



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

**G. PULLA REDDY ENGINEERING COLLEGE**

- Name of the Head of the institution **Dr B Sreenivasa Reddy**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **08518270957**
- Alternate phone No. **08518270957**
- Mobile No. (Principal) **9490332609**
- Registered e-mail ID (Principal) **principal@gprec.ac.in**
- Address **Nandyal Road, Kurnool, Andhra Pradesh-518007**
- City/Town **Kurnool**
- State/UT **Andhra Pradesh**
- Pin Code **518007**

##### 2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **19/06/2006**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr T Bramhananda Reddy**
- Phone No. **9966655504**
- Mobile No: **9966655504**
- IQAC e-mail ID **iqac@gprec.ac.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://www.gprec.ac.in/aqar-reports/>

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

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.gprec.ac.in/academics/academic-calendar/>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	75.8%	2005	28/02/2005	27/02/2010
Cycle 2	A	3.14	2011	30/11/2011	29/11/2016
Cycle 3	A+	3.52	2017	12/09/2017	11/09/2022
Cycle 4	A	3.22	2023	21/03/2023	20/03/2028

**6. Date of Establishment of IQAC** **29/04/2005**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institution	FIST	DST	01/12/2016	3000000
All five Departments	Recognized Research centre	GPREG	27/01/2020	478211
Institution	APSSDC SIEMENS Govt. of AP	Govt. of AP	28/05/2016	3000000
Mentor institute	Margadarshan	AICTE	15/03/2021	1500000
Quality mentor institute	QAC of APSICHE	APSICHE OF Govt	24/04/2021	-
Institution	CPE	UGC	30/08/2016	7000000

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

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

#### 9. No. of IQAC meetings held during the year 6

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

#### 10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Implementation of attainment of COs, POs, PSOs in all departments  
Soft skill programs and personality development programs for students intended to improve placements The college received FDP and STTP grants from AICTE Conduct of Student Induction Programmes & Start-ups in the Innovation and Incubation center within the campus Participation in NIRF-India Rankings and Mentoring the 3 colleges by using Margadarshan scheme

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
To obtain more funded projects from external funding agencies	As per the guidelines issued by various funding agencies from time to time, faculty have applied for various schemes from AICTE, DST, UGC.
To increase the number of faculty publications in referred journals	In order to maintain the quality research, the faculty are encouraged to publish their articles in SCI/Scopus Indexed Journals.
To have Memorandum of Understanding with Industrial Academies to improve industry institute interaction	In order to improve Industry Institute Interaction, the college has made MOUs with various Academies like CISCO Networking Academy, AWS Academy, Microchip Academy, Red Hat Academy, Cyber Security Academy, VMware Academy and Blue Prism Academy
To organize Faculty Development Programmes on emerging technologies	College has made mandatory to all the departments to organize One-week FDPs every year. In this connection, all the departments have organized oneweek FDPs on Emerging Technologies during this Academic Year.
To make the students take up innovative and industry related projects.	Final year students are encouraged and motivated to take up innovative projects which are helpful for societal needs. In

	<p>addition to this, students are also encouraged to undergo Summer Internships to take up innovative projects as per industry needs.</p>
<p>To provide awareness to faculty on Patent Filing and Intellectual Property Rights</p>	<p>The college have been conducted Webinars &amp; FDPs on patent filing and IPRs to provide awareness to faculty.</p>
<p>To focus on E-content development by faculty.</p>	<p>Faculty are encouraged to develop e-content in their respective courses. APSCHE has identified two faculty members to develop e-content on C Programming and Python Programming. This developed econtent will be uploaded in the APSCHE portal which shall be accessed by other colleges in AP. Page</p>

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
College Academic Council	27/07/2022

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

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>G. PULLA REDDY ENGINEERING COLLEGE</b>
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• Designation	<b>Principal</b>
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• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.gprec.ac.in/academic/academic-calendar/">https://www.gprec.ac.in/academic/academic-calendar/</a>				
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<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>		



