to ease their day to day activities.

Students are availed with various licensed software to enhance their learning ability. MOODLE, Google Classroom, Socrative, Google Forms, and the Nucleus Platform (In-house developed) are used to manage the teaching learning process. Google Classroom is used for uploading course materials and video lectures created by faculty members. PSG Library's e-resources are available 24/7 and thus are accessed by all Instructors and students.

Every instructor upload their student's attendance, internal assessment, tutorial and assignment presentation scores in the web portal, along with feedback on the course and class they taught (<http://academicbcs.psgtech.ac.in/>). Students are provided with e-campus portal where they can access their academic information, student feedback etc., (<https://ecampus.psgtech.ac.in/studzone2/>). Intermediate feedback is also received from students for course corrections.

General ICT tools like Desktop, laptops, projectors, digital cameras, printers, photocopiers, tablets, pen tables, pen drives scanners, microphones, interactive white board, DVDs, CDs, Flash discs etc., are provided to all the instructors and individual departments. Students are engaged by surprise quizzes, presentations, using ICT tools.

#### Nucleus

<https://nucleus.amcspsgtech.in/login>

#### Moodle

<https://moodle.amcspsgtech.in/>

#### E Resources

<http://events.psgtech.edu/library/>

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://moodle.amcspsgtech.in/login/index.php">https://moodle.amcspsgtech.in/login/index.php</a>
Upload any additional information	No File Uploaded

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

178

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Academic calendar is prepared for the two semesters of the academic year considering a duration is 16 weeks per semester for teaching, learning and assessments. The assessments include

tests, assignments / presentations. The Academic calendar is prepared well in advance at the end of the even semester of the previous academic year and the same is made available to the faculty members, the students and on the official college website. It is prepared after receiving the inputs from Academic section, Controller of Examinations, Students Union, Clubs and Societies for effective utilization of resources, planning for the institution level events, graduation day and other important events in Dean Academic office.

Faculty are instructed to prepare a detailed course plan for the subjects to be taught by them at the beginning of the semester containing weekly/hourly teaching contents, tutorials / assignments/ presentations/ quizzes planned to conduct. The course plan so prepared by the faculty members is reviewed by the Head of the Department and the same is made available to the students through the college website. Periodic class committee meetings with the course handling faculty members, selected students, mentors and HOD are conducted to review on the teaching and learning process.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

585

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

338

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

7561

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	No File Uploaded

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

106

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

913

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

#### Question Paper Pattern:

The question paper pattern is reverted back to descriptive type from MCQ type to enable the students to exhibit their knowledge in different ways.

#### Exam Time:

The time between 08.57 am to 09.00 am / 01.57 pm to 02.00 pm is used for checking any material written on the backside of the calculator and data books/tables brought by the candidates before giving question paper.

- Processes/Procedures integrating IT

#### Grading System:

The grading software provided by Anna University is implemented for award of grades for theory courses under relative grading in order to benchmark the grading process.

The weightage of marks for final exam and internal exams was changed to 60:40 for theory courses and 40:60 for laboratory courses. The criteria for passing was changed to 45/50 from 50/50 i.e., the student has to secure atleast 45 percent of marks in the final exam and 50% of marks from both internal marks and final exam marks put together.

- Continuous Internal Assessment System

#### Flexible Time Table:

In order to allow the final year students to attend placements,

the continuous assessment test time table for the final year students were changed from a rigid format in which the tests are conducted in centralised manner to a flexible format in which the concerned departments can conduct the tests at preferred time and place within the given time period after getting approval.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

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

### 1. Preparation of Programme Outcomes and Course Outcomes:

All programmes offered by the institution have vision and mission in line with the institutions vision and mission considering the local, regional, national and global development and sustainable needs and providing service to the society. Program Educational Objectives (PEO), Program Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes(CO) of the all programmes are prepared, reviewed, analysed and modified as per the feedback from all stake holders and suggestions from academic and industry experts through department faculty meeting, Program Advisory Committee meeting and Board of studies meetings. Alumini meet, senior alumini reunions and interactions provide state of art advancements for the curriculum development.

### 1. Methods of dissemination of PO and CO:

PEO, PO ,PSO and CO are clearly specified and published through following manner :

- Can be accessed through Institute's website
- Department display and notice boards

- Through Orientation programmes and Tutor ward meetings.
- Course plan
- ISO documents
- Institution web link entry.

The significance of learning outcomes will be highlighted to the instructors during the Department meeting. The course outcomes, in general, focus on the student's readiness for placements, higher education, research, entrepreneurship, and competitive examinations.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	Nil

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

PSG Tech has implemented an outcome-based education system to ensure that CO and PO are met. The objective and outcomes are effectively mapped for student testing and evaluation, ensuring that PSO are achieved through competency mapping in terms of knowledge and skills. Learning Outcomes of the student are assessed through Continuous internal assessment (CIA) and Semester End examination (SEE). Data are collected from test, assignment presentation, tutorial and SEE.

Direct Assessment methods includes :

- Continuous Internal Evaluation -Test I,II,III
- Assignment presentation
- Assessment tutorial
- Objective test

- Laboratory performance assessment -pre and post lab test, viva voce, test etc.,
- Internship/innovation practice/Industry visit student team presentation
- Semester End examination

Indirect Assessment methods includes :

- Course exit survey
- Student feedback
- Alumni survey
- Employer survey
- Co-curricular activities
- Extracurricular activities

The programme outcomes are evaluated and the PO attainment level is determined. The institution also tries to attain the course outcomes and program outcomes by conducting the activities such as cultural activities, N.S.S, Career Counselling, Personality Development Program, and Communication Skills, Guest Lectures, Health Awareness Programs etc., In outcome-based education, a feedback system and intermediate feedback is employed to improve the teaching-learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

2186



File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

## 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://www.psgtech.edu/NAAC/criteria 2/criteria 2.7.1 2021-22.php>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy of PSG College of Technology aims to create and support a research culture among its teachers and students and leverage it for enriching and enhancing professional competence, scientific temper and research attitudes of all its learners leading to the realization of the institute's vision and mission.

A Research Council has been established at the institute level to discuss emerging research trends in various domains of engineering and to promote interdisciplinary research. The Council aims to encourage an active and vibrant research culture in PSG and to establish additional research facilities to promote multidisciplinary research across its departments and subsequently elevate research work across PSG institutions. A Research Advisory Committee (RAC) has been established consisting of external mentors from government scientific bodies, visiting professors and experts from India and abroad to devise strategic plans. Faculty members are encouraged to get engaged in industrial consultancy and research. Financial support is provided to faculty from supporting their initial

activities of research upto filing patents. To inculcate research in the minds of students, a Student Research Council (SRC) is established with an objective of using the knowledge gained by students through their course and unconventional thinking in creating innovations.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.psgtech.edu/research_index.php">https://www.psgtech.edu/research_index.php</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.231

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

540.047

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

44

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

201

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

13

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution's Innovation Council (IIC) is an innovation promotion ecosystem to promote innovation and entrepreneurship. IIC thrives to develop indigenous and sustainable solutions for addressing the societal needs and to translate the technologies developed to reach out to the public as products, processes and services. IIC supports staff, students, alumni, faculty and R&D partners.

#### Vision

To establish a vibrant innovation and entrepreneurship ecosystem to develop indigenous and sustainable solutions for addressing the societal needs

#### Long Term Objectives

- To establish an innovation hub with world class pre-incubation facilities in collaboration with government

funding agencies and ecosystem enablers

- To facilitate good number of technology transfers, technology licensing and commercialization of technologies
- To incubate successful student startups and business ventures
- To promote resources in innovation and entrepreneurship to improve the Atal Ranking of the Institution

#### Short Term Objectives

- To organize boot camps and hackathons at least twice a year
- To encourage faculty to participate in workshops and training programmes on innovations, entrepreneurship, IPR and venture development
- To develop a performance matrix to assess the contributions of faculty towards innovation and entrepreneurship and incentivize / reward the top performers on annual basis
- To connect academic processes with innovation and entrepreneurship

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

30

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through**

**B. Any 3 of the above**

**the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

**82**

File Description	Documents
URL to the research page on HEI website	<a href="https://www.psgtech.edu/research_index.php">https://www.psgtech.edu/research_index.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year**

**1.3932**

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.22

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

1355

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

15

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

10.12

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Nil

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Ideas for developing rural villages are being gathered by National Service Scheme PSG TECH and Unnat Bharat Abhiyan. Renewable Energy, Solid Waste Management, Rural Education, and Rural Upliftment were the basic topics of IDEACON, where about 90 teams participated and expressed their ideas. The event "Yours 'Right'fully" was organized to test the students' knowledge on basic human rights and spread awareness on the importance of Human Rights Day, in which 40+ students took part. With around 200+ volunteers, a 7 day special camp "KANAL" was conducted at 5 adopted villages of NSS PSGTECH. More than 100



volunteers actively participated in the orphanage camp and did a good deed by serving humanity. About 100 volunteers took part in the temple cleaning camp at Sulur. A study camp "Walking with River Noyyal" was arranged to witness and learn about the real transformation of the Noyyal river. A rally, with about 110 volunteers, was held to create awareness about the environment. With the motto of Each one, Plant one, 365 students, successfully planted 365 saplings through the initiative called "ECOSTREAK". In total, the National Service Scheme of PSG College of Technology impacted 1500+ participants through several initiatives during the academic year 2021-2022.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

27

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

143

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the

year

12003

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1014

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

20

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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 equipments, etc.

