



## YEARLY STATUS REPORT - 2020-2021

### 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. B. G. Vishnuram</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>9791438810</b>           |                                  |
| • Mobile No. (Principal)   | <b>8778830769</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>04562239600</b>  |                |                             |                   |                   |
| • Mobile No:   | <b>9841310110</b>   |                |                             |                   |                   |
| • IQAC e-mail ID   | <b>iqac@psr.edu.in</b>  |                |                             |                   |                   |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>  | <a href="https://psr.edu.in/wp-content/uploads/2021/06/AQAR%202019-20.pdf">https://psr.edu.in/wp-content/uploads/2021/06/AQAR%202019-20.pdf</a> |                |                             |                   |                   |
| <b>4.Was the Academic Calendar prepared for that year?</b>   | <b>Yes</b>  |                |                             |                   |                   |
| • 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       |
| <b>Cycle 1</b>   | <b>B</b>  | <b>2.54</b>    | <b>2014</b>                 | <b>10/12/2014</b> | <b>09/12/2019</b> |
| <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>6.Date of Establishment of IQAC</b>   |   |                | <b>26/03/2014</b>           |                   |                   |
| <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            |                   |
| <b>Institution</b>   | <b>12B</b>  | <b>UGC</b>     | <b>23/12/2014</b>           | <b>-</b>          |                   |
| <b>Institution</b>   | <b>2(f)</b>   | <b>UGC</b>     | <b>14/09/2011</b>           | <b>-</b>          |                   |
| <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>   | <b>2</b>         |
| <ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>       | <b>Yes</b>       |
| <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>No</b>        |
| <ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>   |                  |
| <b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>  |                  |
| NAAC Peer Team Visit on 09.04.2021 & 10.04.2021  |                  |
| NIRF - 2021 submission - February 2021   |                  |
| NBA - Self Assessment Report submission for UG programs of Mechanical, Civil and Biotechnology - April 2021  |                  |
| Drive for increasing the enrollment of Students  |                  |
| E-content 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 |
| Publishing Papers in peer reviewed Journals                                  | 163                   |
| Patent Filing / Publication  | 19                    |
| Books/ Book Chapters   | 25                    |
| Financial Grant from Government Agencies                                     | Rs. 20,11,000         |
| Consulancy   | Rs. 25,42,000         |
| MOU  | 7 Nos                 |
| No. of events organized  | 37                    |
| Extension Activities   | 29                    |
| <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  | 05/10/2021            |
| <b>14. Was the institutional data submitted to AISHE ?</b>                   | <b>Yes</b>            |
| <ul style="list-style-type: none"> <li>Year</li> </ul>                       |                       |
| Year   | Date of Submission    |
| 05/02/2020   | 05/02/2020            |

### Extended Profile

#### 1. Programme

1.1

13

Number of programmes offered during the year:

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

## 2.Student

2.1 2176

Total number of students during the year:

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

2.2 637

Number of outgoing / final year students during the year:

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

2.3 2131

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

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

## 3.Academic

3.1 582

Number of courses in all programmes during the year:

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

3.2 184

Number of full-time teachers during the year:

## Extended Profile

### 1.Programme

|   |           |
|---|-----------|
| 1.1   | <b>13</b> |
| Number of programmes offered during the year: |           |

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

### 2.Student

|   |             |
|---|-------------|
| 2.1                                       | <b>2176</b> |
| Total number of students during the year: |             |

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

|   |            |
|---|------------|
| 2.2   | <b>637</b> |
| Number of outgoing / final year students during the year: |            |

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

|  |             |
|--|-------------|
| 2.3  | <b>2131</b> |
| Number of students who appeared for the examinations conducted by the institution during the year: |             |

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

### 3.Academic

|  |            |
|--|------------|
| 3.1  | <b>582</b> |
| Number of courses in all programmes during the year: |            |

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

|  |                           |
|--|---------------------------|
| 3.2  | 184                       |
| Number of full-time teachers during the year:  |                           |
| File Description   | Documents                 |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |
| 3.3  | 184                       |
| Number of sanctioned posts for the year:   |                           |
| <b>4.Institution</b>   |                           |
| 4.1  | 442                       |
| Number of seats earmarked for reserved categories as per GOI/State Government during the year: |                           |
| 4.2  | 55                        |
| Total number of Classrooms and Seminar halls   |                           |
| 4.3  | 822                       |
| Total number of computers on campus for academic purposes                                      |                           |
| 4.4  | 58103148                  |
| Total expenditure, excluding salary, during the year (INR in Lakhs):                           |                           |

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

- The primary objective of the institute is to develop technocrats who can effectively perform in the emerging globalism and contribute to national development. The institute judiciously curriculum keeping in mind the needs of the nation and the region.
- The Program Educational Objectives (PEOs), the Program Outcomes (PO) and Program Specific Outcomes (PSO) are

established for all the programs offered in our institution, in consultation with faculty, students, alumni, BOS members, members of professional bodies and industry professionals

- To attain PO & PSO, Course Outcomes (COs) are defined in line with the revised Bloom's Taxonomy.
- Effective course design is done based on the guidelines of AICTE & affiliating university,
- Curricula of all the programs covers multiple facets of providing engineering knowledge, desirable attributes, professional ethics and relevant technical and non-technical skills.
- Board of Studies (BOS) and Academic Council with domain experts from reputed organizations/industry formulate the syllabi for all the disciplines taking into consideration the suggestions of stakeholders.
- The institution periodically reviews and upgrades the curriculum and to meet the demands of the industries.
- The feedback of stakeholders (students, industry, alumni), assist us to identify the current demands of the industry and the technological advancements which helps in redesigning the curricula.