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Soft skill programs and personality development programs for students intended to improve placements The college received FDP and STTP grants from AICTE Conduct of Student Induction Programmes & Start-ups in the Innovation and Incubation center within the campus Participation in NIRF-India Rankings and Mentoring the 3 colleges by using Margadarshan scheme

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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
College Academic Council	27/07/2022
<b>14. Was the institutional data submitted to AISHE ?</b>	Yes
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2022-2023	10/02/2024
<b>15. Multidisciplinary / interdisciplinary</b>	
G Pulla Reddy Engineering College (GPREC) adapts the Vision of National Education Policy, to provide high quality education to	

develop human resources in our Nation as global citizens. GPREC initiated the discussion among the faculty members on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking, and creativity. In view of the NEP, GPREC has initiated new interdisciplinary centres integrating different departments in addition to the existing inter/multidisciplinary research and academics. Academic programmes are redesigned their curriculum to include multidisciplinary /Interdisciplinary courses as open and professional electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses (open electives) offered by other departments. It can be said that the GPREC is proactively working towards the implementation of the suggestions given in the NEP. Faculty members are encouraged to take up interdisciplinary or community development research work by identifying the problems in society.

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

The concept of National Academic Depository which is a government endeavour to offer an online repository for all academic awards GPREC is interested in this concept under the Digital India Programme. GPREC has registered in NAD and is in the process of upload students' mark sheets and provisional certificates through the nad.digitallocker.gov.in platform. The National Academic Bank of Credits (ABC) portal has now been integrated into the nad.digitallocker.gov.in platform and is currently live for autonomous colleges from the academic year 2021. GPREC follows choice-based credit system for all of its programmes and is now in the process to pass a resolution related to the ABC in the Academic Council. GPREC will formally register in the ABC portal after the resolution gets approved by the higher academic bodies

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

GPREC has a SIEMEN's skill development center and many start-ups with Innovation and Incubation center. The college offers many skill oriented certificate courses in association with APSSDC, AP. UGC has introduced DDU KAUSHAL KENDRAS (DDUKK) for promoting vocational education in continuation to its initiatives for introducing community colleges and vocational Programmes realizing the importance and the necessity for developing skills among students, and creating work ready manpower on large scale. GPREC will be one of the institutes that is going to implement this concept to start its own DDUKK sanctioned by UGC under self-finance mode. Vocational programmes are introduced based on

National Skill Qualification Framework (NSQF). GPREC aims to provide quality vocational education through DDUKK combining class room centered formal education and training with experience sharing of Industry practitioners and internships in business houses. The focus is towards integrated knowledge acquisition and upgrading human skill towards creating a new league of employable youth. GPREC is running CSBS (Computer systems & Business Systems) program that is designed by TCS Ltd, in such a way to mould future managers thoroughly conversant with the application of tools and techniques of modern management practices in order to align with the government of India's National Skills Qualification Framework (NSQF) and requirements of Industry 4.0. This newly adopted curriculum and the training imparted will help management programme aspirants to get fully trained in accordance with NSQF's National Occupational Standards (NOS) developed by Sector Skills Councils (SSC) and requirements of Industry 4.0 so as to enhance the employability for our graduates as per the industry's current human resources requirements. All these steps are marching towards the implementation of NEP in the real sense. The programme structure and contents adhere to the UGC guidelines for vocational programmes in line with the National Skill Qualification Framework (NSQF). After conferment of Autonomous status in 2006 the institute has introduced many new skill labs and skill development courses in each branch of engineering to update the skills of the students.

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

GPREC encourages learning of National Language of Hindi. Programmes including webinars and seminars are offered/registered to encourage Hindi learners and understand the cultural values permeated by the literary works in Hindi. Courses namely Environmental Science, Induction Program, Professional Ethics, Indian Constitution, Essence of Indian Traditional Knowledge, and Universal Human Values (Credit) are incorporated into the curriculum.