PSG College of Technology is spread over 47.04 acre of land, in the heart of Coimbatore City. The students enrolled in the institution receive excellent learning experience, majorly

attributed to the adequate infrastructural facility and the provision of good ambience for learning. Ceiling fans, Chalk Board, digital writing pads, LCD projector & screen with audio equipments and comfortable furniture are fitted in the class rooms. Smart boards are fixed in selected rooms to enhance the attentiveness of the students. Around 89 Class rooms are equipped with computers and 100 Mbps internet facilities. Wi-Fi facility is available in reading areas and in the hostel. State of the art laboratories are available in all the departments to impart hands on training to the students. Several Centre of Excellences are supported by renowned industries, to enhance technical skillsets of the students and to prepare industry ready students. Seminar halls (3174 m<sup>2</sup>) & Auditorium (1264 m<sup>2</sup>) with ICT facilities are available for knowledge sharing, placement trainings, alumni interactions, and skill development activities. 5953 computers are used in teaching learning process. Simulation Software for laboratories and R&D activities are supported by powerful server with high-speed network. Knimbus digital library provides remote access to e-Library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**The Department of Physical Education:**

**Land area: 5 acre**

**Headed by the physical director.**

**Outdoor sports facility**

- an athletic ground,
- a football and hockey field
- an indoor stadium with two basketball courts, two handball courts, three synthetic tennis courts, four volleyball courts, one throwball court, two ball badminton courts, two Sepaktakraw courts, two tennikoit courts, one Kho-Kho court, cricket pitches.

**Indoor sports facility**

- Games hall and a gymnasium.
- Open-air stadium (500-seater).

**Annual activities:**

- Intramural tournaments
- Training by invited eminent coaches.
- Sports activities separately for boys and girls.
- Events for differently abled students.
- State and National level basketball and handball tournaments,
- Sepaktakraw tournament
- Hockey league

The Institution conducts yoga sessions periodically for staff and students and has a yoga hall and open-air facility for practicing.

There are 24 clubs running under Students Union of our college, headed by a faculty advisor. Extra-curricular and cultural activities are organised in the College's Assembly halls, Conference Halls and Quadrangle. Intrams, an intra collegiate cultural activity and Kriya, an intercollegiate event is organised by the students' union. Independence Day, Republic Day and Teachers' Day are celebrated with grandeur. Every year, 'Tech Day', is conducted to recognize the students' excellency in academics and extracurricular events.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities**

113

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

2393.36

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

PSG Integrated Library Management System (PSG-ILMS) 5.0 is fully automated with the configuration of Microsoft Framework 1.1. Web OPAC is functioning with the configuration of Microsoft Framework 4.5. Advancement of Information technology shifts the In-house library management software from SYBASE to Windows 8 platform for the ease library operations. This In-house ILMS have the modules for Acquisition, Circulation, OPAC, E-Gate, Serial Control and Reports. Our in-house PSG -ILMS has unique modules for Book Exhibition and Stock Verification. Students can search the resources through OPAC campus wide access which enables the users to search the Main library collections, Department library collections as well as the E-Resource Collections. It also facilitates the students to do book recommendations, Feedback and suggestions and new arrivals notification. All types of E-Resources links are integrated in the OPAC Homepage which facilitates the users to access through IP from their desktop itself. Integrated Library management Software has the following modules for various library operations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**38.66**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**370**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

### Networking Solutions

During November 2017, the Network was upgraded to three tier topology architecture from 10 Mbps to 10 Gbps connectivity. It was segregated with multiple Virtual LAN Network for Wired, Wireless and Server farm network access.

### Data Centre

Virtual servers have been set up using high end servers and storage hardware with VMware and vSphere. This facility was established during March 2019, with a cost of Rs 1.5 Crore.

### In-house Maintenance Cells

An online ticket tracking system was introduced where the staff members of Computer Maintenance Cell, Network Maintenance Cell and various other cells will rectify the problems faced by the end users immediately

### Internet

Around 70 websites have been designed, developed and maintained in-house.

### Content Management System

The Website of PSG College of Technology was made dynamic by building a content management system which enables each faculty to update their profile.

### Online Tools

During the pandemic period, the following online platforms such as Google suite, Microsoft teams, Cisco WEBEX and LMS tool MOODLE are being used for handling online classes for all Programmes from July 2020 to till date.

### Security Assessment

Security Assessment Audit was done by M/s. Cosmogenic IT

Solutions Pvt Ltd, Coimbatore during February 17th, 2021

### Services Provided

The IT infrastructure provides support for the students and staff for all their academic and research related activities and remote access of Library resources and e-journals efficiently.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7785	5953

File Description	Documents
Upload any additional information	No File Uploaded

### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 4.3.4 - Institution has facilities for e-content development:

B. Any three of the above

Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

2393.36

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

The separate system is available for maintaining electrical equipment's, Buildings, Computers Electronic Equipment's, and laboratory equipment's. Users can register their service needs through <http://maintenance.psgtech/> intranet website for getting service from electrical, plumbing, networking and computer technicians Class rooms service support is provided by information desk established at each block. DG set, UPS, Lifts, and other major laboratory equipment's are covered under Annual Maintenance contract. Utilisation of seminar halls and facilities are made easier through online hall reservation system using <http://halls.psgtech>. Students welfare committee will meet at regular intervals to resolve the issues if any in the facilities. Digital library maintenance and updating e-learning facilities and software is regularly monitored by the dedicated library committee Under the Physical Director supervision, the indoor and outdoor games, Gyms, yoga training facilities are maintained well in a systematic manner. Maintenance of sports complex is taken care by separate team from hostel maintenance. Firefighting system with dedicated staff is deployed in the campus, training to the students and

users are provided at regular intervals. Drinking water dispenser unit is maintained by external agency and the testing of water quality is ensured by regular sample test. Waste water treatment plant is operated and maintained 24 X 7 by dedicated team.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1050

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

65

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) A. All of the above

**Awareness of Trends in Technology**

File Description	Documents
Link to Institutional website	<a href="https://www.psgtech.edu/">https://www.psgtech.edu/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

1355

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**B. Any 3 of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

1355

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.2.2 - Number of outgoing students progressing to higher education

96

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

133

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.3 - Student Participation and Activities

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

35

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

**The Students Union strive:**

- To provide opportunities for the development of technical skills & knowledge through the various affiliated Associations.
- To promote & organize social, cultural and literacy activities through the various affiliated Clubs.

**Functions of Students council:**

- The Council in conformity with the objectives of the SU, formulate the policies and suggest the course of action to be adopted by the Executive Committee
- Sanction the budget proposals presented by the Finance Committee.

**Executive Committee Members**

- The Executive Committee shall carry out the activities of the Students Union as approved by the Council.

**Secretaries of Affiliated Clubs**

- The Secretaries shall be responsible for the

correspondence and other organizational activities of the club. They shall also maintain the accounts of the club.

#### Internal Complaint Committee

- A committee wherein students can address any grievances regarding facilities provided by college of or academic related issues.

#### Secretaries of Affiliated Association

- To provide & organize a forum for discussing topics of general and technical interest.
- Activities to promote the knowledge and understanding in the field of study.

#### Academic Council

- The academic council is a body that approves the curriculum, regulations, and academic-related activities. Four students participating as members, 2 each two from engineering and science departments.

#### Grievance Redressal Committee

- A dedicated online portal has been setup for students and staffs to log grievances, track and follow them up on the same.

#### Internal Quality Assurance Cell

- The student elected as chairperson of the Students Union is a member of IQAC, which ensures quality education.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

- The 36thPSG Tech Talent Testfor GRD Rolling Trophy (Tamil medium) and26th PSG Tech Talent Testfor GRD Rolling Trophy (English medium) was conducted through online mode on October 2, 2021. 605 Students participated.
- The 19th Inter-Collegiate Dr.GRD Memorial Tamil Elocution Contest was conducted on 30th October 2021 through Google Meet. 163 students from 43 colleges participated in the contest.
- On the occasion of the 36th death anniversary of our beloved Founder Patron Prof.GRD, floral tribute was offered at his Samadhi on Monday, the 10th January 2022.
- On the 85th Birthday anniversary of our former Managing Trustee Shri.G.Varadharaj, the prayers were offered on the occasion of his Samadhi on Monday 1st November 2021.
- 1996 BE Mechanical Silver Jubilee reunion was held on 31st July, 2021. About 19 Alumnus participated in the reunion.
- The 1961 Batch Diamond Jubilee reunion was held on 27th November 2021 in "D" Hall (Ground Flood), PSG Tech Campus. About 20 alumnus along with their family members participated in the reunion.
- The 60th & 61stAnnual General Body Meeting was held on 23rd December 2021, Thursday at 6.00 pm in D-Block Conference Hall, PSG Tech campus.
- The Fifth Edition of Alumni Congress and 16th Young Alumni Awards was held on 19.03.2022 at 11.00 am at 'D-block' Conference Hall (Ground floor), PSG Tech College of Technology.
- The Diploma, UG & PG students Induction Program was held on 29th April 2022 (Friday) at "F" Block Assembly Hall.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

#### 5.4.2 - Alumni's financial contribution during the year A. ? 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

##### VISION

PSG College of Technology aspires to be recognized as one of the leaders in engineering education, research and application of knowledge to benefit society.

##### MISSION

Mission of PSG College of Technology is to provide world-class engineering education, foster research & development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the country.

##### QUALITY POLICY

PSG College of Technology endeavour to achieve customer satisfaction by providing world class education through continuous improvement and relevant research for sustainable development.

##### THE GOVERNANCE

The governance of the Institution is vested with various bodies



such as Governing Council, Academic Council, Standing Committee and Board of Studies which include participation from all stakeholders and members of teaching community.