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

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

13

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

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

18



| 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  | No File Uploaded          |

## 1.2 - Academic Flexibility

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

18

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

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

13

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

## 1.3 - Curriculum Enrichment

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

- Curriculum offered in the institute addresses several major

issues such as Gender, Environment and Sustainability, Human Values and Professional Ethics.

- Various student clubs i.e., Entrepreneurship Development Cell, Innovation cell etc. are actively functioning to promote the values and importance of Environmental protection, Gender equity, Human values and ethics.

#### Courses addressing Gender Issue:

- Indian Constitution and Society
- Human Resource Management
- Industrial Relations & Labour Welfare
- Managerial Behavior and Effectiveness
- Legal Aspects of Business
- Labour Legislations

#### Courses addressing Environment and Sustainability:

- The curriculum includes many courses that address Environment and Sustainability.
- The course "Environmental Science" is offered to all the UG programme (based on the AICTE mandatory guideline). In addition to the above the following courses are offered:

#### Courses to address Human Values and Professional Ethics:

- The curriculum includes various courses to address Professional Ethics and Human Values. The courses "Professional Ethics in Engineering & Engineering Economics and Management" are offered to all UG programmes. Research Methodology course is offered in all PG programmes.

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

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

23

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

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

**1290**

| 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**

**474**

| File Description  | Documents                 |
|---|---------------------------|
| List of programmes and number of students undertaking field projects / internships / student projects | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

**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  | No File Uploaded  |

|   |   |
|---|---|
| <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

556

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

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

368

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

### 2.2 - Catering to Student Diversity

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

In first year of the programme, bridge courses are offered on Physics, Chemistry, Mathematics and Computing Fundamentals. Students admitted through lateral entry are offered extra classes to bridge the gap particularly in the mathematics. In addition to this, as per recommendation of AICTE, student induction program is also conducted for first year admitted students before the

commencement of classes.

The learning levels of the students are assessed based on performance in Internal Assessment test and CGPA. The Students are categorized as 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 is practiced, study materials and handouts are provided and the students can able study using Learning Management System of our college.

Advanced learners are encouraged to develop their creativity, showcase their innovative ideas, analytical and problem solving skills, the students are motivated to organize, participate in various technical events, paper presentations and project contests. Further, Gate coaching, opportunity to walk with industrial experts, utilization of laboratory beyond working hours, permission to take additional books in library, access to all software's and cash prize to academic toppers are also provided to the advanced learners.

| 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 |
|------------|--------------------|--------------------|
| 30/04/2021 | 2130               | 178                |

| 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 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.

**Experiential Learning** The laboratory / Practical classes, Industrial Projects, Internships and Industrial Visits (minimum one per semester) provides Experiential Learning to the students. Students are taken for industrial visits to face future challenges of quality, competition, efficiency and excellence. They are equipped to work and innovate at an accelerating pace by attending in-plant training.

**Participative Learning** Participation helps to showcase skills evaluate outcomes and uncover personal aptitude. Competitions and workshops also encourage students to adopt innovative techniques and develop their ideas and skills.

**Problem Solving** Students learn by working on problems. The students attain problem solving skills through the tutorials, assignments and design projects. The tutorial classes are monitored and facilitate the students in solving the problems. This enables the students to learn new knowledge by facing the problems to be solved.

**Self-Learning** Independent learning is encouraged through assignments, seminars and project presentations. Certain percentage of Internal marks is reserved for these components of learning. Delnet, inflibnet, NDL, VLab and N-List features supports the students for self-learning.

| File Description                  | Documents  |
|-----------------------------------|--|
| Upload any additional information | <a href="#">View File</a>  |
| Link for additional Information   | <a href="http://psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C2/2.3.1.pdf">psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C2/2.3.1.pdf</a> |

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

The faculty members of PSREC use Information and Communication Technology (ICT) in Teaching and Learning to enhance the delivery. The following ICT tools are provided by the Institute:

- LCD projectors with computer
- Smart interactive boards
- LAN,

- Internet and Wi-fi
- Online courses content
- Simulation software
- Google classroom app
- Digital Library resources (DEL NET)
- E-Journals&E-Books
- NPTEL / SWAYAM / Coursera courses

| 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/wp-content/uploads/2021/AQAR/2020-21/C2/2.3.2.pdf">psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C2/2.3.2.pdf</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

133

| 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                       | No File Uploaded          |

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

Academic Calendar Committee comprising of Principal, Dean, IQAC Coordinator and Head of the Departments. The Committee collects action plan from departments and accordingly Academic calendar is prepared. The Academic Calendar is informed 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. Academic calendar of the college is disseminated to the students through circular and college web portal, <https://psr.edu.in/calendar-activities/>

Teaching Plan: Courses are allotted to the faculty members based on their choices and subject expertise. Based on the academic calendar, the faculty members prepare course plan and assessment

plan according to a common format of the institute and get it approved by the head of the department. The course lecture plan consists of Objectives of the course, Outcomes of the Course, 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.

| 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

67

| 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)

893



| 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 | <a href="#">View File</a> |
| Upload any additional information   | No File Uploaded          |

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

The following reforms in the examination have been made due to the IT integration:

- Continuous evaluation system.
- Online examination for selective courses.
- Question paper are set as per revised Bloom's Taxonomy to attain cognitive skills.
- Auditing of question papers and Answer scripts.

