



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	<b>P.S.R Engineering College</b>
• Name of the Head of the institution	<b>Dr. J. S. Senthil Kumar</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>04562239600</b>
• Alternate phone No.	<b>04562239091</b>
• Mobile No. (Principal)	<b>9655047282</b>
• Registered e-mail ID (Principal)	<b>principal@psr.edu.in</b>
• Address	<b>Sevalpatti</b>
• City/Town	<b>Sivakasi</b>
• State/UT	<b>Tamilnadu</b>
• Pin Code	<b>626140</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>01/03/2012</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. P. Pitchipoo**
- Phone No. **04562239606**
- Mobile No: **9841310110**
- IQAC e-mail ID **iqac@psr.edu.in**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

<https://psr.edu.in/wp-content/uploads/2022/11/AQAR-2020-21.pdf>

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

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<https://psr.edu.in/calendar-activities/>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.28</b>	<b>2021</b>	<b>19/04/2021</b>	<b>18/04/2026</b>
<b>Cycle 1</b>	<b>B</b>	<b>2.54</b>	<b>2014</b>	<b>10/12/2014</b>	<b>09/12/2019</b>

**6.Date of Establishment of IQAC**

**26/03/2014**

**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>Institution</b>	<b>12B</b>	<b>UGC</b>	<b>23/12/2014</b>	<b>Nil</b>
<b>Institution</b>	<b>2(f)</b>	<b>UGC</b>	<b>14/09/2011</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** 2

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- 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?** **Yes**

- If yes, mention the amount **30,000**

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

NIRF - 2023 submission \*Drive for increasing the enrollment of Students \*E-Course Material Development \*NBA - Mock Audit for UG programs of CSE, ECE and EEE - March 2024

AISHE submission

Academic Audit

AQAR Preparation

**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
Number of professional development training programmes organized	34
MOUs	20
Patent Filing / Publication	17
Patent Grant	3
Publishing Papers in peer reviewed Journals	55
Academic Audit	3

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Board of Management	30/06/2023

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

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>P.S.R Engineering College</b>
• Name of the Head of the institution	<b>Dr. J. S. Senthil Kumar</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>04562239600</b>
• Alternate phone No.	<b>04562239091</b>
• Mobile No. (Principal)	<b>9655047282</b>
• Registered e-mail ID (Principal)	<b>principal@psr.edu.in</b>
• Address	<b>Sevalpatti</b>
• City/Town	<b>Sivakasi</b>
• State/UT	<b>Tamilnadu</b>
• Pin Code	<b>626140</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>01/03/2012</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>
• Financial Status	<b>Self-financing</b>
• Name of the IQAC Co-ordinator/Director	<b>Dr. P. Pitchipoo</b>
• Phone No.	<b>04562239606</b>

• Mobile No:	9841310110				
• IQAC e-mail ID	iqac@psr.edu.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://psr.edu.in/wp-content/uploads/2022/11/AQAR-2020-21.pdf">https://psr.edu.in/wp-content/uploads/2022/11/AQAR-2020-21.pdf</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://psr.edu.in/calendar-activities/">https://psr.edu.in/calendar-activities/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.28	2021	19/04/2021	18/04/2022
Cycle 1	B	2.54	2014	10/12/2014	09/12/2019
<b>6.Date of Establishment of IQAC</b>			26/03/2014		
<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	
Institution	12B	UGC	23/12/2014	Nil	
Institution	2(f)	UGC	14/09/2011	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>	2				
• 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>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<b>30,000</b>
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
NIRF - 2023 submission *Drive for increasing the enrollment of Students *E-Course Material Development *NBA - Mock Audit for UG programs of CSE, ECE and EEE - March 2024	
AISHE submission	
Academic Audit	
AQAR Preparation	
<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
Number of professional development training programmes organized	34
MOUs	20
Patent Filing / Publication	17
Patent Grant	3
Publishing Papers in peer reviewed Journals	55
Academic Audit	3
<b>13. Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name of the statutory body	Date of meeting(s)
Board of Management	30/06/2023

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

Yes

- Year

Year	Date of Submission
2021-22	06/02/2023

### 15. Multidisciplinary / interdisciplinary

The following Multidisciplinary / interdisciplinary initiatives have been taken in PSR Engineering college: Choice Based Credit system is followed In PSREC. The students are encouraged to select course from other programmes as open electives for 6 credits 27 credits are allotted to Basic Science courses while the Humanities and Social Science including Management is having 7 credits in the curriculum. Multidisciplinary / interdisciplinary courses like Biology for Engineers, Professional Ethics in Engineering, Robotics, Mechatronics, Agriculture Electronics, Medical Electronics, Smart Materials and Structures, Biomaterials, Renewable Sources of Energy Medical Image Processing, Green Computing, Waste to Energy, Nanomaterials and Nanotechnology etc., are offered in the curriculum as elective courses. Mandatory courses such as Design Thinking, Essence of Indian Traditional Knowledge, Indian Constitution, Universal Human Values and Yoga are offered. Multidisciplinary / interdisciplinary projects are encouraged among the students Multidisciplinary / interdisciplinary seminars / conferences are being organized Multidisciplinary / interdisciplinary research publications are motivated among the scholars and faculty members.

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

PSR Engineering College (PSREC) has undertaken several initiatives to align with the NEP and implement the ABC system effectively: ERP Software Implementation: PSREC utilizes an ERP software called I-Boss to maintain and manage academic records. This system is crucial for accurately tracking students' credits and facilitating smooth credit transfers. Faculty Development: Faculty members are encouraged to attend seminars and Faculty Development Programs (FDPs) focused on the NEP. This ensures that



the faculty is well-informed about the policy's provisions and can guide students effectively. Credit Transfer Mechanisms: The college permits credit transfer from courses offered by NPTEL (National Programme on Technology Enhanced Learning) and SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds), in accordance with the regulations of the affiliating university (PSREC). This flexibility allows students to enhance their learning through diverse online platforms. Compliance with University Guidelines: PSREC is committed to following the guidelines issued by the affiliating university regarding the implementation of the ABC system. This adherence ensures that the college's practices are in line with the broader regulatory framework. Through these initiatives, PSR Engineering College aims to enhance the academic experience of its students by providing flexible learning opportunities and facilitating the smooth transfer of credits. This alignment with the NEP's goals is expected to contribute significantly to the policy's overall success in transforming higher education in India.