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

GPREC offers 09 UG Engineering and 05 PG Engineering programs. The institute offers Ph. D programs in 05 departments. All these programmes are offered as outcome-based education (OBE) which is designed keeping in mind the regional and global requirements. GPREC has implemented outcome based education with clearly stated

Programme Outcomes, Programme Specific Outcomes and Course Outcomes. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating. Apart from the domain specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contributes proactively to the economic, environmental and social well-being of the Nation. The Course Objectives are also aligned to the POPSO philosophy. All course syllabus has been designed with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP.

## 20.Distance education/online education:

Due to Covid -19 pandemic, educational institutions in the country have increasingly involved in using the digital platforms for engaging classes, conducting conferences and meetings. Keeping aside the negative impact of lack of face to face learning, online education has broken the geographical barriers creating interaction of experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way of adopting hybrid mode or blended mode of education called as 'PHYGITAL' combining online and offline resources. This can be considered as the new normal, which is envisaged in New Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. Faculties are encouraged to offer MOOC courses as compulsory courses in GPREC which promotes the blended learning system of learning.

## Extended Profile

### 1.Programme

1.1 14

Number of programmes offered during the year:

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

### 2.Student

2.1 4014

Total number of students during the year:

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

2.2 769

Number of outgoing / final year students during the year:

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

2.3 6795

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 14

Number of courses in all programmes during the year:

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

3.2 204

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>14</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>4014</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>769</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>6795</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>14</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2	<b>204</b>

Number of full-time teachers during the year:		
<b>File Description</b>	<b>Documents</b>	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	213	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	404	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	72	
Total number of Classrooms and Seminar halls		
4.3	1527	
Total number of computers on campus for academic purposes		
4.4	1982	
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.

G. Pulla Reddy Engineering College has been functioning as an autonomous institution since 2006. The institution has embarked on its own curriculum design and development process after obtaining autonomous status from UGC. The process remained a continuous and inclusive process. To begin with, the process commenced with introducing curricular reforms by modifying various courses that are relevant to the programmes. The recent revision of the curriculum began with the announcement of a model curriculum for engineering programmes by the AICTE, New



Delhi, APSHE, A.P and followed by the affiliating university, JNTUA. The Model curriculum proposes 160 Credits. The credit distributions on the category of the courses are designed based on the AICTE model curriculum. The initial phase for ensuring academic quality is the design of the curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. The next phase, the Course Outcomes (COs) for every course are mapped with the POs of NBA and the Program Specific Outcomes (PSOs) of the program.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.gprec.ac.in/programs-offered/#">https://www.gprec.ac.in/programs-offered/#</a>

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

8

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

328

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

## 1.2 - Academic Flexibility

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

82

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

15

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

## 1.3 - Curriculum Enrichment

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

**The Institution integrates cross - cutting issues of the society**

like Moral Values, Human Values, Professional Ethics, Gender Equality, and Environmental Awareness, which are inseparable parts of the curriculum. Two weeks Induction programme related to human values and gender sensitization is an integral part of the curriculum of the first year. The mandatory courses on the Constitution of India and Environmental Studies for the second year are important parts of the Curriculum. These subjects provide a free environment for inculcating values and developing ethical competence among the students. An exemplary citizen is made, not born. Just as mathematics and languages are learned, there is a need to become specialists in those lessons that are fundamental to living in harmony and social progress such as respect, empathy, equality, and solidarity. Without these and other ethical principles that define us as human beings, it will be difficult for us to build a better world. Both traditional education and values education are essential for personal development and they help us to define our objectives in life. But, whilst the former teaches us about social, scientific, and humanistic knowledge, the latter trains us to be good citizens.

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

52

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

3892

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

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

1371

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://www.gprec.ac.in/naac/criteria/1.4.1_for%20URL%20Stakeholder%20Structured%20Feedback%20merged.pdf">https://www.gprec.ac.in/naac/criteria/1.4.1_for%20URL%20Stakeholder%20Structured%20Feedback%20merged.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structured%20Feedback%20-merged.pdf">https://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structured%20Feedback%20-merged.pdf</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

1076

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)