- Examination schedule are published in institution website for easy access to all stakeholders.
- Dummy numbers for answer scripts to ensure unbiased evaluation.
- Results are published approximately within 2 weeks from the last day of the examination.
- The examination results are accessible through Internet (On-line results declaration).
- Go through answer scripts, photo copy and Challenge valuation.

Integration of IT with Examination: Most of the examination process are automated and they are listed below:

- Examination management with 'iboss' automation system
- Student profile and registration of courses
- Marks entry
- Declaration of results through college website and also through SMS
- Hall ticket generation with the courses and exam dates
- Dummy number generation
- Entry of student attendance
- Conversion of marks into SGPA and CGPA
- 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

| 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

**Mechanism of Communication:** 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                        | <a href="#">View File</a>   |
| Link for additional Information                          | <a href="https://psr.edu.in/ug-programs/electronics-communication-engineering/">https://psr.edu.in/ug-programs/electronics-communication-engineering/</a> |

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

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 questions given in the internal tests are charted with respect to the COs of the course, which in turn are mapped with the POs and PSOs with a correlation level of 1, 2 and 3. The correlation level 1, 2 and 3 are as defined as 1 - Slight (LOW); 2 - Moderate (MEDIUM) and 3 - Substantial (HIGH).

The attainment levels shall be set considering average performance levels in the university examination. Attainment level is to be measured in terms of student performance in internal assessments with respect to the Course Outcomes of a course in addition to the performance in the University examination.

The direct and indirect assessments are given 90% and 10% weightage respectively. 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.

| 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

636

| 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   | <a href="#">View File</a>   |
| Paste link for the annual report  | <a href="https://psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C2/ANNUAL%20REPORT%202020-2021.pdf">psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C2/ANNUAL%20REPORT%202020-2021.pdf</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/psraqarsss>

### 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.

However, the PSREC reserves the right to scrutinize the research proposal and make it available for constructive criticism of peers. PSREC also expects that researchers shall not violate established professional ethics, norms pertaining to the health, safety, privacy, and other personal rights of human beings or to the infliction of injury or pain on animals. The institute shall strive to create a conducive environment for research. The institute, to the extent feasible, support all research to be undertaken, by allocating the space, facilities and other resources for research programmes based on the scholarly and educational merits of the proposed research. It shall also provide development opportunities to researchers for writing research proposals and reports, publications, patent filing, etc.

#### Research Misconduct

- The institute shall put in place a mechanism for taking action on all allegations of misconduct, and shall ensure that the procedures for the inquiry, investigation and adjudication of any misconduct are well defined and just for all parties involved.

| 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/#researchpolicy">https://psr.edu.in/research/#researchpolicy</a> |
| Any additional information   | <a href="#">View File</a>   |

### 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)

492500

| 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

0

| File Description  | Documents        |
|---|------------------|
| e-copies of the award letters of the teachers                     | No File Uploaded |
| List of teachers and details of their international fellowship(s) | No File Uploaded |
| 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)

13,80,230

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

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

4

| File Description                          | Documents   |
|---|---|
| Upload any additional information         | <a href="#">View File</a>   |
| Paste link for additional Information     | <a href="https://psr.edu.in/research/#resprojects">https://psr.edu.in/research/#resprojects</a> |
| List of research projects during the year | <a href="#">View File</a>   |

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

28

| 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

2

| File Description                          | Documents   |
|---|---|
| Supporting document from Funding Agencies | <a href="#">View File</a>   |
| Paste link to funding agencies' website   | <a href="https://psr.edu.in/research/#resprojects">https://psr.edu.in/research/#resprojects</a> |
| 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 in this regard we developed an incubation centre to initiatives and transfer of knowledge. The faculty members are empowered to take up research activities utilizing the existing facilities. PSR Innovation and incubation center (PSRIIC) initiated various activities for the career enhancement of

students at different medium like self-employment, startup initiatives, collaboration with research institutions and other industrial manufacturing related careers are enriched through various training programmes.

PSRIIC also helps the students to organize various events like seminars, workshops, national conferences, entrepreneurial awareness programmes, inter/intra college competitions by enriching innovative ideas from the students. PSRIIC guides both faculty and students on Intellectual Property Rights, Patentable research & Skill based training programmes for lifelong learning.

PSRIIC 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.