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

PSR Engineering college takes the following initiatives for Skill development: Skill development based courses like Robotics, Mechatronics, Agriculture Electronics, Medical Electronics, Energy Auditing and Conservation, Consumer Electronics, Maintenance Engineering, Non-Destructive Testing and Materials etc., are offered in the curriculum as elective courses. Value added courses like STADD-Pro, Pro-E, Ansys, Revit Architecture, ETABS, Primavera, Sketchup, Microsoft Project, FEM, GeoSoft, IoT, Cloud Computing etc., are regularly offered to the students Mini projects and final year project work also used to improve the skill level of the students. Central fabrication laboratory helps to the student to convert their idea into project using the skill / knowledge gained. The students are able to attend skill development courses under Naan Mudalvan scheme which is an initiative of Tamilnadu state government. Internship is mandatory for the students to get the degree Students are motivated to do the online courses like NPTEL / SWAYAM, Coursera etc to enhance their skill.

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

The initiatives taken by PSR Engineering college towards Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course): The institute actively engaged in spreading the rich heritage of our country

and traditional knowledge in the technical fields through various events like symposiums, workshops etc. Courses such as Essence of Indian Traditional Knowledge, Indian Constitution, Universal Human Values, Constitution of India, English for Research Paper Writing, Sanskrit for Technical Knowledge, Value Education, Pedagogy Studies, Stress Management by Yoga, Heritage of Tamils, Tamils and Technology Personality Development through Enlightenment Skills etc., are offered in the curriculum.

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

Outcome-Based Education (OBE) is a student-centric teaching and learning methodology designed to achieve specific objectives and outcomes through meticulously planned course delivery and assessment. The focus is on measuring student performance at different levels, ensuring that the educational process leads to the desired competencies and skills. Key Aspects of Outcome-Based Education Course Outcomes (COs): Statements that specify what a learner will be able to do as a result of a learning activity. Components: An action word that identifies the performance to be demonstrated. A learning statement specifying the knowledge or skills that will be demonstrated through the performance. Programme Outcomes (POs): The knowledge, skills, and abilities that students should possess upon graduating from a program. These outcomes are broader and encompass the overall competencies a student gains throughout their education. Programme Specific Outcomes (PSOs): Statements that describe what graduates of a specific subject or program should be able to do. These outcomes are more specific and narrow, detailing what students are expected to know and be able to accomplish upon graduation. Attainment of CO, PO, and PSO Bloom's Taxonomy: Introduction: Bloom's Taxonomy is utilized to attain the required competency levels of the students. It provides a hierarchical classification of different levels of cognitive skills, ranging from basic (remembering and understanding) to advanced (analyzing, evaluating, and creating). Software Support: ibossems: This software includes features related to OBE, such as: Entry of COs, POs, and PSOs. Question paper mark allocation aligned with COs, POs, and PSOs. Mapping of COs, POs, and PSOs to ensure alignment between teaching activities and learning outcomes. Tracking and analyzing the attainment levels of COs, POs, and PSOs to ensure that educational objectives are met. Implementation at PSR Engineering College At PSR Engineering College, the OBE framework is integrated into the academic processes through the use of ibossems software. This tool supports the comprehensive management of course outcomes, program outcomes, and program-

specific outcomes, facilitating the following: CO, PO, and PSO  
 Entry: Ensuring that all learning objectives are clearly defined and recorded. Question Paper Mark Allocation: Aligning assessment methods with the desired outcomes to ensure that evaluations accurately measure student competencies. Mapping and Attainment Tracking: Continuously monitoring and assessing the extent to which students achieve the defined outcomes, enabling data-driven improvements in teaching and learning practices. Through these measures, PSR Engineering College aims to provide an education that is not only aligned with industry and academic standards but also tailored to meet the specific competencies required by students to succeed in their professional careers.

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

Distance Education/Online Education at PSR Engineering College  
 Due to its affiliation with Anna University, PSR Engineering College (PSREC) is unable to offer distance education programs independently. However, the college has embraced various online education tools and platforms to enhance the learning experience for both faculty members and students. Initiatives in Online Education  
 Google Classroom: Usage: Google Classroom is the primary platform used for teaching and learning activities. Features: Course materials and assignments are uploaded for 24/7 access, ensuring that students can engage with the content at their convenience. Facilitates interactive learning and continuous engagement between students and faculty. Online Courses: Encouragement: Students and faculty members are actively encouraged to enroll in online courses available on platforms such as SWAYAM, NPTEL, and Coursera. Benefits: These courses provide additional learning opportunities beyond the traditional classroom setting, allowing individuals to expand their knowledge and skills in various subjects. Blended Learning: YouTube Lectures: Faculty members create and share lectures on YouTube to support a blended learning approach. Advantages: This method promotes flexible learning, allowing students to review lectures at their own pace and enhance their understanding of the subject matter. Benefits of Online Education Initiatives  
 Flexibility: Students can access learning materials and complete assignments at any time, providing flexibility that accommodates different schedules and learning paces. Accessibility: Online platforms ensure that educational resources are readily available, helping to bridge gaps for students who may have difficulty attending in-person classes. Enhanced Learning Opportunities: Access to a wide range of online courses from prestigious platforms enables students and faculty to pursue additional certifications and

specializations, broadening their academic and professional horizons. Continuous Learning: The integration of online tools fosters an environment of continuous learning and improvement, encouraging both students and faculty to stay updated with the latest developments in their fields. Through these initiatives, PSR Engineering College effectively leverages online education tools to complement traditional teaching methods, ensuring a comprehensive and flexible learning experience for its academic community.

## Extended Profile

### 1.Programme

1.1

14

Number of programmes offered during the year:

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

### 2.Student

2.1

2345

Total number of students during the year:

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

2.2

586

Number of outgoing / final year students during the year:

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

2.3

2345

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>

<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>582</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2 Number of full-time teachers during the year:	<b>184</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:	<b>184</b>
<b>4.Institution</b>	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	<b>497</b>
4.2 Total number of Classrooms and Seminar halls	<b>62</b>
4.3 Total number of computers on campus for academic purposes	<b>900</b>
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	<b>448.08</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curriculum Design and Development</b>	
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.

P.S.R. Engineering College (PSREC) introduced the Choice Based Credit System (CBCS) in 2015. Since then, Outcome-Based Education (OBE), aligning with the graduate attributes of the Learning Outcomes-Based Curriculum Framework is followed. This approach is in line with PSREC's vision and mission.