#### ADMINISTRATION STRUCTURE

The Managing Trustee of PSG Sons' and Charities Trust is the Chairman of the Governing Council and Principal is the Secretary. Principal is entrusted with the responsibility of smooth and effective functioning of institution. Deans are appointed for the general administrative responsibilities. The Heads of Departments are responsible for the academic and administrative matters of the departments. Overall quality is managed through ISO system and Internal Quality Assurance Cell.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

PSG College of Technology, from inception, functions through delegation of powers. The Principal in consultation with the Managing Trustee of PSG & Sons' charities plans the activities for the year and also prepares the short term plan. Through very clear deliberations with Heads of Departments the action plan is transferred to the departments for implementation with adequate finance and infrastructure support. Policy decisions in connection with initiating new programmes, setting up research centers, activities to promote research and enhance teaching - learning process, introduction of academic reforms (CBCS, RELATIVE GRADING, Self-directed electives), implementation of ISO system and e-governance and submission of SAR for several accreditation processes are a few such endeavours. The progress in implementation of any academic activity is monitored and corrective actions will be made based on the feedback from students, employers, parents and other quality assurance processes. This success is attributed to the participative management that is practised in the college and in the academic administration of the departments which empowers faculty members to understand the objectives clearly. Even during pandemic period, no academic activities were put on hold. Classes,

Assessments and examinations were conducted online with use of digital technology and e-learning and content management platforms.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The Strategic Plan seeks to leverage the strengths of PSG College of Technology over the decades to acquire or develop new strengths. The Strategic Plan proposes to nurture faculty working on transformational technologies to address the societal challenges faced in India today and to focus on sustainable goals. The perspective plan identifies the following broad targets to:

- Become a leading technological university, ranked in the global top 100
- Incubate successful start-ups creating innovative products and business models
- Provide an invigorating work environment
- Be a model education campus in terms of sustainability, usage of energy and water and recycling of materials
- Be an institute that is sought for international collaborations leading to exchange of students and faculty and joint degree programmes
- Intensify the involvement of alumni in the Institute's development
- Enhance collaborative research and development activities

The team consisting of Principal, Deans, HoDs, and Programme Coordinators develops, drives and deploys the strategic policies. Internal Quality Circle periodically meets to discuss and proposes plans for better implementation. The Internal Quality Assurance Cell approves and develops the action plan,

implement and monitor the same. The feedback is collected and analyses to ensure the closed loop functioning.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.psgtech.edu/">https://www.psgtech.edu/</a>
Upload any additional information	No File Uploaded

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

Major institutional decisions are taken by the following bodies as specified below.

- **Governing Council:** The Governing Council with the managing trustee as the Chairman and other members frames directive principles and policies, amend and approve policies from time to time, and approve budgets.
- The Principal assisted by Deans and HoDs carries out the policies of the governing council. Faculty members of the departments work in consonance with the HOD.
- Academic council approves the curriculum for various programmes offered with flexibility to make the course the most relevant through Boards of Studies.
- The Planning and Evaluation Committee suggest various plans for development of the Institution, and progressive measures to the management.
- The Finance Committee: Proposals relating to creation of posts, sanction of capital expenditure, annual accounts, financial estimates and audit reports are presented to the Finance Committee for advice.
- Controller of Examination Cell(CoE): CoE cell headed by full time Controller of Examinations schedules examination, valuations and publications of results with a good level of automation.
- Staff Selection Committee: Staff Selection Committee is constituted with the Chairman, Governing Council, Nominee of Governing Council, DTE, Two Subject Experts, SC/ST Nominee, Principal & concerned HODs as members.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.psgtech.edu/NAAC/criteria_6_2_021-22.php">https://www.psgtech.edu/NAAC/criteria_6_2_021-22.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution follows an effective teaching and learning environment that supports career development and welfare of teaching and non-teaching staffs. In this regard, following are the key activities carried out in the institution.

- Faculty members with post graduate qualification are urged to pursue Ph.D and are given financial support wherever possible and access to online journals and e-resources through library.
- Faculty members are encouraged to organize and attend national and international conferences/workshops/seminars.
- Faculty members are empowered to create new courses and opportunities are provided to introduce them twice in a year through Board of Studies.
- Faculty members are allowed to network with similar group

through Professional bodies. Active Memberships in professional bodies is given due recognition.

- Faculty members are permitted to pursue research/consultancy in their area of interest. The institute provides funds as seed money to the faculty for their research activities.
- Faculty contribution with regard to paper publication, book publication, project received, research accomplishment, obtaining of patents etc are duly recognized and honoured.
- Non-teaching staff are encouraged to acquire additional skills and qualifications.

Personality development programmes and soft skills and technical training programmes are arranged for supporting staff

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

43

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year**

34

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

560

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

### Internal & External financial audit

- **State government grant:** Audit is conducted annually by the office of the State government Local Fund Audit and the consolidated report is submitted to the Directorate of Technical Education, Chennai, for further action. In case of discrepancies pointed out by the audit team, remarks from the institution are sought out and if found satisfactory, the issue is closed. If not found satisfactory, suitable corrective action recommended by the DoTE is informed to the institution for closure of the issue.
- **Central government grant:** Audit is conducted by the Chartered Accountant appointed by the institution and relevant Utilization certificate signed by the Chartered Accountant and the Principal is sent to the sanctioning authority. Subsequently, audit is also carried out by the Accountant General's office for final approval.

- **Management grant:** Concurrent Audit is conducted by the audit team of the accounts department of the PSG Trust. Annual audit is conducted by the Chartered Accountant appointed by the Management and the report is submitted to the Managing Trustee for further action.

**Physical verification:** In addition to the financial audits, physical verification of the assets are audited every year by the members nominated by Principal.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

Nil

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

- **Students fee:** This is the major source of income. Curriculum design and teaching - learning process are well designed to make students employment ready which ensures all the seats filled to maximize the income. An exclusive placement office functions to support training and placement of students.
- **Sponsored research projects:** Faculty apply for financial support to funding agencies to work on their research projects and to modernize labs.
- **Industry Support :** Faculty collaborate with Industries to set up research centers.
- **Consultancy and testing revenue:** Faculty provide consultancy to Industries and undertake testing of

equipment which generate revenue.

- **Non-formal and continuing education:** Revenue is also generated through programmes offered on state of art technologies and customized programmes for the Industries.
- **Management Contribution:** Management of PSG College of Technology funds for the infrastructure development.
- **Alumni contribution:** Many of our Alumni contribute for the scholarships to deserving students and for the endowments.

**Tamil Nadu State Government Grant:** 90% of the staff salary of government aided programmes is given by the Tamil Nadu State Government. The remaining 10% of the salary, full salary of the staff for the self-supporting programmes and other overheads are given by the management.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

**Interdisciplinary Project Ideas submission call (for seed funding) - IIC**

PSG College of Technology has secured Band A ranking in ARIIA 2020 under Government and Government Aided Colleges. Best Innovation Stall award was won in the in the IIC South Zone Regional Meet conducted by Ministry of Education and AICTE on 8th August 2022 hosted at PSNA College of Engineering. The ideas of 80 student teams comprising of 500 students of PSG College of Technology have participated in the internal hackathon for Smart India Hackathon 2022.

**Provision for Turnitin Plagiarism check for Faculty**

Turnitin - iThenticate is a plagiarism-detection software, designed to be used by researchers to screen written material



for originality. Dr. GRD Memorial Library facilitates its users to check the similarity using the tool. We also facilitate plagiarism check for the papers communicated to the conferences organized by the departments of PSG College of Technology.

#### Development of coding practice through coding club

The Coding Club's aim is to create and maintain a focused student community that dwells deeper into the art of developing practical applications using coding and computer science concepts. It strives to create and foster an active group of students who enjoy programming solutions and extend their domain knowledge to solve larger real-world problems.

- Weekly discussion.
- Participation in competitions conducted by Hackerrank, Hackerearth.
- Preparation for global coding competitions conducted by professional bodies
- Workshop and technical talks on various competitions.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.psgtech.edu/IIC/">https://www.psgtech.edu/IIC/</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

#### Teaching-learning process

Departments conduct internal Department Quality Circle meeting with the faculty members to review teaching-learning process in terms of Course Outcome attainment. Programme Assessment committee (PASCO), Programme Advisory Committee (PADCO) and Board of Studies (BoS) are created to monitor teaching-learning process, PASCO measures and compares attainment levels of learning outcomes. PADCO finalizes the course of actions. PASCO and PADCO findings are discussed in the BoS and the outcomes are presented to Principal and further for approval in the Governing council.

#### Academic Audit

Academic audit to monitor and review the performance of the programmes in the institution was conducted. Audit team evaluated the processes involved in the design and development activities of curriculum, teaching-learning process, student learning assessment process, quality of resources, curricular and extra-curricular activities, faculty competencies, quality and quantity of research and consultancy outcomes. An audit report indicating commendation / recommendation for enhancing the system is shared.

Institutional reviews by experts through ISO

External Surveillance Audit is done by TUV-SUD to review the non-conformities, and proposes a corrective action with target date. A follow up audit, verifies the corrective action. Continuous Assessment Test (CAT), answer papers are audited and actions are taken for deviations. Department Status Report along with QMS computation will identify the performance, and opportunities for improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.psgtech.edu/tech%20bulletin.php">https://www.psgtech.edu/tech%20bulletin.php</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

## 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

Events pertaining to personality development that inculcated a sense of gender equality among the students were conducted by NSS units, NCC wings and the Physical Education department in association with the clubs and associations of the institution. Women Entrepreneurship was promoted through a series of Tech Talks. Anti-Ragging committee and an online portal called the Grievance Redressal Committee are framed to ensure a ragging free environment. Internal Complaint Committee takes care of complaints of students. A security system with CCTV surveillance covers the entire campus. Ladies hostel is monitored by both lady securities inside the hostel and male securities outside the hostel, 24/7. Boys and girls hostel students represent the Hostel Council Meeting for the welfare of hostel students. Counsellors relentlessly provided guidance to the students throughout the year ensuring students to settle into campus, cope with learning difficulties and assist students in exploring career pathways that suit them. Exclusive common rooms and washrooms are provided on campus for boys, girls and the differently abled where, the girls' washrooms are equipped with sanitary vending machines. Tree plantation and Jan Andolan Campaign on Covid-19 by NSS, and Evening with Entrepreneur webinar by E-club inculcated the socio-economic and entrepreneurship awareness among students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

- Solid waste management

Solid waste is collected from different locations and disposed through vendors, Food waste and vegetable wastes in the hostel are used in bio-gas plant and gas generated is used for preheating purpose, Kitchen oil and coconut shell wastes are used in our crematorium.