Entrepreneurs/ Incubatees/ Startups may be offered shared office space at PSREC on a case-by-case basis. PSRIIC will also enthusiastically support the following:

- Seed Funding
- Permission to use facilities
- Mentoring
- Branding
- Networking

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

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

47

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



| 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  |   |
| 18   |   |
| 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   |   |
| 170  |   |

| File Description  | Documents                 |
|---|---------------------------|
| List of research papers by title, author, department, and year of publication | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

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

109

| 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/2021/AQAR/2020-21/C3/3.4.4.xlsx">psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C3/3.4.4.xlsx</a> |

### 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

2185

| File Description                                  | Documents                 |
|---|---------------------------|
| Any additional information                        | <a href="#">View File</a> |
| Bibliometrics of the publications during the year | <a href="#">View File</a> |

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

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

23

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

| <b>3.5 - Consultancy</b>  |                           |
|---|---------------------------|
| <b>3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)</b>   |                           |
| <b>2495000</b>  |                           |
| 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  | <b>No File Uploaded</b>   |
| <b>3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year</b>                              |                           |
| <b>78739</b>  |                           |
| 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   | <b>No File Uploaded</b>   |
| List of facilities and staff available for undertaking consultancy  | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |
| <b>3.6 - Extension Activities</b>   |                           |
| <b>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</b> |                           |
| <b>The extension activities are carried out through the following forums:</b>   |                           |
| <ul style="list-style-type: none"> <li>• <b>National Service Scheme (NSS)</b></li> <li>• <b>Red Ribbon Club (RRC)</b></li> </ul>  |                           |

- Youth Red Cross (YRC)
- Department Associations

NSS is a forum where students can directly interact and serve the society. The NSS unit of our Institute is regularly serving the people of the villages in and around the Institute. Few of the activities of NSS are given below:

- Swachh Bharat Abhiyan (SBA)
- Blood donation camps
- Eye camp
- veterinary camp
- Tree planting
- Removal of Prosopis juliflora
- Awareness Rallies
- NSS special camp

RRC is a voluntary on-campus intervention, envisaged to instil among all the students in the Institute values of service, develop healthy life styles, and increase availability of safe and adequate quantities of blood to all the needy. The activities of RRC of PSREC are given below:

- Awareness rally
- Blood donation camps

YRC is a well-known, admired and identified humanitarian service organization. The activities of YRC are given below:

- Eye Camps
- Health awareness programme
- Stress Management

The department association also take part in the extension activities such as:

- Fire safety programmes
- Electrical safety
- Use of solar / wind energy in agriculture
- Awareness on Digital banking
- Use of bio fertilizers
- Computer literacy

| 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

2

| File Description   | Documents                 |
|--|---------------------------|
| Number of awards for extension activities in during the year | <a href="#">View File</a> |
| 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)

10

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

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

1205

| 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

93

| 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)

11

| 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 51,246.11Sq.m. The college has 7 departments for engineering programmes and one department for MBA programme. Each department is housed in a separate building with adequate facilities and amenities for teaching and learning. In total, the college has 55 classrooms, infrastructure and facilities for 93 laboratories, 9 tutorial halls, 2 English Communication Laboratories, 9 seminar halls and computing facilities.

There is an air conditioned Auditorium with about 2500 seating capacity. This is being utilized for conducting induction programmes, graduation function, college day, cultural programs, important celebrations, etc. Each faculty member is provided a separate cabin with computer and internet connectivity.

Advanced Computing facilities with 822 computers including Intel

Core-i7, Core-i5 computers. Rack mounted blade servers, Storage Area Networks, Cisco Routers and Sonic Firewall are also available. The college has 105 Mbps Internet connectivity from BSNL and Airtel and Wi-Fi facilities. The college has installed both licensed and open source software for the needs of teaching and learning.

The college has 320 KVA & 125 KVA power generators to meet out the occasional power shut down and to provide continued power supply.

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

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

The 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. The students are trained to participate in the competition at the zonal, inter-zonal, state and national level. Institution also regularly organizes various zonal level sports events such as Anna University Zone-18 Zonal Volleyball Women Tournament, Volleyball Men Tournament, Handball Men Tournament and Zonal Athletics Men & Women.

A fully furnished indoor stadium with a multi gym facility has been established in 2002 with 14741 sq.ft. It has facilities for Badminton and Table Tennis.

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. International Yoga Day is celebrated on 21st June every year with a yoga trainer in the college.

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     | No File Uploaded  |
| 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**

55

| 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)**

5318287

| 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)**

College library is fully automated with Autolib Software version 3.1 (ILMS software). The college has a Central library with a carpet area of 16,721Sq.ft. including a reading hall accommodating 200 students. 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. Open Access System is followed in the library. Circulation was computerized and bar coding system was introduced to speed up library transactions. Accordingly, all faculty and students were issued bar-coded membership cards for access to the library.