The curricula at PSREC have been thoughtfully developed to address local, national, regional, and global developmental needs. The institute follows a systematic procedure for the development, revision, and implementation of the curriculum across all departments. The curriculum is designed to ensure that students acquire the necessary domain knowledge, skills, and attitudes.

The initial version of the curriculum is developed with a focus on maintaining high academic quality. This involves careful consideration of course types, the number of electives, and the overall curricular structure, along with comprehensive details of course titles and content, in accordance with regulatory standards. Next, the Course Outcomes (COs) for each course are mapped to the Program Outcomes (POs) as defined by NBA and the Program Specific Outcomes (PSOs) of the respective program. Additionally, each program has three distinct Program Educational Objectives (PEOs), which are evaluated through the performance and feedback of alumni.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://psr.edu.in/">https://psr.edu.in/</a>

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

14

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	<a href="#">View File</a>

**1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year****433**

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
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****14**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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

To address cross-cutting issues such as gender, environment and sustainability, human values, and professional ethics, PSREC has integrated various courses into the curriculum.

1. **Gender Sensitivity** - Gender sensitivity and gender sensitization at PSREC are achieved through a blend of theoretical and practical approaches. The curriculum includes a course titled "Women Studies and Women Empowerment" in the MBA program. Students gain hands-on experience through fieldwork, community outreach, and gender sensitization activities organized by the Women Empowerment Cell (WEC).
2. **Human Values and Professional Ethics** - A course on Professional Ethics and Human Values is offered as a subject or open elective for all students to complete at least once during their program of study. In addition, the college supports various social development activities, including work with NGOs, organizing blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, and workshops on social issues, public health, and gender issues.
3. **Environment studies** - A 3-credit course on environmental and sustainability issues is included in all UG programs. Special events like Environment Day, Earth Day, and Water Day are celebrated annually, with active student participation.

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	<a href="#">View File</a>

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

26



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	<a href="#">View File</a>

**1.3.3 - Number of students enrolled in the courses under 1.3.2 above****1976**

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****903**

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://psr.edu.in/academic-feedback/">https://psr.edu.in/academic-feedback/</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	<a href="#">View File</a>

<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>
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://psr.edu.in/academic-feedback/">https://psr.edu.in/academic-feedback/</a>
Any additional information	<a href="#">View File</a>

## 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

620

File Description	Documents
Any additional information	<a href="#">View File</a>
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)

605

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

After the students got admitted to our institution, orientation programs are organized for the fresher to help them to understand the engineering curriculum. Introductory lectures for all the subjects are devoted to discuss and understand special needs of the students. Students are categorized based on their previous qualifying examination marks, assessment test and class room

performances.

Assessing the students based on internal examination helps to identify slow learners and advanced learners.

For slow learners, the department conducts special classes beyond regular working hours.

In addition to this, peer coaching and collaborative learning are practiced, study materials and handouts are provided. The students are comfortable to learn through Teaching and Learning System of our college.

Faculty advisors periodically monitor the performance of slow learners and accordingly special care is given to improve their academics.

In addition, Question banks are also provided and discussed to improve their Academic skills of all the courses.

Also LSRW based activities were provided in English language Laboratory.

The institute encourages them to participate in various activities like seminars, workshops, and literary competitions. The institute provides equal weightage to both curricular & extra-curricular activities.

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

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

Year	Number of Students	Number of Teachers
31/05/2023	2345	184

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

## 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 faculty members adopt the following student centric methods in order to enhance the learning experiences:

The laboratory / Practical classes, Industrial Projects, Internships and Industrial Visits provides Experiential Learning to the students. The curriculum offers more than 30 percent practical courses. The practical courses help the students to experiment the theory learned in the classrooms by performing various experiments using instruments /machineries / equipment's / software's. The institution encourages students for internships/industrial visit/field work and industrial training to enable students to have a real feel of industry environment and projects in industry.

Participative learning of the students is encouraged to present paper nations, participation in symposiums / technical events, undertaking industrial and in house projects. The students are actively participating in organizing the technical symposiums and association activities. They also act as volunteers in department and institutional level workshops, seminars and conferences. Students learn collaboratively by doing mini projects, and graduation projects during their course of study. It encourages students to think for themselves and provides students with an opportunity to gain professional values, knowledge, and skills. Problem Solving Students learn by working on problems. The students attain problem solving skills through the tutorials, assignments and design projects.

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

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

- The institution provides necessary ICT facilities such as LCD projectors with computer, smart interactive boards, LAN, Internet and Wi-fi to facilitate student centric learning process.

- Online courses content, simulation software and google classroom app are also used in the teaching learning process. The college supports the teaching and learning process enabled through various scholarly e-journals, e-books, Delnet, NDL, VLab, N-List, inflibnet, Shodhganga, NPTEL and SWAYAM courses.
- The students and faculty members can access the e-journals through our college LAN. All the classrooms and seminar halls are equipped with ICT facilities and public address system.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://psr.edu.in/ug-programs/mechanical-engineering/#Yes">https://psr.edu.in/ug-programs/mechanical-engineering/#Yes</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

125

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

Academic Calendar Committee comprising of Principal, Dean and Head of the Departments. Academic calendar is prepared according to the action plan prepared by the departments. The Academic Calendar is circulated to the students through notice board and college website. The calendar consists of dates for commencement of classes, internal assessment tests, practical exams, end semester examination, holidays and last working day. It adheres to the statutory guidelines and ensures 90 working days in each semester. A minimum of 4-week holidays is ensured to the students to take up in-plant trainings and internships. The copy of the academic calendar is distributed to the faculty members and all concerned.

Courses are allotted to the faculty members based on their choices and subject expertise. A class time table is prepared and circulated to the faculty members well ahead of the commencement of semester. The course lecture plan consists of Objectives, Course Outcomes, Number of periods required to complete a topic, total number of periods, assessment plan, text books, reference books, and mapping matrix of COs and POs. Individual faculty members maintain a log book for each course they handle. The details of the topics covered period wise in the classroom are entered in the log-book.