599

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

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

The college attracts fairly good students through the entrance examination and also another mode of admission prevailing in the state of Andhra Pradesh. During the first three weeks of the commencement of the engineering education journey, the students were given an extensive awareness of the governance system and all the academic processes. The induction program was completely designed and organized by the college, involving administration, internal and external stakeholders, and senior faculty. The

students were exposed to various aspects of student-centric learning experiences right from the academic rules and regulations, the curriculum design and structure, teaching-learning methods, and assessment patterns, both formative and summative. They were also well informed about Outcome-based education based on which their curriculum was designed. In addition, students were also exposed to life skills, yoga, and code of conduct through various activities by trained experts. The institution has well-planned multi-level strategies that are implemented from time to time to address the issues of diversity in students' learning levels. Initial cues of the student's learning abilities are obtained from their performance in the qualifying examination, entrance examination, and the induction training program conducted immediately after admission.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/naac/criteria2/2.2.1%20Remedial%20for%20slow%20learners%20All.pdf">https://www.gprec.ac.in/naac/criteria2/2.2.1%20Remedial%20for%20slow%20learners%20All.pdf</a>

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

Year	Number of Students	Number of Teachers
30/06/2023	4014	204

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:

G. Pulla Reddy Engineering College practices structured teaching-learning processes in each semester to impart value education not only through traditional methodologies but also through active learning to enhance students to take initiative, make decisions, and be accountable for results. Experimental Learning The institution makes the students interactive by encouraging each individual to work things out for themselves; they are

guided to and through their learning rather than being taught during practical classes. They are also provided space for executing real-time application-oriented programs using modern tools in a simulation laboratory. Students can grasp the concepts through demonstration, and video lectures. To understand the industrial expectations, The institution encourages students to undergo In-plant training, Internship training, and Industrial visits in the respective domains. The institution has also established e-learning facilities and resources like NPTEL, a Learning Management System, e-books and e-journals, Digital library to improve their creative thinking in technical fields. Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious, solving problems, and being creative.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.gprec.ac.in/naac/criteria2/2.3.1-converted%20ECE.pdf">https://www.gprec.ac.in/naac/criteria2/2.3.1-converted%20ECE.pdf</a>

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

G. Pulla Reddy Engineering college customs contemporary information and Communication Technology (ICT) tools for effective teaching and learning in the recent scenario. The ICT tools are the latest technology and concepts used in ICT among students to students, students to teacher interaction (e.g., Google Classroom, video lectures). ICT-facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts being taught. Today, it is essential for students to learn and master the latest technologies to be corporate-ready. As a consequence, faculty are combining technology with traditional modes of instruction to engage students in long-term learning. The innovation in teaching is necessary to engage the students for the course of 45 to 60 hours. At the end of the course, the average student's strength will excel in performance and attain the course outcome with in-depth knowledge. To overcome the difficulties of slow and inactive learners in attaining the course outcome, it is necessary to renovate the teaching methodology. A few innovative learning methods like Google

Classroom, online education, project-based learning, and activity-based learning provoke inactive or slow learners to be more active in learning the course.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.gprec.ac.in/teaching-learning-practices/">https://www.gprec.ac.in/teaching-learning-practices/</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

191

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

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

The institution provides the academic calendar along with necessary instructions to the faculty members to facilitate the smooth conduct of the academic program effectively and meticulously. The instructions include the guidelines for setting sessional question papers, guidelines regarding the invigilation duties, and general instructions regarding the conduct of end practical examinations. The institution also provides an academic planner. All the faculty and staff should abide by the given instructions and follow the academic planner meticulously. A detailed academic schedule is also provided to the students. This includes the dates of commencement and end of the first and second spell of instructions, along with the dates of commencement and ending of sessional examinations, end theory, end practical, and supplementary examinations. The list of holidays is also provided along with the academic schedule. The institution strictly adheres to the academic calendar. Any unexpected loss of working days is compensated accordingly to ensure the smooth conduct of the academic program. The



institution also provides information about various committees like the convener's respective committees. It also provides contact information about the authorities in various administrative positions The Institute Academic Committee (IAC) collects the plan of action from Departments and Section heads and puts it forth in the Academic Committee that prepares a well-planned Academic calendar. It is printed and displayed on the notice boards and also kept on the college website.