The entire collection of the library can be accessed through the college LAN. Student entries are recorded by the E-Gate facility. The users can access the E-Resources and check the availability of the books also. The library has a digital section to access e-Journals of IEEE ASAP, Springer, NList, DELNET, NDLI and NPTEL courses. The e-Journals and contents can also be accessed through our college LAN. CCTV cameras are installed in the library to ensure security. In addition to that, each department has a separate department library to cater the internal needs of the department staff and students.

| 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)**

**1197782**

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

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

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

550

| 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

The college has a well-established IT infrastructure and facilities and upgraded regularly depending on the necessity. The details of IT infrastructure and their upgradation are given in the table below:

About 950 computers are available for both academic and administrative purpose including the recent additions and upgradations with 60 Intel Core i7 computers, 32 IntelCorei5 computers during the year 2018-19. 36 Intel Core i7systems were procured in the year 2020-2021.

The campus is connected with LAN and Internet since its inception. Initially the campus is provided with the BW of 8Mbps internet and is upgraded to 20 Mbps during the year 2012-13, 60 Mbps in 2015-16, 100 Mbps in 2017-18, 150 Mbps in 2019-2020 and 300 Mbps in 2020-2021.

The College has high speed advanced servers such as IBM X3650M3, Lenovo X3550M5. Lenovo X3550M5 server functions 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 Wall (Internet Gateway for the college) is used to provide secured internet access.

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

#### 4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 2130               | 822                 |

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

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

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          |

#### 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

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="https://psr.edu.in/lcs/">https://psr.edu.in/lcs/</a> |
| List of facilities for e-content development (Data Template) | <a href="#">View File</a>                                     |

#### 4.4 - Maintenance of Campus Infrastructure

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

25.13

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

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

P.S.R Engineering College provides funding for basic operation and maintenance of all existing campus buildings. These funded services include routine and preventive maintenance work required to keep the buildings, utilities, and grounds in an acceptable and safe operating condition. The care and regular maintenance of the entire college is foreseen by the administrator who with his staff supervises daily functioning.

##### Principal maintenance services:

- Repair of windows, shades and existing glass display cases.
- Repair and testing of refrigeration system components, refrigerator/freezers and ice machines.
- Maintenance of building ventilation, air conditioning, heating systems.
- Maintenance of fire protection / security equipment and alarm systems.
- Repair and maintenance of water, sewer, drainage, and gas utility systems.
- Repair to standard classroom furnishings ( fixed seating, tables, chairs)

- Repair or replacement of floors and floor coverings
- Painting-within public areas, including main entrances, public corridors, stairwells and restrooms.
- Foundations and structures, roofs, gutters and ceilings
- Stairways, handrails, ramps
- Doors and building entrances
- Electrical-lighting and electrical systems
- Laboratory equipment, washers and dryers, centrifuges and stills.
- Heavy maintenance equipment such as trucks and carts.
- Exterior masonry repair, cleaning and repair of roofs, gutters and downspouts.

| 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

### 5.1 - Student Support

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

1802

| File Description  | Documents                 |
|---|---------------------------|
| Upload self-attested letters with the list of students receiving scholarships | <a href="#">View File</a> |
| Upload any additional information   | No File Uploaded          |

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

459

| 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/#trainingchart">https://psr.edu.in/placement/#trainingchart</a> |
| Details of capability development and schemes | <a href="#">View File</a>   |
| Any additional information                    | <a href="#">View File</a>   |

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

558

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |

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

**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  | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |

## 5.2 - Student Progression

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

450

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

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

37

| File Description                                  | Documents                 |
|---|---------------------------|
| Upload supporting data for students/alumni        | No File Uploaded          |
| 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

5

| 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

1

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

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

The institute believes in giving opportunity to the students in supporting 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="http://psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C5/5.3.2.pdf">psr.edu.in/wp-content/uploads/2021/AQAR/2020-21/C5/5.3.2.pdf</a> |

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

6

| 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. The contribution of the alumni for the growth and progress of the College is appreciable as they offer student support services by way of counselling, guidance and lectures. They have contributed to the infrastructural development also.

Alumni Executive Committee meeting was conducted through online mode on 17.08.2020. Mr. K.M. Bakkiyaraj, (2003 Batch), Group Business Specialist, HCLTECH and Mr.K.Venkateshwaran, Software Engineer and also various executive committee members discussed about Updation of Alumni information in website.

Alumni US Chapter meeting was conducted on 24.10.2020 and Alumni Bangalore Chapter Meeting was Conducted on 20.12.2020 by virtual Mode. Alumni Meet - 2020 was convened on 13.02.2021. Due to Pandemic Situation this year we gathered alumnus through virtual mode. Totally 60 members from various department were attended. PSREC Alumni Association organized "PSR Alumni Trophy 2021 - State Level Handball Men Tournament" on 24.04.2021.

| 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

**Vision:** To contribute to the society through excellence in technical education with societal values and thus a valuable resource for industry and the humanity. **Mission:**

- To create an ambience for quality learning experience by providing sustained care and facilities.
- To offer higher level training encompassing both theory and practices with human and social values.
- To provide knowledge based services and professional skills to adapt tomorrow's technology and embedded global changes.

The institution functions in a decentralized manner with transparent mechanism in all its activities and decisions. A well-defined policies and procedures are in place to ensure transparency in various activities of academic, research and administration. The Governing Council takes policy decisions, formulates/amends rules and regulations, strategy planning, delegation of powers and responsibilities. The Academic Council

and Board of Studies carry out specified functions and responsibilities as per the guidelines of the regulatory / statutory bodies.