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

184

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

70

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	No File Uploaded

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

4

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

15

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
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

#### Processes/Procedures integrating IT:

- Examination Portal is managed with 'iboss' automation system
- Student profile and registration of courses
- Internal and End Semester Mark entry
- Hall ticket generation with the courses and exam dates

- Dummy number generation
- Entry of student attendance
- Conversion of marks into SGPA and CGPA
- Declaration of results through college website and also through SMS
- CCTV facility for safety and security of the COE office
- Photo copier machine interfaced with computer Printers for printing A3 & A4 size for mark sheets

#### Continuous Internal Assessment System:

- Performance are evaluated based on (i) continuous Internal Assessment Tests (IAT) and (ii) End Semester Examination
- The first and second internal assessment tests are conducted for one and half hours duration.
- The third internal assessment test is conducted for three hours duration covering the whole syllabus.
- Final Internal marks awarded based on the components of internal assessment tests (60%), assignments or miniproject (20%), seminar (10%) and attendance (10%).
- The performance of the test is analyzed during the class committee meeting.
- The corrective actions are planned accordingly for each subject in order to improve the performance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://psr.ibossems.com/">https://psr.ibossems.com/</a>

## 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

The Program Outcomes (POs), Program Specific Outcomes (PSOs) stated for all the programs of the institution are published in the college website and also displayed at prominent places in the department such as class rooms, seminar halls, faculty rooms, laboratory halls, entrance and department library. Also, made available in syllabus book, laboratory manuals and faculty course files. The course outcomes (COs) are given in the syllabus of every course. The syllabus also provides mapping of COs with both POs and PSOs. The students are issued a course syllabus copy and lesson plan with COs. The students are briefed about the course



outcomes, program outcomes and program specific outcomes at the start of the semester in the classes and also in the mentor meetings. During induction / orientation program, the vision, mission, POs, PSOs and COs are explained to the first year students and other stakeholders.

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

The curriculum and syllabus are developed by taking into consideration of all the POs and PSOs. COs of a course are measured by both the direct and indirect assessment tools. Direct assessments are made from the performance in continuous internal assessments, assignments, tutorials, mini project, seminars, quiz and end semester examination. Indirect assessment is made from the Course End Survey. The direct and indirect assessments are given 90% and 10% weightage respectively. The course end survey questions are framed by the course tutor to indirectly find the level of confidence of the students on the COs. At the end of the course, the course tutors measure the attainment COs based on the above assessment methods and report about his / her observations and actions need to be taken. Indirect assessment is done through Graduate exit survey (10% weightage) and employer survey (10% weightage). After the computation of POs / PSOs, a thorough analysis on these attainment levels is done by the department. This analysis helps to improve further the attainment of POs / PSOs. The proposed corrective, preventive and improvement potentials of the analysis are discussed in the Department Advisory Committee meeting before implementation.

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**

680

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	<a href="https://psr.edu.in/coe/">https://psr.edu.in/coe/</a>

**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://tinyurl.com/yf47a597>

**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 PSREC grants freedom to its students and faculty,

- To carry out research in their chosen field
- To approach any funding agency to seek support for their research work
- To report their findings and conclusions freely

The Institution has taken number of Initiatives for Promoting Research Activities as follows:

- Incentives for faculty for receiving external research grants.
- Cash incentives for writing technical & literature Books.
- Cash incentives for research publications in refereed
- National/ International journals.
- Financial assistance to faculty for presenting technical

papers in national, international conferences / workshops / FDPs / Seminars.

- Continuous augmentation of Centers of excellence/Research labs with state of art equipment and software.
- Supporting measures for patent filing.

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://psr.edu.in/research/">https://psr.edu.in/research/</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)

5.56

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)

0.45

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	<a href="#">View File</a>
Any additional information	No File Uploaded

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

3

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

5

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

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
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 has created an innovative ecosystem for project and product development. An incubation centre was developed to initiate the above and transfer of knowledge. The faculty members and research scholars are encouraged to take up research activities in the centre utilizing the existing facilities. PSR Innovation and incubation center (PSRIIC) initiated various activities for the career development of students in self-employment, startup initiatives, collaboration with research institutions and other industrial manufacturing related careers using various training programmes. PSRIIC also helps the students to organize seminars, workshops, conferences, entrepreneurial awareness programmes, inter/intra college competitions by enriching innovative ideas. PSRIIC inculcate the culture of innovative research practice, social issues identification, entrepreneurship qualities, creative ideas, business strategies, science and technological development and support to society on Nation building.

PSRIIC guides both faculty and students on Intellectual Property

Rights, Patentable research & Skill based training programmes for lifelong learning. PSRIIC which helps to reduce gap between industry and academics by organizing various events like skill development programs, Industry - Academia meets, guest lecture, etc., under the cell. Awareness programs of various schemes under MSME, Digital India and Make in India were conducted under PSRIIC.

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

61

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

A. All of the above

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**

7

File Description	Documents
URL to the research page on HEI website	<a href="https://psr.edu.in/research/">https://psr.edu.in/research/</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**

94

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**

121

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**

1444

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

### 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

27

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)

46

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

4.95



File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 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

In P.S.R Engineering College, the extension activities are carried out through the following forums:

- National Service Scheme (NSS)
- Red Ribbon Club (RRC)
- Youth Red Cross (YRC)
- Department Associations

#### Activities of NSS:

- Swachh Bharat Abhiyan (SBA) or Clean India Mission camp in local villages
- Blood donation camps
- Eye camp
- veterinary camp
- Tree planting.
- Road safety.
- Campus cleaning.
- NSS special camp

#### Activities of RRC:

- Awareness on blood donation.
- Blood donation camps.
- HIV awareness rally

**Activities of YRC:**

- Eye Camps.
- Health awareness programme.
- Awareness on Blood and Organ Donation.
- Stress Management

**Department Associations:** The student association of all the departments of our Institute also take part in the extension activities in the neighborhood community for its holistic development. Some glimpses of the departmental extension activities are:

- Fire safety programmes.
- Electrical safety.
- Conservation of energy.
- Use of solar / wind energy in agriculture
- Computer literacy to school students of nearby villages

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/nss/">https://psr.edu.in/nss/</a>

**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**

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
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)**

5

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

99

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**

208

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)**

46

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.

The institution is sprawled over an area of 27.9 acres of land with the built up area of 5,35,255 Sq.ft. Each department is housed in a separate building with adequate facilities and amenities for teaching and learning. In total, the college has 59 classrooms, infrastructure and facilities for 102 laboratories, 10 tutorial halls, 2 English Communication Laboratories, 8 seminar halls and computing facilities with computer student ratio of 1:2.8.

51 classrooms (about 90%) are equipped with LCD projectors and computers with internet connectivity. All 8 seminar halls are air conditioned and equipped with LCD projector with smart interactive board, computer with internet connectivity, podium and public address system. There is an air conditioned Auditorium with about 2500 seating capacity. There is a well-equipped board room in the administrative block. Each faculty member is provided a separate cabin with computer and internet connectivity.