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

204

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

84

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)

2213

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

36

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

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

0

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

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

The college has been continuously carrying out reforms that keep its examination system open for modifications and thus strengthen it from time to time, ensuring the system is foolproof and addresses the grievances of students if any. The institutional reforms in all the activities of the examination system are kept as per the AICTE norms for various engineering

disciplines. The drivers for reforms in the examination system of engineering education have been incorporated into institutions examination system and they include OBE- the framework for the assessment process, evaluation of higher-order abilities, and professional skills in different forms like MOOCs, internship experience, and project works, Bloom's taxonomy for assessment design, etc.

A credit system was introduced for the benefit of the students.

- Quizzes / Project works and assignments are made part of the evaluation.

- Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation, and declaration of results.

- Continuous Internal Assessment (CIA) includes Mid examinations twice in a semester for each course, periodical assignments/tests/quizzes, etc. to keep the students meaningfully engaged with the subject content throughout the semester. A credit-based system was instituted for the ease of students. The examination system is completely IT integrated which enables the system for the fast processing of registration, conduction of examination, evaluation, attainment of outcomes, the announcement of results, and printing of grade sheets.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/academics/examinations/exam-time-table/">https://www.gprec.ac.in/academics/examinations/exam-time-table/</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

Program Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students: VISION: To become the choicest institute of technology and a hub of academic and industrial research and development MISSION: To provide conducive academic ambiance, excellent infrastructure, continually updated lab equipment, and committed and scholarly

faculty to realize the vision of the college QUALITY POLICY: G. Pulla Reddy Engineering College, Kurnool, is engaged in imparting "quality education and training" in the field of engineering and technology. It aims to be an institute of excellence in technical education through continual improvement. The institute facilitates faculty and staff to work as a team and update their knowledge and skills to match the industrial and technological development Program Outcomes (POs): Program Outcomes evaluate the skill set, application knowledge, and learning attitude of the students at the end of the engineering program's course completion. Program Outcomes (POs) describe the achievement of the aim and professional accomplishments attained by the students at the end of the program. During graduation, POs cover broad areas of engineering knowledge, personality development, and competing skills that are to be acquired by the students.

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://www.gprec.ac.in/programs-offered/civil-engineering/">https://www.gprec.ac.in/programs-offered/civil-engineering/</a>

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

A quality educational environment is provided on the campus where the student is allowed to interact with the faculty and mentors to convey his academic, and learning difficulties. Course outcomes are evaluated through internal and external examinations and the performance of the students is analyzed about the assimilated knowledge in the concerned subjects. The evaluation of internal and external examinations is communicated to the parents. Based on the performance corrective measures are initiated by the mentoring system. The students are allowed to check their evaluated performance through the campus web portal through their login credentials. CO Attainment Course Outcome (CO) assessment is carried out using direct and indirect methods. The evaluation, of course, outcome by the direct method is based on sessional examinations, assignments, quizzes, and semester external examinations. Every question in internal/external is mapped to the corresponding CO and the

overall evaluation of each CO is considered for final attainment. 1. Sessional internal Examinations are conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment. 2. External End Examination is descriptive, and a metric for assessing whether all the COs are attained. The indirect assessment is done through the course end survey

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/programs-offered/mechanical-engineering/">https://www.gprec.ac.in/programs-offered/mechanical-engineering/</a>

### 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

769

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://www.gprec.ac.in/academics/academic-calendar/">https://www.gprec.ac.in/academics/academic-calendar/</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://www.gprec.ac.in/iqac/NAAC-Student-Satisfaction-Survey-2023.pdf>

## 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

G Pulla Reddy Engineering College (GPREC) is established with a vision to become the choicest institute of technology and a hub for academic, and industrial research and development. The main motto of GPREC is to serve the global Engineering community through the dissemination of knowledge on recent advances in different fields of Engineering, in association with basic science experts, through its several departments. GPREC has excellent laboratory facilities and encourages faculty to undertake sponsored research projects with a commitment to serve society. GPREC has good laboratory facilities for master's degree and Ph.D. students. The institute encourages the innovative ideas of the graduate, postgraduate students, and research scholars, by providing the required infrastructure to the interested faculty, and financial support to work on their new ideas. GPREC R & D cell allocates special funds for the students to do B.Tech projects, to the faculty for doing in-house projects. Research and development are carried out in several areas such as composite materials, communication engineering, environmental engineering, IoT, machine learning, robotics, smart grids, power systems, construction materials, and thermodynamics. All five engineering streams of GPREC have been recognized as research centers by JNTUA Ananthapuramu, Andhra Pradesh. GPREC adheres to the guidelines of the JNTUA.