Principal ensures the smooth functioning of the institution with the support of Dean, IQAC Coordinator and head of the departments. The Dean (Research) and controller of examination coordinate research and examination related activities, respectively.

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

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

The institution functions in a decentralized manner with transparent mechanism in all its activities and decisions. Well-defined policies and procedures are in place to ensure transparency in various activities of academic, research and administration. Academic related decisions are taken in the Board of Studies and Academic Council. The financial decisions are made in the finance committee. The Board of Management (Governing Council) takes policy decisions, formulates/amends rules and regulations, strategy planning, delegation of powers and responsibilities. Principal ensures the smooth functioning of the institution with the support of Deans and Head of the departments. The examination related activities are planned, executed and monitored by Controller of Examinations. At the department level, Program Coordinator coordinate the Head of the Departments for the smooth functioning. Class advisors ensure the conduction of the classes. Lab in-charges are taking decisions for the conduction of laboratories. In addition to the regular academic activities, other co-curricular, extra-curricular, research and extension activities are planned and executed by various forums / cells / administrative set-ups like IQAC, Library Committee, Standing Committee, Recruitment Committee, Finance Committee, Press and Publicity Committee, Hostel committee, Sports committee, ISTE, IETE, YRC, RRC, NSS, EDC, etc.,

| File Description  | Documents   |
|---|---|
| Upload strategic plan and deployment documents on the website | <a href="#">View File</a>   |
| Upload any additional information                             | <a href="#">View File</a>   |
| Paste link for additional Information                         | <a href="https://secureservercdn.net/160.153.138.17/7/9vk.268.myftpupload.com/wp-content/uploads/2020/08/strategicplan.pdf">https://secureservercdn.net/160.153.138.17/7/9vk.268.myftpupload.com/wp-content/uploads/2020/08/strategicplan.pdf</a> |

## 6.2 - Strategy Development and Deployment

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

Institution has a well-defined Strategic plan aiming to achieve excellence in five major aspects of Academic, Research, Faculty, Student and Society. The proposed performance indicator with a set target assesses attainment of each strategy. Strategic Plan and deployment documents are provided on the Institute website.

Successfully Implemented Activities as Per Strategy

Strategy 5.6: Conduction of Health Programmes

Indicator: Number of Social Awareness Programmes conducted.

Target : Atleast one per semester

Period of Review : Every Semester

The strategic plan of the institution is analyzed in the Board of Management and it was decided to take necessary actions for conduction of Health programme during this pandemic period. As per direction from Government of Tamilnadu and Govt. of India, the management of the institution came forward to conduct a camp for vaccination for COVID-19 in our institutions. Through this camp, for both teaching and non teaching staffs were vaccinated by their first and second shot of COVID vaccination. Also, the IQAC of the institution proposed to conduct more online programme to create awareness about COVID-19 to the students and faculty members . More than 10 programmes were organized related to this field.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="https://secureservercdn.net/160.153.138.17/7/9vk.268.myftpupload.com/wp-content/uploads/2020/08/strategicplan.pdf">https://secureservercdn.net/160.153.138.17/7/9vk.268.myftpupload.com/wp-content/uploads/2020/08/strategicplan.pdf</a> |
| Upload any additional information                      | <a href="#">View File</a>   |

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 has a well-structured administrative setup for its smooth functioning. The administrative setup is provided in the organogram. The functions of various bodies are given in the link for additional information. The college has a well-established policies, procedures and rules as approved by the Governing Council adhering to the guidelines of statutory bodies such as UGC, AICTE and Affiliating University. The policies and procedures are reviewed as and when required in the governing council meeting. The concerned documents on the above are made available in the college website. Also, they are circulated to the all concerned. Some of the policies and procedure contained in the manual are listed below:

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

Organisation structure and policies and procedures are available in additional information

| File Description                                    | Documents   |
|---|---|
| Paste link to Organogram on the institution webpage | <a href="https://wp.psr.edu.in/organogram.jpg">https://wp.psr.edu.in/organogram.jpg</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

Institutes have effective welfare measures for both teaching and non-teaching staff. The following monetary

and non-monetary welfare measures for personal and professional growth are provided to the staff.

- Employees Provident Fund (EPF)
- ESI facility for Non-teaching staff
- Group Insurance
- Concessional transport facility to faculty members
- Free transport to non-teaching staff
- Casual, Maternity and Medical leaves
- Priority in admission and fee concession to the wards of staff
- On-duty leave for attending FDPs / Conferences
- Financial support for attending conferences/workshop/seminar
- Incentives for publications in peer reviewed Journals

- Incentives for publication of books and book chapters
- Cash awards for achieving highest pass percentage
- Sports and Gym facilities.
- Bank of India branch with ATM facility in the campus.
- Staff Club - Annual picnic and festival gift for staff
- Free over coat for female faculty members
- Free uniform to drivers
- Free uniform to lab technicians / electricians /office assistants
- Festival advance

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

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

52

| 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

52

| 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  | No File Uploaded          |