Advanced Computing facilities with 855 computers including Intel Core-i7, Core-i5 computers. The college has 600 Mbps Internet connectivity from BSNL & Airtel with Wi-Fi facilities.

The college has 320 KVA & 125 KVA power generators to meet out the occasional power shut down and to provide continued power supply for laboratory classes, computer labs and for events.

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.)

Adequate facilities are available in the campus for playing indoor and outdoor games, sports, gymnasium, yoga and cultural activities.

The open play ground of 76,234 sq.ft is being used to conduct the games such as Football, Handball, Kabaddi, Tennis Courts, and Cricket fields. Also, it has 400m Athletic Track to conduct run

events and facilities to conduct Volleyball, Ball Badminton, Long jump, Shot-put, High jump, Hammer, Javelin Throw and Discuss Throw. A fully furnished indoor stadium with a multi gym facility has been established in the year 2002. Indoor Area is 14741 sq.ft.The gymnasium hall is established in the year 2002, which houses various exercise equipment including Six Station Multi-Gym, Motorized Tread Mill and Smith Machine..

The yoga is being practiced in the college since 2017. The size of the yoga centre is 1100 sq.ft. The seminar halls and the auditorium are utilized for conducting cultural programs.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/resources/indoor-stadium/">https://psr.edu.in/resources/indoor-stadium/</a>

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

60

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

24.94

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)

Our college library is automated with the details as below:

Name of the ILMS software:

Autolib Software Systems

Nature of automation:

(fully or partially)

Fully

Version:

V 8.2

Year of automation:

2003, Last updation in 2022

The college has a Central library with a carpet area of 16,721Sq.ft. including a reading hall accommodating 200 students. Our library is the greatest resource and we afford with Professional, Reliable and User- Friendly service to our students and faculties. It maintains separate collections of Reference Books, Bound volumes of journals, Technical Reports, Thesis, Video Cassettes, Compact Discs and Micro-forms covering various branches of Engineering, Humanities & Science and other books related to Competitive Examinations. The Books are arranged and classified according to the Universal Decimal Classification Scheme.

Library has 39518 volumes of books, E-Journals (about 10802) subscribed with IEEE ASAP and Springer, E-Books (about 17649),

3684 Educational CDs, 2911 back volumes and 4868 project reports, 320 deep learning books and collection of rare and special books, separate dictionary section.

Student entries are recorded by the E-Gate facility installed at the entrance. The users can access the E-Resources and know the availability / details of the books through the college OPAC facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/resources/library/">https://psr.edu.in/resources/library/</a>

**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	<a href="#">View File</a>

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

**12.61**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
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**

201

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

About 855 computers are available for both academic and administrative purpose including the recent additions and upgradations with 70 Intel Core i7 computers, 34 Intel Corei5 computers in the year 2021-22.

The campus is connected with LAN and Internet since its inception. Initially provided BW of 8 Mbps internet is upgraded to 20 Mbps in 2012-13, 60 Mbps in 2015-16, 100 Mbps in 2017-18 , 100 Mbps in 2021-22 and 600 Mbps in 2022-23.

College has various high speed advanced servers such as IBM X3650M3, Lenovo X3550M5 functioning as Domain servers, Education Management Server, Linux Server, Database Server and Moodle Server. All faculty members were provided with College Mail id (@psr.edu.in) through Google-Apps. Storage Area Network (SAN) of size 6TB capacity is available to ensure the reliable storage of data. Sonic Fire Wall (Internet Gateway for the college) is used to provide secured internet access.

Various other IT services and application portals supported by the Data center are Student Attendance (Student Attendance Monitory System), Exam Process Automation (Automation of Examination Process) and Faculty profile updation. Biometric based staff attendance system also has been implemented. All the departments are provided with a smart interactive board for teaching and learning process.

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
2345	855
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	
A. 750 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>	
A. All four of the above	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://psr.edu.in/lcs/">http://psr.edu.in/lcs/</a>
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>	
20.52	

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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 maintenance of the equipment of laboratories are taken care of by the respective departments. The technicians of the laboratories periodically monitors and maintains the working condition of the equipment / instruments / machinery in the laboratories.
- The ICT facilities such as computer, internet points and LCD projector are regularly monitored by the department technicians.
- Computer maintenance cell which takes care of the maintenance of computers, campus network, installation and upgradation. The technicians / system administrators attend the faults of the computer both software and hardware.
- Cleanliness & daily maintenance of the interior facility (classrooms, laboratories, library, hallway, and staircase) is done by housekeeping team of the institute under the supervision of the college maintenance in-charge.
- Power supply, Generators and Electrical Repairs are looked after by the by the electrical maintenance cell attached with the Electrical Engineering department.
- The cleanliness of the library is maintained by the campus maintenance team regularly. Electronic Gate Entry system is using for monitoring the user entry of students, faculty and others staff members.
- Playgrounds, courts and Indoor stadium are well maintained by the ground markers (two members) of the physical education department under the supervision of the physical director on regular basis.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/maintenance-cell/">https://psr.edu.in/maintenance-cell/</a>

#### 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>	
980	
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>
<b>5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year</b>	
626	
File Description	Documents
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>
File Description	Documents
Link to Institutional website	<a href="https://psr.edu.in/placement/">https://psr.edu.in/placement/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<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>	
1180	

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited 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**

**A. All 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	<b>No File Uploaded</b>
Upload any additional information	<b>No File Uploaded</b>

## 5.2 - Student Progression

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

**491**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

25

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**

0

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**

23

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded

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

The institute believes in giving opportunity to the students insupporting the authorities and the institute faculty in running the affairs of the institute. The various academic and administrative bodies and their activities which have student

representations on them are:

- Class Committee
- Internal Quality Assurance Cell (IQAC)
- Anti-Ragging Committee
- Grievance and Redressal Cell
- Sports Committee
- Training and Placement Cell
- Hostel committee
- Department Association
- Board of studies
- Academic council
- Library committee
- Sexual Harassment and Redressal committee
- Women empowerment Cell

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/grievance-redressal-system/">https://psr.edu.in/grievance-redressal-system/</a>

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

54

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	No File Uploaded

### 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

P.S.R Engineering College Alumni Association was formed in 2003 with the objective of fostering long-term relationships with the alumni. The association was registered under the Tamil Nadu Societies Registration act 1975 at Registrar of society, Virudhunagar (Ref. L.No.:358/2018).