- Liquid waste management

Waste water in College and Hostel is treated using 1.5 MLD and 0.25 MLD plants. The treated water is used for gardening and discharged back into the environment.

- Biomedical waste management

Bio-waste is not generated in the campus

- E-waste management

All e-wastes are collected from the user departments and disposed through authorised vendor. MoU is being signed with M/s Green Era Recyclers.

- Hazardous chemicals and radioactive waste management

Not generated in the campus

- Waste recycling system

It is under process

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

**B. Any 3 of the above**

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment:  
Ramps/lifts for easy access to classrooms and centres  
Disabled-friendly washrooms  
Signage including tactile path lights, display boards and signposts  
Assistive technology and facilities for persons with disabilities:  
accessible website, screen-reading software, mechanized equipment, etc.  
Provision for enquiry and information: Human**

**B. Any 3 of the above**

**assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
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, socio-economic and other diversities (within a maximum of 200 words).

The institution's initiative in bringing harmony include many activities conducted by various clubs and associations throughout the year. National Service Scheme conducted programs which imparted awareness on carbon neutrality and various environmental issues. One day camps to orphanages, cleaning camps at temples and 7 day special camps at villages gave the students an exposure to the outer world. Paathshala club and Book Readers club conducted events to celebrate the linguistic diversity of our country. Radio Hub conducted live shows with amazing themes. On Diwali and Pongal, Tek music brought out the musical talent among students. Youth Red Cross Society conducted events to bring out the best skills and character of students. Tamizh Mandram hosted Tazhal, an online poetry-and-prose competition where participants showcased their writing skills. Dramatix club brought out creativity in its best form. NCC organized a mass cleaning campaign of lakes and water bodies and the infantry wing participated in Puneet Saghar Abhiyan, which included cleaning and an awareness rally for the residents in Coimbatore. It also conducted sessions to celebrate International Yoga Day and took active part in the National Communal Harmony Fund that supports orphans and families all over India who were affected by communal riots.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

A mandatory course on 'Indian Constitution' is prescribed for all undergraduate engineering programmes in their 4th semester which helps to sensitize students on upholding the constitutional ideas, values like human rights and democracy, fundamental duties and rights of citizens. A course on 'Sociology, Ethics and Human Values' is offered by Humanities department to BE/BTech students from 2012. It also organizes a conference titled "Integrating Humanistic Values and Social Concerns with Technical Education" once in four years since 2006. The college observes and celebrates Republic Day, Independence Day and Constitution Day to remember the leaders of this great nation and imbibe their values to uphold democracy, sovereignty and protect the integrity of the nation at all times. NCC has been at the forefront of the Swatch Bharath Abhiyan since the campaign was launched. This year, NCC carried out a nationwide campaign to clean sea shores/beaches littered with plastic. The NSS organised a 7 Day Special Camp - Kanal, in the 5 adopted villages of NSS. With the motto of Each one, Plant one, Ecostreak was a reforming initiative, taken up by the NSS in which for 365 Days, 365 students successfully planted 365 saplings throughout the year, in four phases.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to**

**B. Any 3 of the above**



**monitor adherence to the Code of Conduct  
Institution organizes professional ethics  
programmes for students, teachers,  
administrators and other staff Annual  
awareness programmes on the Code of  
Conduct are organized**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

PSG Tech has an active Students Union under which various clubs function. Independence Day, Republic Day, Constitution Day, International Yoga Day were celebrated. Student Welfare Committee organized webinars on Yoga, Mental Health and Healthy lifestyle. Kriya 2022 was a massive success in providing the students with a platform to grow and excel technically. PSGCT celebrated Tech Day 2022 and the best outgoing students were awarded. Animal Welfare Club organized a webinar on "Things I wish I knew before getting my puppy" and a guest lecture on snakes. Artificial Intelligence and Robotics Club conducted two events, Airobiz and Humaze, respectively. The Evening with Entrepreneur series, Wreck and Sell, BID-E, E-Next, Beat Odds and Stockino were organized by the Entrepreneurs Club. Fine Arts Club organized Sketchitive and Artesium. The Global Leaders' Forum conducted a Mental Health Workshop. Youth Outreach Club hosted Manavar Illam Classes and Zest Time. Young Kalam Innovator, Trick & Trivia and Thought Rattle were organized by the Student Research Council. War of Words and Surge & Zeal were conducted by Rotaract Club. Let's Talk was conducted by the English Literary Society. Radio Hub streamed many shows like Diwali Special Live, Maalai Neram Melodies and commemorated World Radio Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

[https://www.psgtech.edu/NAAC/criteria\\_7\\_2021-22.php](https://www.psgtech.edu/NAAC/criteria_7_2021-22.php)

File Description	Documents
Best practices in the Institutional website	<a href="https://www.psgtech.edu/NAAC/criteria_7_2021-22.php">https://www.psgtech.edu/NAAC/criteria_7_2021-22.php</a>
Any other relevant information	Nil

## 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

PSG College of Technology is a trendsetter in technical education. Our well qualified faculty, state-of-the-art facilities, modern curriculum and keen focus on developing professionals have elevated PSG Tech as one of the most sought after technical institute in the country. PSG College of Technology is visited by industry leaders from all domains for campus placement. Our curriculum ensures that students get to participate in multiple internship opportunities during the course of earning a degree at PSGCT. Our students are exposed to actual work environments through these internships. PSG Tech graduates are recognized all over the world as innovative, technically sound, outstanding performers and excellent leaders.

PSG is ranked 2nd by ATAL in the Innovation and Entrepreneurship

Development and we have an active Institution Innovation Council (IIC), which was established in the college for the same. The current priority of the institute is to encourage budding student entrepreneurs who can bring out innovative solutions in terms of products or services resulting in start-ups or patents through IIC. PSG Tech is ranked 57 under NIRF in Engineering category and 63 in Management category. Education World Indian has ranked PSG Tech in the 4th place in Private Engineering Institutes and India Today has ranked 9th and 7th in Engineering - Private and Engineering South Zone respectively. Times of India has ranked 9th and 5th in Engineering - Overall and Engineering South Zone respectively, whereas Outlook has ranked 8th and 4th in Engineering - Private and Engineering South Zone respectively.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

PSG College of Technology is an autonomous college affiliated to Anna University, Chennai. The design and implementation of the curricula is done based on guidelines given by regulatory bodies like Anna University, UGC and AICTE. The graduating students need to be strong in fundamentals of their respective programmes and also update their knowledge and skill based on the continuous changes that are happening in the industries. Consequently, the curricula development and revision needs input from industrial experts, reputed alumni, academicians from reputed institutions and our faculty members. Hence, they are nominated as members in academic statutory bodies like Programme Advisory Committee and Boards of Studies at the department level and Academic Council at the institution level which meets twice in an academic year. The curricula are developed / updated based on the discussion during the meetings. Owing to the significance of courses like modeling and simulation, virtual reality, data analytics, cyber physical systems, artificial intelligence in various domains some engineering boards have recommended these courses to be included as elective courses. The demand for human resource in Artificial Intelligence and Machine Learning has resulted in the introduction of BE CSE (AI & ML) during the academic year 2022-2023.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

#### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

194

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

67

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

61

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The first semester of the UG programmes start with a three weeks Induction Programme. The significance of themes pertaining to Human Values, Gender Equivalence, Professional Ethics, Clean Environment and Sustainable Development are dealt with during the induction programme. Faculty members from various departments who have attended FDPs in Universal Human Values conducted by AICTE handle sessions on Human values and ethics. As per AICTE norms, activity point programme is included in the curriculum of all the UG programmes from second to sixth semester. A course on Environmental Science is offered to the students during third semester. In this course, the students are sensitized about methods and means to save our environment and also strategies and ideas to progress towards sustainable development. A course in Indian Constitution is also offered to all the UG programmes during 4th semester. This course will help/guide the students to take ethical decisions in issues that are connected to the relevant programme and society. As per UNOs mandate a course on Sustainable Development Goals (SDG) is offered for all the ME/MTech. It has been recommended by various boards of studies to offer value added courses like Intellectual properties and ethics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

19

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

829

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1760

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

<b>1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni</b>	<b>A. All 4 of the above</b>
<b>File Description</b>	<b>Documents</b>
Provide the URL for stakeholders' feedback report	<a href="https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php">https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
<b>File Description</b>	<b>Documents</b>
Provide URL for stakeholders' feedback report	<a href="https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php">https://www.psgtech.edu/NAAC/criteria_1/21-22/criteria_1.4.1.php</a>
Any additional information	<b>No File Uploaded</b>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment of Students</b>	
<b>2.1.1.1 - Number of students admitted (year-wise) during the year</b>	
<b>1859</b>	
<b>File Description</b>	<b>Documents</b>
Any additional information	<b>No File Uploaded</b>
Institutional data in prescribed format	<a href="#">View File</a>
<b>2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)</b>	



1656	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>
<b>2.2 - Catering to Student Diversity</b>	
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.	
<p>The College identifies learners as slow and advanced learners based on components like Assignments, Seminars, Group Discussions, academic progress and attendance. The slow learners are helped in their preparation by continuous monitoring and by providing feedbacks. Additional teaching hours and remedial classes are conducted to assist the weak students. From third semester onwards, the student has the option to drop a maximum of two theory courses or to study two additional theory courses excluding Professional Core course in a semester. The students are motivated to submit research papers to peer reviewed journals. Students are encouraged to participate in various hackathons and given opportunities to work on various interdisciplinary projects to develop their innovation through the Institute Innovation Council (IIC). MOOC Courses - Swayam, Coursera, and others like AWS, CISCO are recommended for the fast and advanced learners. Students can also opt for one credit industry oriented courses of 15 hours duration which will be offered by experts from industry / other institution on specialized topics related to their branch of study. Fast learners are provided an opportunity to visit and do internship at other institutions through semester exchange programmes.</p>	
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
<b>2.2.2 - Student – Teacher (full-time) ratio</b>	

Year	Number of Students	Number of Teachers
31/05/2022	7785	585

File Description	Documents
Upload any additional information	No File Uploaded

### 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:

The institution believes in student-centric approaches to enhance student involvement in participatory learning and problem-solving methodologies to cultivate habits that promote a lifelong learning. The institute supports students to earn prescribed number of activity points during their 2nd to 6th semesters by allowing students to flexibly choose a relevant techno-economic-societal activity to their liking to earn activity points, which provides a participative learning experience. Mini Projects, Summer Internships and Main Projects provide experiential learning. Departments organize industrial visits for students to expose them to work culture and understand the actual job settings in industry. Learning by doing is critical for deep understanding of subjects which is a part of Laboratory experiential learning. Faculty members take efforts to expose students to as many laboratories as possible. Care is taken to combine theory with its corresponding lab during a particular semester to enhance understanding. Students participate in mega events like Hackathons to gain real-world experience and improve problem-solving skills. The Coding club in the institute provides a learning platform to the students to crack hackathons organized by premier institutes. Innovation Practice Lab is a part of the curriculum and requires the students to develop an intermediate or final product from the base.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

PSG Teachers and Students use ICT-enabled tools in teaching learning process. Intranet, internet, Wifi connectivity is enabled to all the faculty members and student to ease their day to day activities.