### 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.)**

143

| File Description  | Documents                 |
|---|---------------------------|
| Summary of the IQAC report  | No File Uploaded          |
| 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

- Utilization and execution of the budget is monitored through internal and external auditing.
- Internal audit is conducted half yearly basis and external audit is conducted annually by External Auditor (chartered accountant) at the end of every financial year.
- The consolidation of the findings of the Institution has been completed and the annual returns have been submitted to Income Tax Authorities, Registrar of Societies, Tamilnadu and other relevant authorities concerned by External Auditor.
- Financial planning and review is done regularly by the Finance Committee.
- Finance Committee meets twice a year and reviews the fund utilization by the college and department level activities and suggest further action plan.
- Depending on the demand and requirement, the finance committee allows to spend more than the budget allocated.
- The received government funds are audited by the respective government auditors by verification of documents and the disbursement of the scholarships such as post metric scholarships, backward community scholarship and first generation graduate scholarship to the students.
- Financial section of the college maintains record of every online financial transaction



| 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)

8.69

| 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 major source of revenue for the college is the tuition fee collected from the students as per the state government norms. The fee is deposited in bank and withdrawn periodically based on the requirements. The interest earned on these deposits is also being utilized for the needs of the institution. The other sources of revenue are from transport fee, examination fee and funds / grants received from government bodies, consultancy, training, examination, transport alumni contributions, individual donors and philanthropist.

Transparency and accountability is ensured by conducting annual audit. Optimal utilization of the fund is ensured through a budget plan. Every department have submitted their budget proposal well ahead of the commencement of the financial year. The proposals are reviewed and approved by the finance committee. The funds also utilized for infrastructure development, salary, research, training activities, ICT tools, green campus initiative, extension activities, transport, maintenance, welfare measures and library. The financial supports are extended to seminars/workshops/ Symposium Association activities/ Faculty Development programs/Conferences. Scholarships are provided to the economically backward & meritorious students. Utilization of the allocated funds are monitored periodically and audited at the end

of every financial year.

| 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 in the table given 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

### Research and Development

- Number of quality publications : 290
- Number of Patents filed / published : 17
- Number of FDP per faculty : 204
- Number of programmes for motivating research : 24
- Number of proposals submitted for funding : 32

Mentor: mentee ratio: 1: 13

Number of orientation programmes : 112

Number of soft skills training and career guidance: 300

Number of Environmental and Social Awareness Programmes: 84

Awareness programmes conducted: Tree Plantation, use of Solar Energy, Rain Water Harvesting, Electrical Usage and Saving Energy, Ozone Layer Protection.

#### Quality initiatives

- Digitalization Initiative in Academic and Administrative Activities
- Outcome Based Education (OBE)

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>                                       |
| Paste link for additional information | <a href="https://psr.edu.in/iqac/">https://psr.edu.in/iqac/</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 Academic calendar is prepared well in advance before the commencement of classes. IQAC prescribe targets for various parameters including academic, cocurricular, extra-curricular, research and faculty empowerment. To ensure the attainment level of the target both academic and administrative audits are conducted regularly. 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. These feedbacks are analysed and needed actions are taken. 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.

The teaching and learning process is reviewed at various levels such as self-assessment and external assessment. The assessment of Course Outcomes (CO), Program Outcome (PO) and Program Specific Outcome (PSO) are regularly done as per the guidelines.

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.

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

**PSREC organized three events for the promotion of gender equity during the year 2020-21:**

**S.No Title of the Event Date No. of Participant 1 Women Scientists**

at the forefront of the fight against Covid 11.02.2021 50 2 Women Empowerment Summit 08.03.2021 269 3 Women Achievers 10.03.2021 376 4 Career Journey of Women 25.03.2021 100

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://psr.edu.in/wec/#eventswec">https://psr.edu.in/wec/#eventswec</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 Waste Management**

Solid wastes are collected 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 food and vegetable wastes are used for biogas plant of the campus. Incinerators are available in the ladies' hostel for disposing sanitary napkins in an environmental friendly way.

#### **Liquid Waste management**

The liquid waste originating from the laboratory was neutralized and chemicals are treated through Effluent Treatment basins. Sewage treatment plant of capacity 50,000 liters per day which comprises of a screening chamber to remove the floating matter such as shampoo Sockets, hairs wood and debris, a grit chamber to remove inorganic grit which has a specific gravity about 2.65, a

aerator which supplies oxygen in the aeration tank for effective growth of microbes, secondary settling tank to remove the bio flocs and chlorination tank to destroy the pathogenic microbes in the treated effluent were installed in the campus and properly maintained.

#### E-waste Management

Institution signed an MoU with Tamil Nadu State Pollution Control Board authorized e-Waste dismantling unit TRITECH SYSTEMS for the safe and environment friendly disposal.