The members of Alumni Association are also involved in the mentoring of students, placement, internship, Board of Studies, Result Passing Board and IQAC and infrastructural development.

Alumni Executive Committee meeting was conducted in PSREC Admin seminar hall on 05.05.2022. Thiru R. Solaisamy, Correspondent of P.S.R. Engineering College presided this Meet. Dr.B.G. Vishnuram, Principal P.S.R. Engineering College welcomed the gatherings. Felicitation address was given by Dr. P. Marichamy, Dean. Mr. K.M. Bakkiyaraj, (2003 Batch), Group Business Specialist, HCLTECH and Mr.K.Venkateshwaran, Software Engineer and also various executive committee members discussed about the conduction of Alumni meet on 28.05.2022 and about the expenses of the hand ball tournament conducted on 09.04.2022. And other alumni-academic interactions for the upcoming months. Mr.S.Dhayalan, Manager, Astute Software, Thiruthangal discuss about the skills required in the industrial sectors.

The Alumni Association of P.S.R Engineering College organized "ALUMNI MEET 2022"- a programme to facilitate, consolidate and coordinate Alumni Activities at P.S.R Engineering College in Auditorium on 28th May 2022.Mr. Meghanath Reddy IAS, District Collector-Virudhunagar, was the chief guest of the Alumni meet.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://psr.edu.in/alumni/">https://psr.edu.in/alumni/</a>

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

C. 5 Lakhs - 10 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

The vision and mission statements of the institution act as a driving force and guide for all stakeholders, guaranteeing

concentrated efforts towards goals of the institution. The mission statements are consistent in attaining the vision, with clear and quantifiable objectives. With clearly established policies and procedures to guarantee transparency in academic, research, and administrative operations, the institution operates in a decentralized manner with transparent processes in place for all activities and decisions. The Board of Management is in charge of formulating and amending rules, creating strategies, delegation of power and making policy choices. The Academic Council and the Board of Studies fulfill certain roles and duties in compliance with legal and regulatory requirements. The Principal, with the assistance of department heads and deans, oversees the seamless operation of the establishment. Activities related to research and examination are coordinated by the Controller of Examination and the Dean-Research, respectively. Program coordinators work with faculty members to oversee particular programs. Class in charges conduct periodic committee meetings to cooperate with students, gather feedback, and grievance addressing. The institution functions various committees such as Press and Publicity, Library, Standing, Selection, Finance, Hostel, IIIC, ISTE, IETE, YRC, RRC, NSS, EDC, Sports, and IQAC, etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://psr.edu.in/about-us/">http://psr.edu.in/about-us/</a>

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

The institution works with a decentralized arrangement and apparent mechanisms across all its decisions and activities, supported by distinct policies and procedures to guarantee transparency in academic, research, and administrative functions. Board of Studies and Academic Council ensures the Academic decisions. Financial decisions are made by the finance committee. Board of Management (Governing Council) decides the policies, formation of rules and amendments and strategy planning. The Deans and Department Heads assist the Principal in ensuring the institution runs well..

The Controller of Examinations oversees the planning, carrying out, and monitoring of examination-related operations. Program coordinators work in tandem with department heads to ensure smooth



department operations. Class advisors confirm the smooth conduction of classes, while lab in-charges take care of all laboratory activities. Co-curricular, extra-curricular, research, and extension activities are planned and executed by various forums, cells, and administrative setups such as IQAC, Library Committee, Standing Committee, Recruitment Committee, Press and Publicity Committee, Hostel Committee, Sports Committee, ISTE, IETE, YRC, RRC, NSS, and EDC . The organization's dedication to openness and effective operations is demonstrated by the distinct division of roles and decision-making procedures across administrative, extracurricular, and academic activities.

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	<a href="https://psr.edu.in/organizational-chart/">https://psr.edu.in/organizational-chart/</a>

## 6.2 - Strategy Development and Deployment

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

The college has a clear strategic plan that aims to achieve greatness in five key areas: faculty, research, academics, students, and society. Proposed performance indicators with predetermined targets are used to support each part and evaluate how well the strategies were attained. Performance indicators and targets for assessment are allied with each. Regular action plans, activities of various bodies, and the allocation of resources ensures the attainment of these strategies. All stakeholders must be involved at different levels in order to ensure that the strategic plan is executed successfully. By arranging performance indicators with clearly defined strategies and involving all stakeholders in the execution process, the institution demonstrates its commitment to attaining excellence across academic, research, faculty, student, and societal domains.

**Strategy 4.3: Filing of Patents**

**Indicator: Number of Patents**

**Target : Atleast two patents per department**

Period of Review : Every Year

The patent strategy is an important tool for creating value and reflects a coordinated effort for developing, managing and using patents to accomplish goal of the Institution. The patent strategy is composed by three dimensions: intent, strategy, and management. The number of research patents have been increasing annually, reflecting the institution's commitment to fostering research.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/wp-content/uploads/2023/06/STAGERGIC-PLAN-2020-25.pdf">https://psr.edu.in/wp-content/uploads/2023/06/STAGERGIC-PLAN-2020-25.pdf</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.

The college's administrative structure is well-organized to support its efficient operation. The organogram typically outlines the hierarchical arrangement of the institution, portraying the relationships and relative ranks of its several components. At the top of the hierarchy, the Governing Council is liable for articulating policies, major decision making, and confirming adherence to regulatory guidelines. Directly reporting to the Governing Council, the Principal supervises the overall functioning of the institution. The Deans or Heads of Departments manage particular areas such as academics, research, or student affairs. Departments such as Administration, Finance, Human Resources, and Academic Affairs support the core functions of the institution. Faculty members, administrative staff, and support personnel form the operational workforce of the institution.

The institution has well-established policies, and rules adhering to the guidelines of statutory bodies. These policies and procedures are periodically reviewed and updated as necessary during Governing Council meetings. They are made accessible on the college website and are circulated to all concerned parties. Some of the policies and procedures contained in the manual may include:

- Human Resource Planning
- Leave Policy
- Recruitment Policy
- Research and Consultancy Policy
- Discipline and Grievance Policy
- Incentives Policy
- Examination Procedure

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://psr.edu.in/organizational-chart/">https://psr.edu.in/organizational-chart/</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://psr.edu.in/college-policy/">https://psr.edu.in/college-policy/</a>

### 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) 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 has a collection of welfare actions for both

teaching and non-teaching staff to upkeep their personal and professional growth

- Employees Provident Fund (EPF)
- ESI facility for non-teaching staff
- Group Insurance
- Concessional transport facility for faculty members and free transport for non-teaching staff.
- Leaves including casual, maternity, and medical leaves
- Financial support and incentives for attending conferences, workshops, and seminars, as well as for publications in journals and books.
- Incentives for high academic performance, consultancy activities, and long-term service recognition.
- Sports and gym facilities to inspire physical well-being.
- Accessibility of a Bank of India branch with ATM facility on campus.
- Importance in admission and concession of fees for the wards of staff members.
- On-duty leave for attending FDPs, conferences, and workshops.
- Provision of free overcoats for female faculty members, and free uniforms for drivers, lab technicians, electricians, and office assistants.
- Availability of festival advances to support staff during festive occasions.