Students are availed with various licensed software to enhance their learning ability. MOODLE, Google Classroom, Socrative, Google Forms, and the Nucleus Platform (In-house developed) are used to manage the teaching learning process. Google Classroom is used for uploading course materials and video lectures created by faculty members. PSG Library's e-resources are available 24/7 and thus are accessed by all Instructors and students.

Every instructor upload their student's attendance, internal assessment, tutorial and assignment presentation scores in the web portal, along with feedback on the course and class they taught (<http://academicbcs.psgtech.ac.in/>). Students are provided with e-campus portal where they can access their academic information, student feedback etc., (<https://ecampus.psgtech.ac.in/studzone2/>). Intermediate feedback is also received from students for course corrections.

General ICT tools like Desktop, laptops, projectors, digital cameras, printers, photocopiers, tablets, pen tables, pen drives scanners, microphones, interactive white board, DVDs, CDs, Flash discs etc., are provided to all the instructors and individual departments. Students are engaged by surprise quizzes, presentations, using ICT tools.

#### Nucleus

<https://nucleus.amcspgtech.in/login>

#### Moodle

<https://moodle.amcspgtech.in/>

#### E Resources

<http://events.psgtech.edu/library/>

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://moodle.amcspsgtech.in/login/index/php">https://moodle.amcspsgtech.in/login/index/php</a>
Upload any additional information	No File Uploaded

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

178

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Academic calendar is prepared for the two semesters of the academic year considering a duration is 16 weeks per semester for teaching, learning and assessments. The assessments include tests, assignments / presentations. The Academic calendar is prepared well in advance at the end of the even semester of the previous academic year and the same is made available to the faculty members, the students and on the official college website. It is prepared after receiving the inputs from Academic section, Controller of Examinations, Students Union, Clubs and Societies for effective utilization of resources, planning for the institution level events, graduation day and other important events in Dean Academic office.

Faculty are instructed to prepare a detailed course plan for the subjects to be taught by them at the beginning of the semester containing weekly/hourly teaching contents, tutorials / assignments/ presentations/ quizzes planned to conduct. The course plan so prepared by the faculty members is reviewed by the Head of the Department and the same is

made available to the students through the college website. Periodic class committee meetings with the course handling faculty members, selected students, mentors and HOD are conducted to review on the teaching and learning process.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

585

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

338

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

7561

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	No File Uploaded

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

106

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

913

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

#### Question Paper Pattern:

The question paper pattern is reverted back to descriptive type from MCQ type to enable the students to exhibit their knowledge in different ways.

**Exam Time:**

The time between 08.57 am to 09.00 am / 01.57 pm to 02.00 pm is used for checking any material written on the backside of the calculator and data books/tables brought by the candidates before giving question paper.

- Processes/Procedures integrating IT

**Grading System:**

The grading software provided by Anna University is implemented for award of grades for theory courses under relative grading in order to benchmark the grading process.

The weightage of marks for final exam and internal exams was changed to 60:40 for theory courses and 40:60 for laboratory courses. The criteria for passing was changed to 45/50 from 50/50 i.e., the student has to secure atleast 45 percent of marks in the final exam and 50% of marks from both internal marks and final exam marks put together.

- Continuous Internal Assessment System

**Flexible Time Table:**

In order to allow the final year students to attend placements, the continuous assessment test time table for the final year students were changed from a rigid format in which the tests are conducted in centralised manner to a flexible format in which the concerned departments can conduct the tests at preferred time and place within the given time period after getting approval.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**2.6 - Student Performance and Learning Outcomes**

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

### 1. Preparation of Programme Outcomes and Course Outcomes:

All programmes offered by the institution have vision and mission in line with the institutions vision and mission considering the local, regional, national and global development and sustainable needs and providing service to the society. Program Educational Objectives (PEO), Program Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes(CO) of the all programmes are prepared, reviewed, analysed and modified as per the feedback from all stake holders and suggestions from academic and industry experts through department faculty meeting, Program Advisory Committee meeting and Board of studies meetings. Alumni meet, senior alumni reunions and interactions provide state of art advancements for the curriculum development.

#### 1. Methods of dissemination of PO and CO:

PEO, PO ,PSO and CO are clearly specified and published through following manner :

- Can be accessed through Institute's website
- Department display and notice boards
- Through Orientation programmes and Tutor ward meetings.
- Course plan
- ISO documents
- Institution web link entry.

The significance of learning outcomes will be highlighted to the instructors during the Department meeting. The course outcomes, in general, focus on the student's readiness for placements, higher education, research, entrepreneurship, and competitive examinations.



File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	Nil

### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

PSG Tech has implemented an outcome-based education system to ensure that CO and PO are met. The objective and outcomes are effectively mapped for student testing and evaluation, ensuring that PSO are achieved through competency mapping in terms of knowledge and skills. Learning Outcomes of the student are assessed through Continuous internal assessment (CIA) and Semester End examination (SEE). Data are collected from test, assignment presentation, tutorial and SEE.

Direct Assessment methods includes :

- Continuous Internal Evaluation -Test I,II,III
- Assignment presentation
- Assessment tutorial
- Objective test
- Laboratory performance assessment -pre and post lab test, viva voce, test etc.,
- Internship/innovation practice/Industry visit student team presentation
- Semester End examination

Indirect Assessment methods includes :

- Course exit survey
- Student feedback

- Alumni survey
- Employer survey
- Co-curricular activities
- Extracurricular activities

The programme outcomes are evaluated and the PO attainment level is determined. The institution also tries to attain the course outcomes and program outcomes by conducting the activities such as cultural activities, N.S.S, Career Counselling, Personality Development Program, and Communication Skills, Guest Lectures, Health Awareness Programs etc., In outcome-based education, a feedback system and intermediate feedback is employed to improve the teaching-learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

2186

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

### 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://www.psgtech.edu/NAAC/criteria\\_2/criteria\\_2.7.1\\_2021-22.php](https://www.psgtech.edu/NAAC/criteria_2/criteria_2.7.1_2021-22.php)

## **RESEARCH, INNOVATIONS AND EXTENSION**

### **3.1 - Promotion of Research and Facilities**

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The research policy of PSG College of Technology aims to create and support a research culture among its teachers and students and leverage it for enriching and enhancing professional competence, scientific temper and research attitudes of all its learners leading to the realization of the institute's vision and mission.

A Research Council has been established at the institute level to discuss emerging research trends in various domains of engineering and to promote interdisciplinary research. The Council aims to encourage an active and vibrant research culture in PSG and to establish additional research facilities to promote multidisciplinary research across its departments and subsequently elevate research work across PSG institutions. A Research Advisory Committee (RAC) has been established consisting of external mentors from government scientific bodies, visiting professors and experts from India and abroad to devise strategic plans. Faculty members are encouraged to get engaged in industrial consultancy and research. Financial support is provided to faculty from supporting their initial activities of research upto filing patents. To inculcate research in the minds of students, a Student Research Council (SRC) is established with an objective of using the knowledge gained by students through their course and unconventional thinking in creating innovations.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.psgtech.edu/research_index.php">https://www.psgtech.edu/research_index.php</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.231

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

540.047

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

44

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

201

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

13

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution's Innovation Council (IIC) is an innovation promotion ecosystem to promote innovation and entrepreneurship. IIC thrives to develop indigenous and sustainable solutions for addressing the societal needs and to translate the technologies developed to reach out to the public as products, processes and services. IIC supports staff, students, alumni, faculty and R&D partners.