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

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

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

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
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)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

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

39

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

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

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

## 3.3 - Innovation Ecosystem

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

The Entrepreneurship Development Cell (EDC) at GPREC was established in July 2003. EDC is a Platform for students dedicated to the development of multidimensional skills. EDC is a forum where interdisciplinary students with heterogeneous competencies are brought together. It invites various eminent



entrepreneurs to deliver lectures to educate students about the joys and hardships of entrepreneurship. Guest Lectures, Workshops, Case studies, and Group Discussions are conducted throughout the year to involve students in activities that are essential to being an entrepreneur. The Entrepreneurship Development Cell aims at recognizing and developing the entrepreneurial skills of individuals. To be a successful entrepreneur an individual needs to be a leader, a team player, and a risk-taker. the student should also be an excellent judge of opportunities and recognize the potential a market can offer. A good entrepreneur has to analyze the market and plan and implement his ideas for a better society. Keeping these objectives in mind the E-Cell functions to guide budding Entrepreneurs in their endeavor. Many ideas are incubated at EDC leading up to Start-Ups. The individual department interacts with the industry to ascertain its needs to fill the gap in the curriculum. The gap is filled by arranging workshops addressed by industry personnel. Industry institution relationship works in the following are Industrial visits for students and faculty. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects. Expert lectures by industry personnel were given to the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/national-innovation-policy/">https://www.gprec.ac.in/national-innovation-policy/</a>

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

5

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

### 3.4 - Research Publications and Awards

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

**A. All of the above**

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

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

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

**1**

File Description	Documents
URL to the research page on HEI website	<a href="https://www.gprec.ac.in/research-and-development/">https://www.gprec.ac.in/research-and-development/</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**

**93**

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

4

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

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

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

1117

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

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

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

18

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

### 3.5 - Consultancy

**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****18.15**

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	No File Uploaded
Any additional information	No File Uploaded

**3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year****0**

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

**3.6 - Extension Activities**

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

The Institute inculcates social values and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for the holistic development of society. The institute is committed to carving out a generation that would take an active role in social activities. With this aim in view, extension services are made available to nearby

schools, villages, and communities. Extension activities are encouraged to be taken up by the students to fulfill the aspirations of the Vision and mission statements of the institution. Holistic development of the individual is the aim in which the students are encouraged to participate in extension activities through agencies such as NSS, clubs, and societies. The institution encourages students to participate in curricular, co-curricular, and extracurricular activities. The institution has an active NSS wing that takes up projects like keeping the college clean and green, doing community service by conducting awareness drives through street plays to educate people on literacy and cleanliness, organizing blood donation camps, and the like. The students feel a sense of responsibility and believe that they need to give back to society and the environment that they have taken. Institute's NSS Unit student volunteers take up social service activities such as special camps in adopted villages, service to orphanages, tree plantation, yoga classes, and flood relief camps. All these programs develop in the students a sense of responsibility, accountability, integrity, and human values toward achieving the vision and mission of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/student-clubs/nss-ncc/">https://www.gprec.ac.in/campus-life/student-clubs/nss-ncc/</a>