These welfare measures are intended to provide a holistic support system for the teaching and non-teaching staff, addressing various aspects of their well-being and professional development. They reflect the institution's commitment to creating a conducive and supportive work environment for its employees.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://psr.edu.in/wp-content/uploads/2024/04/Audited-Statement-2022-23.pdf">http://psr.edu.in/wp-content/uploads/2024/04/Audited-Statement-2022-23.pdf</a>

**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**

65

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.)

160

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

The institution has a vigorous system in place for monitoring and executing its budget, confirming transparency and compliance with regulatory requirements.

- The utilization and execution of the budget are scrutinized

by internal and external auditing processes.

- Internal audits are carried out semi-annually, while external audits are conducted annually by a Chartered Accountant at the end of each financial year.
- The findings of the institution are consolidated and annual returns are submitted to relevant authorities such as the Income Tax Authorities, Registrar of Societies, and other pertinent entities by the External Auditor.
- The Finance Committee regularly involves in financial planning and analyses fund utilization by the college and department-level activities.
- The committee assembles two times a year to measure the financial status and proposes further action plans based on the reviews.
- The Finance Committee has the power to allow spending beyond the allotted budget based on request and requirements, providing suppleness in allocation of resource.
- Funds received from the government, comprising scholarships such as post-matric scholarships, backward community scholarships, and first-generation graduate scholarships, are audited by respective government auditors by document verification and disbursal validation.
- The financial section of the college meticulously maintains records of every online financial transaction, ensuring accuracy and transparency in financial operations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/audit-statement/">https://psr.edu.in/audit-statement/</a>

#### **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)**

5.83

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

The institution has a comprehensive resource mobilization policy and procedures:

- Tuition fees are the college's main source of income; these are transferred into fixed deposits and withdrawn in accordance with the institute's regulations.
- Other sources of income include transportation costs, examination fees, government grants and money, consulting fees, training expenses, contributions from alumni, individual contributors, and philanthropists.
- Financial statements through Annual audits confirm the transparency and accountability in operations of finance.
- The institution guarantees utilization of optimal fund by a inclusive budget plan, with every department and section submitting proposals for budget in the starting of the financial year.
- The finance committee combines and reviews these proposals to allocate funds for various needs, including infrastructure development, salaries, research, training activities, ICT tools, green campus initiatives, extension activities, transport, maintenance, welfare measures, and the library.
- Financial support is stretched for the conduction of seminars, workshops, symposiums, association activities, faculty development programs, conferences, extracurricular activities, sports and games, social extension activities, and scholarships for economically backward and meritorious students.
- The utilization of allocated funds is regularly monitored and audited at the end of each financial year, assuring accountability and efficient budgeting.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://psr.edu.in/audit-statement/">https://psr.edu.in/audit-statement/</a>

## 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)

Internal Quality Assurance Cell (IQAC) of the college has contributed significantly for institutional quality assurance strategies and processes at all levels. The quality parameters for various aspects of the institution are listed below:

- Teaching and Learning
- Percentage of curriculum aligning with the AICTE model curriculum
- No of seminars / workshops / guest lectures organized
- Monitoring the evaluation of OBE - CO, PO and PSO attainments
- Internal academic auditing
- Analysis of Students' feedback on teaching faculty
- Monitoring the conduction of class committee meetings
- Analysis of faculty performance appraisal
- Remedial classes for weak students
- Promotion of ICT
- Practice: Outcome Based Education (OBE) OBE is a student centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance at different levels. Some important aspects of the OBE are as follows:
  - Course Outcomes (COs)
  - Programme Outcomes (POs)
  - Program Educational Objectives (PEOs)
  - Programme Specific Outcomes (PSOs)
  - Attainment of CO, PO and PSO
  - Blooms' taxonomy has been introduced to attain the required competency levels of the students. The software 'ibossems' includes the features related to OBE (CO, PO and PSO &



- mapping
- and attainment).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://psr.edu.in/igac/">http://psr.edu.in/igac/</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

The IQAC has significantly contributed towards improving the teaching and learning process and research environment in the institution. To ensure the activities of TLP academic audits are conducted regularly by IQAC. Ongoing course review is done in Class Committee Meetings. Feedback is collected every semester on the curriculum and the faculty performance. For curriculum development, the feedbacks are received from all the stakeholders regularly. These feedbacks are analysed and needed actions are taken and incorporated in the system. Feedback also collected from the students about the course teachers every semester. This process helped to identify and evaluate the faculty competency level and their training needs. Every semester the internal academic audit is conducted for all the courses being offered in all programmes. Senior faculty members of the Institution are appointed as auditors to perform the internal academic audit and senior faculty members from other reputed institution / University are involved in conducting external academic audit. During the audit the following documents / parameters are being verified:

- Academic Calendar
- Log-book of Faculty
- Course File
- Course Material
- Use of ICT in Teaching and Learning
- Syllabus Coverage
- Quality of Question Papers
- CO, PO and PSO evaluation
- Student Records

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://psr.edu.in/academic-feedback/">https://psr.edu.in/academic-feedback/</a>

**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://psr.edu.in/igac/#minutesigac">https://psr.edu.in/igac/#minutesigac</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

## **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

**Number of gender equity promotion Programmes organized by the institution: 07**

**A functional Grievance Redressal Cell in the Institute ensures the safety and security of the girl students and women staff. Full time securities in girl's hostel guarantees the safety of hostel inmates. The following facilities are provided to enhance the safety and security in the Institute premises:**

**Deployment of CCTVs across the campus for round-the-clock surveillance. Separate timings for girls to utilize the GYM. For**

safer transport 32 College buses and 16 Government buses exclusively for the college are operated Separate leisure room for boys and girls. Programmes on women safety is regularly organized by Police Department. A lady Physical Education Trainer(women) is available to train and motivate the girl students to participate in sports activities.