#### Vision

To establish a vibrant innovation and entrepreneurship ecosystem to develop indigenous and sustainable solutions for addressing the societal needs

#### Long Term Objectives

- To establish an innovation hub with world class pre-incubation facilities in collaboration with government

funding agencies and ecosystem enablers

- To facilitate good number of technology transfers, technology licensing and commercialization of technologies
- To incubate successful student startups and business ventures
- To promote resources in innovation and entrepreneurship to improve the Atal Ranking of the Institution

#### Short Term Objectives

- To organize boot camps and hackathons at least twice a year
- To encourage faculty to participate in workshops and training programmes on innovations, entrepreneurship, IPR and venture development
- To develop a performance matrix to assess the contributions of faculty towards innovation and entrepreneurship and incentivize / reward the top performers on annual basis
- To connect academic processes with innovation and entrepreneurship

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

30

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.4 - Research Publications and Awards

3.4.1 - The Institution ensures

B. Any 3 of the above

**implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

82

File Description	Documents
URL to the research page on HEI website	<a href="https://www.psgtech.edu/research_index.php">https://www.psgtech.edu/research_index.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year**

1.3932



File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.22

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

1355

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

15

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5 - Consultancy

### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

10.12

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Nil

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Ideas for developing rural villages are being gathered by National Service Scheme PSG TECH and Unnat Bharat Abhiyan. Renewable Energy, Solid Waste Management, Rural Education, and Rural Upliftment were the basic topics of IDEACON, where about 90 teams participated and expressed their ideas. The

event "Yours 'Right'fully" was organized to test the students' knowledge on basic human rights and spread awareness on the importance of Human Rights Day, in which 40+ students took part. With around 200+ volunteers, a 7 day special camp "KANAL" was conducted at 5 adopted villages of NSS PSGTECH. More than 100 volunteers actively participated in the orphanage camp and did a good deed by serving humanity. About 100 volunteers took part in the temple cleaning camp at Sulur. A study camp "Walking with River Noyyal" was arranged to witness and learn about the real transformation of the Noyyal river. A rally, with about 110 volunteers, was held to create awareness about the environment. With the motto of Each one, Plant one, 365 students, successfully planted 365 saplings through the initiative called "ECOSTREAK". In total, the National Service Scheme of PSG College of Technology impacted 1500+ participants through several initiatives during the academic year 2021-2022.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

27

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

143

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

12003

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1014

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

20

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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 equipments, etc.

PSG College of Technology is spread over 47.04 acre of land, in the heart of Coimbatore City. The students enrolled in the institution receive excellent learning experience, majorly attributed to the adequate infrastructural facility and the provision of good ambience for learning. Ceiling fans, Chalk Board, digital writing pads, LCD projector & screen with audio equipments and comfortable furniture are fitted in the class rooms. Smart boards are fixed in selected rooms to enhance the attentiveness of the students. Around 89 Class rooms are equipped with computers and 100 Mbps internet facilities. Wi-Fi facility is available in reading areas and in the hostel. State of the art laboratories are available in all the departments to impart hands on training to the students. Several Centre of Excellences are supported by renowned industries, to enhance technical skillsets of the students and to prepare industry ready students. Seminar halls (3174 m<sup>2</sup>) & Auditorium (1264 m<sup>2</sup>) with ICT facilities are available for knowledge sharing, placement trainings, alumni interactions, and skill development activities. 5953 computers are used in teaching learning process. Simulation Software for laboratories and R&D activities are supported by powerful server with high-speed network. Knimbus digital library provides remote access to e-Library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

**The Department of Physical Education:**

Land area: 5 acre

Headed by the physical director.

**Outdoor sports facility**

- an athletic ground,
- a football and hockey field
- an indoor stadium with two basketball courts, two handball courts, three synthetic tennis courts, four volleyball courts, one throwball court, two ball badminton courts, two Sepaktakraw courts, two tennikoit courts, one Kho-Kho court, cricket pitches.

**Indoor sports facility**

- Games hall and a gymnasium.
- Open-air stadium (500-seater).

**Annual activities:**

- Intramural tournaments
- Training by invited eminent coaches.
- Sports activities separately for boys and girls.
- Events for differently abled students.
- State and National level basketball and handball tournaments,
- Sepaktakraw tournament
- Hockey league

The Institution conducts yoga sessions periodically for staff and students and has a yoga hall and open-air facility for

practicing.

There are 24 clubs running under Students Union of our college, headed by a faculty advisor. Extra-curricular and cultural activities are organised in the College's Assembly halls, Conference Halls and Quadrangle. Intrams, an intra collegiate cultural activity and Kriya, an intercollegiate event is organised by the students' union. Independence Day, Republic Day and Teachers' Day are celebrated with grandeur. Every year, 'Tech Day', is conducted to recognize the students' excellency in academics and extracurricular events.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

113

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

2393.36

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

PSG Integrated Library Management System (PSG-ILMS) 5.0 is fully automated with the configuration of Microsoft Framework 1.1. Web OPAC is functioning with the configuration of Microsoft Framework 4.5. Advancement of Information technology shifts the In-house library management software from SYBASE to Windows 8 platform for the ease library operations. This In-house ILMS have the modules for Acquisition, Circulation, OPAC, E-Gate, Serial Control and Reports. Our in-house PSG -ILMS has unique modules for Book Exhibition and Stock Verification. Students can search the resources through OPAC campus wide access which enables the users to search the Main library collections, Department library collections as well as the E-Resource Collections. It also facilitates the students to do book recommendations, Feedback and suggestions and new arrivals notification. All types of E-Resources links are integrated in the OPAC Homepage which facilitates the users to access through IP from their desktop itself. Integrated Library management Software has the following modules for various library operations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-



**journals during the year (INR in lakhs)****38.66**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)****4.2.4.1 - Number of teachers and students using the library per day during the year****370**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

**4.3 - IT Infrastructure**

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

**Networking Solutions**

During November 2017, the Network was upgraded to three tier topology architecture from 10 Mbps to 10 Gbps connectivity. It was segregated with multiple Virtual LAN Network for Wired, Wireless and Server farm network access.

**Data Centre**

Virtual servers have been set up using high end servers and storage hardware with VMware and vSphere. This facility was established during March 2019, with a cost of Rs 1.5 Crore.

**In-house Maintenance Cells**

An online ticket tracking system was introduced where the staff members of Computer Maintenance Cell, Network Maintenance Cell and various other cells will rectify the problems faced by the end users immediately

#### Internet

Around 70 websites have been designed, developed and maintained in-house.

#### Content Management System

The Website of PSG College of Technology was made dynamic by building a content management system which enables each faculty to update their profile.

#### Online Tools

During the pandemic period, the following online platforms such as Google suite, Microsoft teams, Cisco WEBEX and LMS tool MOODLE are being used for handling online classes for all Programmes from July 2020 to till date.

#### Security Assessment

Security Assessment Audit was done by M/s. Cosmogenic IT Solutions Pvt Ltd, Coimbatore during February 17th, 2021

#### Services Provided

The IT infrastructure provides support for the students and staff for all their academic and research related activities and remote access of Library resources and e-journals efficiently.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7785	5953
File Description	Documents
Upload any additional information	No File Uploaded
<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	A. 50 Mbps
File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	B. Any three of the above
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>
<b>4.4 - Maintenance of Campus Infrastructure</b>	
<b>4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)</b>	
2393.36	

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

The separate system is available for maintaining electrical equipment's, Buildings, Computers Electronic Equipment's, and laboratory equipment's. Users can register their service needs through <http://maintenance.psgtech/> intranet website for getting service from electrical, plumbing, networking and computer technicians Class rooms service support is provided by information desk established at each block. DG set, UPS, Lifts, and other major laboratory equipment's are covered under Annual Maintenance contract. Utilisation of seminar halls and facilities are made easier through online hall reservation system using <http://halls.psgtech>. Students welfare committee will meet at regular intervals to resolve the issues if any in the facilities. Digital library maintenance and updating e-learning facilities and software is regularly monitored by the dedicated library committee Under the Physical Director supervision, the indoor and outdoor games, Gyms, yoga training facilities are maintained well in a systematic manner. Maintenance of sports complex is taken care by separate team from hostel maintenance. Firefighting system with dedicated staff is deployed in the campus, training to the students and users are provided at regular intervals. Drinking water dispenser unit is maintained by external agency and the testing of water quality is ensured by regular sample test. Waste water treatment plant is operated and maintained 24 X 7 by dedicated team.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

<b>5.1 - Student Support</b>	
<b>5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year</b>	
1050	
<b>File Description</b>	<b>Documents</b>
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year</b>	
65	
<b>File Description</b>	<b>Documents</b>
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology</b>	<b>A. All of the above</b>
<b>File Description</b>	<b>Documents</b>
Link to Institutional website	<a href="https://www.psgtech.edu/">https://www.psgtech.edu/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>	

<b>1355</b>	
File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees</b>	<b>B. Any 3 of the above</b>
File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<b>No File Uploaded</b>
Upload any additional information	<b>No File Uploaded</b>
<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
<b>1355</b>	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

**5.2.2 - Number of outgoing students progressing to higher education**

96

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year****5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

133

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year**

35

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution****The Students Union strive:**

- To provide opportunities for the development of technical skills & knowledge through the various

affiliated Associations.

- To promote & organize social, cultural and literacy activities through the various affiliated Clubs.

#### Functions of Students council:

- The Council in conformity with the objectives of the SU, formulate the policies and suggest the course of action to be adopted by the Executive Committee
- Sanction the budget proposals presented by the Finance Committee.

#### Executive Committee Members

- The Executive Committee shall carry out the activities of the Students Union as approved by the Council.

#### Secretaries of Affiliated Clubs

- The Secretaries shall be responsible for the correspondence and other organizational activities of the club. They shall also maintain the accounts of the club.

#### Internal Complaint Committee

- A committee wherein students can address any grievances regarding facilities provided by college of or academic related issues.

#### Secretaries of Affiliated Association

- To provide & organize a forum for discussing topics of general and technical interest.
- Activities to promote the knowledge and understanding in the field of study.

#### Academic Council

- The academic council is a body that approves the curriculum, regulations, and academic-related activities. Four students participating as members, 2 each two from engineering and science departments.

#### Grievance Redressal Committee



- A dedicated online portal has been setup for students and staffs to log grievances, track and follow them up on the same.

#### Internal Quality Assurance Cell

- The student elected as chairperson of the Students Union is a member of IQAC, which ensures quality education.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

37

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

- The 36thPSG Tech Talent Testfor GRD Rolling Trophy (Tamil medium) and26th PSG Tech Talent Testfor GRD Rolling Trophy (English medium) was conducted through online mode on October 2, 2021. 605 Students participated.
- The 19th Inter-Collegiate Dr.GRD Memorial Tamil Elocution Contest was conducted on 30th October 2021 through Google Meet. 163 students from 43 colleges participated in the contest.