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

0

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

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated

**programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

25

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**

4315

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**

117

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)**

10

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 has adequate infrastructure and facilities for teaching-learning and evaluation processes. These facilities are being utilized optimally and they are augmented from time to time. The College campus is spread over 27.25 acres of area with a total built-up area of 37415 Sq.m. The College has a well-defined plan for its growth and allocates a budget for infrastructure, Laboratory equipment, and other support facilities. The campus has a built-up area of 85042.32 m<sup>2</sup> catering to the needs of all students and faculty. The Institution has a total of 125 classrooms, 103 laboratories, a central library, 1 auditorium, 2-seminar Gallery, 2 boardrooms, and a playground. The computing equipment (2,889) is more than adequate for the teaching-learning process. All the classrooms are equipped with LCD projectors. The total Internet Bandwidth available is 155 Mbps. Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians/system administrators. The available physical infrastructure is optimally utilized beyond regular college hours to conduct certificate courses, cocurricular activities/extracurricular activities, proctor meetings, placement training classes, seminars, conferences, etc. Every department has a dedicated and adequate number of laboratories and classrooms as per JNTUA and AICTE norms.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/">https://www.gprec.ac.in/campus-life/</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 institution gives adequate importance to Sports and games. It has 10 acres of land for playfields. The Department of Physical Education has enough facilities for both outdoor and indoor games. Students are allowed to take part in sports/ games activities beyond working hours. Specifications related to dress and footwear are enforced strictly. A special enclosure, forming part of the gymnasium is made available for the exclusive use of women faculty and students. To promote interest in sports and cultural events, some special facilities are made available on the campus. The supportive facilities on the campus are developed to contribute to the effective ambiance for extra-curricular and co-curricular activities. The Physical Education Department is headed by a director, holding a Doctoral degree. Besides the director, there is a woman physical Director to look after the women's sports and games. The facilities for Co-curricular & extracurricular activities include Two fully air-conditioned seminar Halls and one fully airconditioned auditorium. The facilities for Sports and Games include Indoor facilities like Indoor Stadium with Wooden flooring for Shuttle Badminton, a Separate Gym for Boys and Girls, and Table Tennis courts, and Outdoor facilities like Basketball, Football, Volleyball, and Cricket.

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://www.gprec.ac.in/campus-life/sports-facilities/">https://www.gprec.ac.in/campus-life/sports-facilities/</a>

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



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)

1528

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)

The library is an integral part of the learning process and pivotal to the growth of educational institutions. The central library of GPREC, which could be considered one of the best in Andhra Pradesh in terms of subscription to Journals (online and print), magazines, databases and NPTEL materials, etc., Faculty members, research associates, and students of this institution use these resources materials extensively for their research and academic purposes. As a part of the central library, the digital library is provided with 68 systems to access e-journals like IEEE(188 journals), ASME (31 journals), ASCE (35 journals), DELNET, INFLIBNET (NLIST), NDLI, knowledge space, and NPTEL resources materials for the benefit of students and faculty. The library consists of nearly 12932 titles with 59886 volumes. The library is provided with a spacious reference section with 108 seating capacity on the first floor and a reading section for magazines, newspapers, etc., with 54 seating capacity in the ground floor. There are several displays inside the library directing the users to different areas within the library. Fire alarms are installed for any contingency. CCTV cameras are installed in the library for security purposes. Central library

timing is from 9.00 AM to 7.0PM

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/libraries/">https://www.gprec.ac.in/campus-life/libraries/</a>

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

**B. Any 3 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)**

16.7

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**

325

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 institution also has a digital library infrastructure. The institute has subscribed to various e-journals, and digital video lectures (NPTEL and others), which are renewed from time to time. The institutional repository is hosted in-house. The campus intranet has paved the way to provide seamless access to the same. The institute also has a data information center, which houses the data related to the institution. The Institute has a 24/7 IP-based surveillance system with 267 cameras, which cover the entire stretch of the institute. The recording is kept in the database for 25 days. The Student Information System is an online database of student's academic performance, which the ward/parents/guardians can access through the Internet to monitor academic performance. Every year the College IT management will identify and update the IT infrastructure on the campus-based on the need. Some of the following works were undertaken during the last five years. Extending the simultaneous usage the firewall was updated to 250 from the existing 150 users with a budget of 1.75Lakh in the year 2019. All the classrooms in the entire campus are provided with LCD Projects with an internet facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/teaching-learning-practices/">https://www.gprec.ac.in/teaching-learning-practices/</a>

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4014	1527

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	<b>No File Uploaded</b>

**4.3.4 - Institution has facilities for e-content development:**      **B. Any three of the above**  
**Facilities available for e-content development**  
**Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

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

**454**

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.