The Common Room is a room in the college for use of students or staff beyond the class hours. In the college common rooms with all facilities are available for both boys and girls.

Common Room for Boys and Girls Common rooms are spacious and airy. Newspapers are made available in the common rooms. Notice boards are available. Provision for the students to meet their parents/guardian.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://psr.edu.in/grievance-redressal-system/">https://psr.edu.in/grievance-redressal-system/</a>

**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 wastes are collected every day and transferred to the nearest land fill and disposed as per State Pollution Control Board norms. Adequate number of twin waste bins are placed at appropriate places within the premises of the college to collect both Dry and Wet Wastes. The used papers are transferred to a nearby paper and board industry for recycling. Leaf litter is allowed to decompose systematically over a period of time to be

used as manure for the gardens in the institute. The food and vegetable wastes are used for biogas plant of the campus.

The liquid waste from hostels and kitchens are let out as effluent into a proper drainage facility and to avoid stagnation. The wastewater originating from the bathrooms and toilets were collected by two pipe system, where the one pipe carries wastewater due to batching, washing of clothes, cleaning was collected in one pipe and the other one carries human feces and night soil. This system of collection facilitates proper and effective treatment and sewage disposal. Sewage treatment plant of capacity 50,000 liters per day was installed in the campus and properly maintained.

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

A. Any 4 or All of the above

<b>4. Ban on use of plastic</b>	
<b>5. Landscaping</b>	
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	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy undertaken by the institution</b>	
<b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b>	<b>A. Any 4 or all of the above</b>
<ol style="list-style-type: none"> <li>1. Green audit</li> <li>2. Energy audit</li> <li>3. Environment audit</li> <li>4. Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol>	
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
<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:</b>	<b>A. Any 4 or all of the above</b>

accessible website, screen-reading software, mechanized equipment, 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	<a href="#">View File</a>
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 institute is regularly taking efforts to promote better education, economic upliftment of the needy, and set communal harmony by organizing several programs through various forums. Few events are listed below:

- Swachh Bharat Abhiyan (SBA) or Clean India Mission camp in local villages
- Blood donation camps
- Eye camp
- veterinary camp
- Tree planting
- Removal of seemai karuvelam (Prosopis juliflora)
- Awareness on Self-hygiene
- Awareness on Plastic free environment
- Voter awareness
- Awareness on Firework safety
- Awareness on Road safety
- Dengue Awareness Program
- HIV awareness rally
- Health awareness programme
- Awareness on Organ Donation
- Electrical safety
- Conservation of energy
- Use of solar / wind energy in agriculture
- Awareness on Digital banking

- Women Safety
- Awareness on Self-employment
- Use of bio fertilizers
- Computer literacy to school students of nearby villages

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:

PSREC is giving holistic all round education to the students and also sensitizing students and employees on our constitutional rights, values, duties and responsibilities. This is done through curriculum as well as through extracurricular activities. As per AICTE recommendation, Constitution of India course is introduced at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. The courses Environment Science and Engineering and Professional Ethics also give insight into environment acts, wildlife protection act, forest act, global environmental concerns and ethics in the professions. In addition to this many regular programs are conducted by associations and forums on various rights, duties and responsibilities of citizen. Every year Independence Day, Republic Day and other national days of importance are celebrated.

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 monitor adherence to the Code of Conduct Institution**

A. All of the above

**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

Institution celebrates national and international commemorative days, events and festivals. These events are organized with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to great National Leaders.

Republic day - Republic day is celebrated on 26th January every year, commemorating the adoption of Indian constitution.

Independence Day -It is celebrated every year on 15th of August, parades and flag hoisting is organized to remember our national leaders and their sacrifices.

Gandhi Jayanti - It is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff.

Dr. A.P.J. Abdul Kalam Birth Anniversary: It is celebrated on October 15 every year.

International Yoga day - It is celebrated on 21st June every year.



The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware of it.

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	<a href="#">View File</a>
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

### TITLE OF THE PRACTICE: PATENT FILING

The objective is to file the utility / design patent using the innovative projects and ideas of the students and faculty and try to develop it into products. It also helps to protect interest of the concern student and faculty community who rendered their valuable ideas. Most of the ideas are so precious and sometimes unnoticed by the global research community and also sometimes the ownership of the original ideas is disclaimed by others. To avoid such conflicts and encourage the academic community to share their innovative ideas confidently, patenting culture is adopted as one of the best practices of our institute.

The number of Patents filed from the institute is drastically increased when compared with the previous years. In the academic year 2020-2021 the total number of Patents filed is 18 and the number raised to 27 in the year 2021-2022. During the year 2022-23 it becomes 44. The number of granted patents are 12.

File Description	Documents
Best practices in the Institutional website	<a href="https://psr.edu.in/iqac/#practicesiqac">https://psr.edu.in/iqac/#practicesiqac</a>
Any other relevant information	<a href="https://tinyurl.com/mryp25xk">https://tinyurl.com/mryp25xk</a>

## 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)

PSREC was started with a vision to impart technical education to uplift the rural populace and they can also contribute to the society. The strategy is to enable engineering education to the wards of illiterate and poor from surrounding rural area which include the workers of firework industries, small scale farmers and coolies. More than 50% students are the first generation graduates. Every year fee waiver / fee concession is given to economically backward students on need basis. Most of our students have completed their +2 through Tamil medium. PSREC provides a special concentration on language skills with the aid of soft skills training by both our faculty and external agencies. PSREC aims at instilling a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. The department associations motivate the students to participate in conferences, guest lectures, workshops organized throughout the year, through which the students are exposed to the outside world. Placement cell train the rural students with additional care and prepared them to face their campus interviews effectively. PSREC encourages participation of students in inter collegiate events to enhance the confidence and competence of the students.

File Description	Documents
Appropriate link in the institutional website	<a href="https://psr.edu.in/igac/#sistinctivenessigac">https://psr.edu.in/igac/#sistinctivenessigac</a>
Any other relevant information	<a href="#">View File</a>

7.3.2 - Plan of action for the next academic year

- Motivate the faculty and students for filing patent & copyrights
- Motivate the faculty and students to publish articles in SCI & SCIE journals
- Organize one international conference
- At least one research proposal per PhD faculty
- Organize FDP / STTPs on emerging areas
- NIRF ranking
- NBA for UG Biotechnology
- NBA compliance for UG Mechanical Engineering
- Research center approval for eligible departments