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

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

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

#### 7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

|  |                       |
|--|-----------------------|
| <p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li>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> | C. Any 2 of the above |
|--|-----------------------|

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

|   |                              |
|---|------------------------------|
| <p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,</b></p> | A. Any 4 or all of the above |
|---|------------------------------|

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

| File Description   | Documents                 |
|--|---------------------------|
| Geotagged photographs / videos of facilities                 | <a href="#">View File</a> |
| Policy documents and brochures on the support to be provided | No File Uploaded          |
| Details of the software procured for providing assistance    | No File Uploaded          |
| Any other relevant information                               | <a href="#">View File</a> |

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 regularly organizes events towards cultural, regional, linguistic, communal, socio-economic and other diversities

Title of the event Date of Event Organized Number of participant Objective of the Event Quiz Competition on International Mother Tongue Day 19.02.2021 110 To promote linguistic diversity and multilingual education Mahakavi Bharathi Birth Day 11.12.2020 200 To enhance social cohesion and communal harmony among the students and staff. Bhagavad Gita Discourse 08.12.2020 50 The main purpose of celebrating Gita Jayanti is to recall the words of Gita and to apply it in our daily life. It allows individuals and families to lead a courageous as well as an active life that is productive. National integration day 19.11.2020 100 To promote the spirit of national integration through a deep and structured engagement between all States and Union Territories. International Peace Day 21.09.2020 170 Sustainable Peace for a Sustainable Future, commemorating and strengthening the ideals of peace both within and among all nations and peoples.

| 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:

he institute regularly organizes events to sensitize the students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens

Title of the event Date of Event Organized Number of participant  
 Voter awareness day 25.01.2021 1500 National Youth Day 12.01.2021  
 265 Road Safety Day 11.01.2021 100 NCC Day 22.11.2020 30

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

A. All of the above

| 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 | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

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

and festivals

The college celebrates the following days of national importance and birth anniversary of great Indian leaders / personalities. Both students and staff remember the leaders and their sacrifices with their achievements for the nation.

- 12th January - National Youth Day (Birth anniversary of Swami Vivekananda's)
- 26th January - Republic Day
- 28th February - National Science day (Birth Anniversary of Sir C.V. Raman)
- 15th August - Independence day
- 5th September - Teachers Day (Birth Anniversary of Dr. Sarvpalli Radhakrishnan Birth Anniversary)
- 15th September - Engineers' day (Birth Anniversary of Sir Visveswaraya).
- 15th October - World Students Day (Birth Anniversary of Dr.A.P.J.Abdul Kalam)
- 2nd October, Mahatma Gandhi Birth Anniversary
- 11th November - National Education Day (Birth anniversary of Maulana Abul Kalam Azad).

| 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

### I: EXPERIENTIAL LEARNING PROCESS

In our institution, teachers facilitate student's learning which helps the students to gain skills, knowledge and thinking ability. Experiential Learning is a comparatively new term which defines giving freedom to students to analyze and explore the best suitable learning option for them. The teacher provides a learning

environment and the tools required to achieve a certain result. The purpose of this practice is to imbibe lessons through experience rather than preaching theories and dumping facts. The pedagogy followed in PSREC can easily assess the educational levels of the students on particular skills. In PSREC the following Experiential Learning Process are followed:

- Student Centric Learning
- Activity Based Learning:
- Project Based Learning
- Field Work
- 
- Industrial Visits
- In-plant training

## II: E-GOVERNANCE

E-governance is introduced in all levels. Institute has a well-designed ERP called i-Boss, through which the data can be stored and retrieved whenever needed. The information about the students, faculty, are stored in the ERP software and reused whenever required. E-governance in our institution allows use of information and communication technologies with the aim of improving education, improve information, service delivery, encourage student participation in the decision making process, making administration transparent and effective.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://securservercdn.net/160.153.138.177/9vk.268.myftpupload.com/wp-content/uploads/2021/06/Best-Practices.pdf">https://securservercdn.net/160.153.138.177/9vk.268.myftpupload.com/wp-content/uploads/2021/06/Best-Practices.pdf</a> |
| Any other relevant information              | <a href="https://psr.edu.in/igac/#practicesigac">https://psr.edu.in/igac/#practicesigac</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)

**UPLIFTMENT OF RURAL POPULACE THROUGH TECHNICAL EDUCATION**  
Upliftment of rural populace through technical education is our main objective. This institution was started with a vision to impart technical education to uplift the rural populace in technical education and they can also contribute to the society.

The group includes workers of firework industries, coolies, small scale farmers, tenants and the landless. The Institute gives top priority to the welfare of the students who are in need of financial assistance. Every year fee waiver is given to economically backward students on need basis.

Most of our students are from the Government Schools of nearby districts who have completed their +2 through Tamil medium. Our institution provides a special concentration on language skills to them in order to compete with other students.

Apart from the service to the rural students, our institute extend the service to the rural society through various forums regularly. Through the NSS and student association of our Institute the following programmes / events are conducted:

- Swachh Bharat Abhiyan (SBA) or Clean India Mission camp in local villages
- Medical camps
- Awareness Programs
- Safety Programs

| 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                | No File Uploaded  |

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

- Organizing more Faculty Development Programs (FDP)
- NBA Accreditation for all Eligible Programme
- NIRF Ranking.
- Publication in SCI Journals
- Patents
- Funded Research Projects
- Research Supervisors Recognition
- Enhance the Consultancy Activities
- MOU with Leading Industries and Institutions for Collaborative Activity
- Value Added Courses
- Strengthen Green Practices