- On the occasion of the 36th death anniversary of our beloved Founder Patron Prof.GRD, floral tribute was offered at his Samadhi on Monday, the 10th January 2022.
- On the 85th Birthday anniversary of our former Managing Trustee Shri.G.Varadharaj, the prayers were offered on the occasion of his Samadhi on Monday 1st November 2021.
- 1996 BE Mechanical Silver Jubilee reunion was held on 31st July, 2021. About 19 Alumnus participated in the reunion.
- The 1961 Batch Diamond Jubilee reunion was held on 27th November 2021 in "D" Hall (Ground Flood), PSG Tech Campus. About 20 alumnus along with their family members participated in the reunion.
- The 60th & 61st Annual General Body Meeting was held on 23rd December 2021, Thursday at 6.00 pm in D-Block Conference Hall, PSG Tech campus.
- The Fifth Edition of Alumni Congress and 16th Young Alumni Awards was held on 19.03.2022 at 11.00 am at 'D-block' Conference Hall (Ground floor), PSG Tech College of Technology.
- The Diploma, UG & PG students Induction Program was held on 29th April 2022 (Friday) at "F" Block Assembly Hall.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

#### 5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

## VISION

PSG College of Technology aspires to be recognized as one of the leaders in engineering education, research and application of knowledge to benefit society.

## MISSION

Mission of PSG College of Technology is to provide world-class engineering education, foster research & development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the country.

## QUALITY POLICY

PSG College of Technology endeavour to achieve customer satisfaction by providing world class education through continuous improvement and relevant research for sustainable development.

## THE GOVERNANCE

The governance of the Institution is vested with various bodies such as Governing Council, Academic Council, Standing Committee and Board of Studies which include participation from all stakeholders and members of teaching community.

## ADMINISTRATION STRUCTURE

The Managing Trustee of PSG Sons' and Charities Trust is the Chairman of the Governing Council and Principal is the Secretary. Principal is entrusted with the responsibility of smooth and effective functioning of institution. Deans are appointed for the general administrative responsibilities. The Heads of Departments are responsible for the academic and administrative matters of the departments. Overall quality is managed through ISO system and Internal Quality Assurance Cell.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

PSG College of Technology, from inception, functions through delegation of powers. The Principal in consultation with the Managing Trustee of PSG & Sons' charities plans the activities for the year and also prepares the short term plan. Through very clear deliberations with Heads of Departments the action plan is transferred to the departments for implementation with adequate finance and infrastructure support. Policy decisions in connection with initiating new programmes, setting up research centers, activities to promote research and enhance teaching - learning process, introduction of academic reforms (CBCS, RELATIVE GRADING, Self-directed electives), implementation of ISO system and e-governance and submission of SAR for several accreditation processes are a few such endeavours. The progress in implementation of any academic activity is monitored and corrective actions will be made based on the feedback from students, employers, parents and other quality assurance processes. This success is attributed to the participative management that is practised in the college and in the academic administration of the departments which empowers faculty members to understand the objectives clearly. Even during pandemic period, no academic activities were put on hold. Classes, Assessments and examinations were conducted online with use of digital technology and e-learning and content management platforms.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The Strategic Plan seeks to leverage the strengths of PSG College of Technology over the decades to acquire or develop new strengths. The Strategic Plan proposes to nurture faculty working on transformational technologies to address the societal challenges faced in India today and to focus on sustainable goals. The perspective plan identifies the following broad targets to:

- Become a leading technological university, ranked in the global top 100
- Incubate successful start-ups creating innovative products and business models
- Provide an invigorating work environment
- Be a model education campus in terms of sustainability, usage of energy and water and recycling of materials
- Be an institute that is sought for international collaborations leading to exchange of students and faculty and joint degree programmes
- Intensify the involvement of alumni in the Institute's development
- Enhance collaborative research and development activities

The team consisting of Principal, Deans, HoDs, and Programme Coordinators develops, drives and deploys the strategic policies. Internal Quality Circle periodically meets to discuss and proposes plans for better implementation. The Internal Quality Assurance Cell approves and develops the action plan, implement and monitor the same. The feedback is collected and analyses to ensure the closed loop functioning.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.psgtech.edu/">https://www.psgtech.edu/</a>
Upload any additional information	No File Uploaded

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

Major institutional decisions are taken by the following bodies as specified below.

- **Governing Council:** The Governing Council with the managing trustee as the Chairman and other members frames directive principles and policies, amend and approve policies from time to time, and approve budgets.
- The Principal assisted by Deans and HoDs carries out the policies of the governing council. Faculty members of the departments work in consonance with the HOD.
- Academic council approves the curriculum for various programmes offered with flexibility to make the course the most relevant through Boards of Studies.
- The Planning and Evaluation Committee suggest various plans for development of the Institution, and progressive measures to the management.
- The Finance Committee: Proposals relating to creation of posts, sanction of capital expenditure, annual accounts, financial estimates and audit reports are presented to the Finance Committee for advice.
- Controller of Examination Cell(CoE): CoE cell headed by full time Controller of Examinations schedules examination, valuations and publications of results with a good level of automation.
- Staff Selection Committee: Staff Selection Committee is constituted with the Chairman, Governing Council, Nominee of Governing Council, DTE, Two Subject Experts, SC/ST Nominee, Principal & concerned HODs as members.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.psgtech.edu/NAAC/criteria_6_2021-22.php">https://www.psgtech.edu/NAAC/criteria_6_2021-22.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**6.2.3 - Implementation of e-governance in**

**A. All of the above**

**areas of operation: Administration  
Finance and Accounts Student Admission  
and Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution follows an effective teaching and learning environment that supports career development and welfare of teaching and non-teaching staffs. In this regard, following are the key activities carried out in the institution.

- Faculty members with post graduate qualification are urged to pursue Ph.D and are given financial support wherever possible and access to online journals and e-resources through library.
- Faculty members are encouraged to organize and attend national and international conferences/workshops/seminars.
- Faculty members are empowered to create new courses and opportunities are provided to introduce them twice in a year through Board of Studies.
- Faculty members are allowed to network with similar group through Professional bodies. Active Memberships in professional bodies is given due recognition.
- Faculty members are permitted to pursue research/consultancy in their area of interest. The institute provides funds as seed money to the faculty for their research activities.
- Faculty contribution with regard to paper publication, book publication, project received, research accomplishment, obtaining of patents etc are duly recognized and honoured.

- Non-teaching staff are encouraged to acquire additional skills and qualifications.

Personality development programmes and soft skills and technical training programmes are arranged for supporting staff

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

43

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

34

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)



560	
File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>6.4 - Financial Management and Resource Mobilization</b>	
6.4.1 - Institution conducts internal and external financial audits regularly	
<p><b>Internal &amp; External financial audit</b></p> <ul style="list-style-type: none"> <li>• <b>State government grant:</b> Audit is conducted annually by the office of the State government Local Fund Audit and the consolidated report is submitted to the Directorate of Technical Education, Chennai, for further action. In case of discrepancies pointed out by the audit team, remarks from the institution are sought out and if found satisfactory, the issue is closed. If not found satisfactory, suitable corrective action recommended by the DoTE is informed to the institution for closure of the issue.</li> <li>• <b>Central government grant:</b> Audit is conducted by the Chartered Accountant appointed by the institution and relevant Utilization certificate signed by the Chartered Accountant and the Principal is sent to the sanctioning authority. Subsequently, audit is also carried out by the Accountant General's office for final approval.</li> <li>• <b>Management grant:</b> Concurrent Audit is conducted by the audit team of the accounts department of the PSG Trust. Annual audit is conducted by the Chartered Accountant appointed by the Management and the report is submitted to the Managing Trustee for further action.</li> </ul> <p><b>Physical verification:</b> In addition to the financial audits, physical verification of the assets are audited every year by the members nominated by Principal.</p>	

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

Nil

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

- **Students fee:** This is the major source of income. Curriculum design and teaching - learning process are well designed to make students employment ready which ensures all the seats filled to maximize the income. An exclusive placement office functions to support training and placement of students.
- **Sponsored research projects:** Faculty apply for financial support to funding agencies to work on their research projects and to modernize labs.
- **Industry Support :** Faculty collaborate with Industries to set up research centers.
- **Consultancy and testing revenue:** Faculty provide consultancy to Industries and undertake testing of equipment which generate revenue.
- **Non-formal and continuing education:** Revenue is also generated through programmes offered on state of art technologies and customized programmes for the Industries.
- **Management Contribution:** Management of PSG College of Technology funds for the infrastructure development.

- **Alumni contribution:** Many of our Alumni contribute for the scholarships to deserving students and for the endowments.

**Tamil Nadu State Government Grant:** 90% of the staff salary of government aided programmes is given by the Tamil Nadu State Government. The remaining 10% of the salary, full salary of the staff for the self-supporting programmes and other overheads are given by the management.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

### Interdisciplinary Project Ideas submission call (for seed funding) - IIC

PSG College of Technology has secured Band A ranking in ARIIA 2020 under Government and Government Aided Colleges. Best Innovation Stall award was won in the in the IIC South Zone Regional Meet conducted by Ministry of Education and AICTE on 8th August 2022 hosted at PSNA College of Engineering. The ideas of 80 student teams comprising of 500 students of PSG College of Technology have participated in the internal hackathon for Smart India Hackathon 2022.

### Provision for Turnitin Plagiarism check for Faculty

Turnitin - iThenticate is a plagiarism-detection software, designed to be used by researchers to screen written material for originality. Dr. GRD Memorial Library facilitates its users to check the similarity using the tool. We also facilitate plagiarism check for the papers communicated to the conferences organized by the departments of PSG College of Technology.

### Development of coding practice through coding club

The Coding Club's aim is to create and maintain a focused student community that dwells deeper into the art of developing practical applications using coding and computer science concepts. It strives to create and foster an active group of students who enjoy programming solutions and extend their domain knowledge to solve larger real-world problems.

- Weekly discussion.
- Participation in competitions conducted by Hackerrank, Hackerearth.
- Preparation for global coding competitions conducted by professional bodies
- Workshop and technical talks on various competitions.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.psgtech.edu/IIC/">https://www.psgtech.edu/IIC/</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

#### Teaching-learning process

Departments conduct internal Department Quality Circle meeting with the faculty members to review teaching-learning process in terms of Course Outcome attainment. Programme Assessment committee (PASCO), Programme Advisory Committee (PADCO) and Board of Studies (BoS) are created to monitor teaching-learning process, PASCO measures and compares attainment levels of learning outcomes. PADCO finalizes the course of actions. PASCO and PADCO findings are discussed in the BoS and the outcomes are presented to Principal and further for approval in the Governing council.

#### Academic Audit

Academic audit to monitor and review the performance of the programmes in the institution was conducted. Audit team evaluated the processes involved in the design and development activities of curriculum, teaching-learning

process, student learning assessment process, quality of resources, curricular and extra-curricular activities, faculty competencies, quality and quantity of research and consultancy outcomes. An audit report indicating commendation / recommendation for enhancing the system is shared.

Institutional reviews by experts through ISO

External Surveillance Audit is done by TUV-SUD to review the non-conformities, and proposes a corrective action with target date. A follow up audit, verifies the corrective action. Continuous Assessment Test (CAT), answer papers are audited and actions are taken for deviations. Department Status Report along with QMS computation will identify the performance, and opportunities for improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.psgtech.edu/tech%20bulletin.php">https://www.psgtech.edu/tech%20bulletin.php</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

## 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

Events pertaining to personality development that inculcated a sense of gender equality among the students were conducted by NSS units, NCC wings and the Physical Education department in association with the clubs and associations of the institution. Women Entrepreneurship was promoted through a series of Tech Talks. Anti-Ragging committee and an online portal called the Grievance Redressal Committee are framed to ensure a ragging free environment. Internal Complaint Committee takes care of complaints of students. A security system with CCTV surveillance covers the entire campus. Ladies hostel is monitored by both lady securities inside the hostel and male securities outside the hostel, 24/7. Boys and girls hostel students represent the Hostel Council Meeting for the welfare of hostel students. Counsellors relentlessly provided guidance to the students throughout the year ensuring students to settle into campus, cope with learning difficulties and assist students in exploring career pathways that suit them. Exclusive common rooms and washrooms are provided on campus for boys, girls and the differently abled where, the girls' washrooms are equipped with sanitary vending machines. Tree plantation and Jan Andolan Campaign on Covid-19 by NSS, and Evening with Entrepreneur webinar by E-club inculcated the socio-economic and entrepreneurship awareness among students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)**

- Solid waste management**

Solid waste is collected from different locations and disposed through vendors, Food waste and vegetable wastes in the hostel are used in bio-gas plant and gas generated is used for preheating purpose, Kitchen oil and coconut shell wastes are used in our crematorium.

- Liquid waste management**

Waste water in College and Hostel is treated using 1.5 MLD and 0.25 MLD plants. The treated water is used for gardening and discharged back into the environment.

- Biomedical waste management**

Bio-waste is not generated in the campus

- E-waste management**

All e-wastes are collected from the user departments and disposed through authorised vendor. MoU is being signed with M/s Green Era Recyclers.

- Hazardous chemicals and radioactive waste management

Not generated in the campus

- Waste recycling system

It is under process

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

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
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3.Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>B. Any 3 of the above</b></p>
---	-------------------------------------

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment,</b></p>	<p><b>B. Any 3 of the above</b></p>
---	-------------------------------------

etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
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, socio-economic and other diversities (within a maximum of 200 words).

The institution's initiative in bringing harmony include many activities conducted by various clubs and associations throughout the year. National Service Scheme conducted programs which imparted awareness on carbon neutrality and various environmental issues. One day camps to orphanages, cleaning camps at temples and 7 day special camps at villages gave the students an exposure to the outer world. Paathshala club and Book Readers club conducted events to celebrate the linguistic diversity of our country. Radio Hub conducted live shows with amazing themes. On Diwali and Pongal, Tek music brought out the musical talent among students. Youth Red Cross Society conducted events to bring out the best skills and character of students. Tamizh Mandram hosted Tazhal, an online poetry-and-prose competition where participants showcased their writing skills. Dramatix club brought out creativity in its best form. NCC organized a mass cleaning campaign of lakes and water bodies and the infantry wing participated in Puneet Saghar Abhiyan, which included cleaning and an awareness rally for the residents in Coimbatore. It also conducted sessions to celebrate International Yoga Day and took active part in the National Communal Harmony Fund that supports orphans and families all over India who were affected by communal riots.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
<p>7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:</p> <p>A mandatory course on 'Indian Constitution' is prescribed for all undergraduate engineering programmes in their 4th semester which helps to sensitize students on upholding the constitutional ideas, values like human rights and democracy, fundamental duties and rights of citizens. A course on 'Sociology, Ethics and Human Values' is offered by Humanities department to BE/BTech students from 2012. It also organizes a conference titled "Integrating Humanistic Values and Social Concerns with Technical Education" once in four years since 2006. The college observes and celebrates Republic Day, Independence Day and Constitution Day to remember the leaders of this great nation and imbibe their values to uphold democracy, sovereignty and protect the integrity of the nation at all times. NCC has been at the forefront of the Swachh Bharath Abhiyan since the campaign was launched. This year, NCC carried out a nationwide campaign to clean sea shores/beaches littered with plastic. The NSS organised a 7 Day Special Camp - Kanal, in the 5 adopted villages of NSS. With the motto of Each one, Plant one, Ecostreak was a reforming initiative, taken up by the NSS in which for 365 Days, 365 students successfully planted 365 saplings throughout the year, in four phases.</p>	
File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded
<b>7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization</b>	<b>B. Any 3 of the above</b>

**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 Annual awareness programmes on the Code of Conduct are organized**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

PSG Tech has an active Students Union under which various clubs function. Independence Day, Republic Day, Constitution Day, International Yoga Day were celebrated. Student Welfare Committee organized webinars on Yoga, Mental Health and Healthy lifestyle. Kriya 2022 was a massive success in providing the students with a platform to grow and excel technically. PSGCT celebrated Tech Day 2022 and the best outgoing students were awarded. Animal Welfare Club organized a webinar on "Things I wish I knew before getting my puppy" and a guest lecture on snakes. Artificial Intelligence and Robotics Club conducted two events, Airobiz and Humaze, respectively. The Evening with Entrepreneur series, Wreck and Sell, BID-E, E-Next, Beat Odds and Stockino were organized by the Entrepreneurs Club. Fine Arts Club organized Sketchitive and Artesium. The Global Leaders' Forum conducted a Mental Health Workshop. Youth Outreach Club hosted Manavar Illam Classes and Zest Time. Young Kalam Innovator, Trick & Trivia and Thought Rattle were organized by the Student Research Council. War of Words and Surge & Zeal were conducted by

Rotaract Club. Let's Talk was conducted by the English Literary Society. Radio Hub streamed many shows like Diwali Special Live, Maalai Neram Melodies and commemorated World Radio Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

[https://www.psgtech.edu/NAAC/criteria\\_7\\_2021-22.php](https://www.psgtech.edu/NAAC/criteria_7_2021-22.php)

File Description	Documents
Best practices in the Institutional website	<a href="https://www.psgtech.edu/NAAC/criteria_7_2021-22.php">https://www.psgtech.edu/NAAC/criteria_7_2021-22.php</a>
Any other relevant information	Nil

## 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

PSG College of Technology is a trendsetter in technical education. Our well qualified faculty, state-of-the-art facilities, modern curriculum and keen focus on developing professionals have elevated PSG Tech as one of the most sought after technical institute in the country. PSG College of Technology is visited by industry leaders from all domains for campus placement. Our curriculum ensures that students get to participate in multiple internship opportunities during the course of earning a degree at PSGCT. Our students

are exposed to actual work environments through these internships. PSG Tech graduates are recognized all over the world as innovative, technically sound, outstanding performers and excellent leaders.

PSG is ranked 2nd by ATAL in the Innovation and Entrepreneurship Development and we have an active Institution Innovation Council (IIC), which was established in the college for the same. The current priority of the institute is to encourage budding student entrepreneurs who can bring out innovative solutions in terms of products or services resulting in start-ups or patents through IIC. PSG Tech is ranked 57 under NIRF in Engineering category and 63 in Management category. Education World Indian has ranked PSG Tech in the 4th place in Private Engineering Institutes and India Today has ranked 9th and 7th in Engineering - Private and Engineering South Zone respectively. Times of India has ranked 9th and 5th in Engineering - Overall and Engineering South Zone respectively, whereas Outlook has ranked 8th and 4th in Engineering - Private and Engineering South Zone respectively.

File Description	Documents
Appropriate link in the institutional website	<a href="https://www.psgtech.edu/">https://www.psgtech.edu/</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

#### Plan of Actions:

- To organize a Research Conclave and encourage faculty and students to present papers.
- To organize Hackathon through IIC for students and promote student innovation and entrepreneurship by encouraging them to think out of the box and provide innovative solutions.
- To organize Science and Maths Olympiad and test the fundamentals of students of all programmes.
- To organize ATAL sponsored Faculty Development

Programmes in emerging areas.

- To encourage quality publications from faculty and scholars in order to improve the h-index of the individual faculty and college.
- To increase the number of citations per faculty of the college.
- To provide PhD fellowship for eligible candidates registering for full-time PhD and encourage existing PhD scholars to complete their PhDs in stipulated time by providing them support for publishing papers in peer reviewed journals and writing their PhD thesis.
- To increase the number of industry consultancy projects carried out by the faculty and students.
- To initiate a Coding Club for students and promote problem-solving skills through an inter-disciplinary approach.
- To organize a Workshop on Effective use of Digital Technology in Higher Educational Institutions for faculty.
- To organize awareness workshops for IPR and Patent filing.
- To encourage faculty to submit project proposals to various funding agencies.