There are established systems and procedures for maintaining the institution as follows: Academic Facilities: Library: The library is headed by the Librarian with supporting staff. Books are issued to the students on specific days. Final year students are given a maximum of 4. A reservation facility is provided to book any title/volume in advance. Digital libraries would be made available during specified hours. A suggestion box is placed inside the reading room to take users' feedback. Their continuous feedback helps a lot in introducing new ideas for library enrichment Each section is allotted two or three library classes in the respective class timetable to utilize the library facility. These library classes will be mostly nonoverlapping for different sections of the same year. Books are issued to the students at specific timings allotted separately for each year and discipline. Final year students are given a maximum number of books i.e., 4 books per student. Digital library is made available for utilization by students in library classes included in their class timetable. It will remain open for students, for a specific duration, beyond college working hours also.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/">https://www.gprec.ac.in/campus-life/</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

2505

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

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

111

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

### 5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://www.gprec.ac.in/campus-life/student-clubs/">https://www.gprec.ac.in/campus-life/student-clubs/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded

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

2006

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

### 5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment

**A. All of the above**

**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**

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

417

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

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

23

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

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

during the year

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

31

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 institution encourages students to have active representation on academic and administrative bodies and committees of the Institute. The college has various platforms in the fields of co-curricular and extra-curricular activities including social service for the overall development of the students. Many clubs/forums are active on the GPREC campus, initiated by enthusiastic students with a passion for the arts, culture, or hobbies – and keep students occupied after academic hours. GPREC ( G Pulla Reddy Engineering College) is having a unique culture of student-driven activities and committees. Students have always been a part of planning and executing all cultural and sports activities. The institute has student participation in all types of Cultural Activities and Sports events. On the day of first-year admission, the orientation program is organized by the college for all first-year students and their parents. This will be addressed by the Chairman, Principal, Deans, and HODs of various departments regarding the



resources provided to them. A one-week Induction program has been organized for the first-year students of the 2020-2021 batch. Programs in the areas of psychology, Culture, Behavioural aspects, Yoga, Sports and games, and Personality development were scheduled. A specialist from important organizations like Vivekananda Yoga Center, Psychologists, etc was invited. Special sessions were arranged for senior students to interact with first-year students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/student-clubs/">https://www.gprec.ac.in/campus-life/student-clubs/</a>

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

13

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

The alumni association in the institution has various chapters like GPREC North America Alumni Association, GPREC Hyderabad Chapter, and GPREC Bangalore Chapter. GPREC Alumni Association is to foster strong bonds between alumni, students, and the Institute to keep alumni informed and create a network enabling them to remain engaged with their alma mater and help shape its future through the Association's programs and services. The Alumni, through mentoring activities, industry events, awards, and financial assistance to needy students. GPREC Alumni Association creates a vibrant professional culture capable of addressing the technological needs of society. Alumni Connect: Alumni Connect is a program designed for the benefit of the

students who appear in campus placements. The GPREC Alumni Association arranged a series of webinars from a range of professional backgrounds. The series aims to provide essential learning & engagement opportunities around the pillars of lifelong learning, personal growth, and wellbeing. Mock Interviews: The Mock Interviews program is designed to assist the students in developing and honing the skills necessary to face and clear the interviews successfully. Alumni volunteers in association with T&P Cell conduct one-on-one interviews virtually or in person with students to provide constructive feedback regarding the student's interviewing skills. Each interview is scheduled for 30 minutes. Interview schedules are set up to accommodate alumni and student availability. The Alumni Association and T&P Cell encourage students to treat the mock interviews as real interviews in every respect and direct students to prepare accordingly.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/alumni-home/">https://www.gprec.ac.in/alumni-home/</a>

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

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The governance of the institution is based on the guidelines of the University Grants Commission for autonomous colleges, Andhra Pradesh State Council of Higher Education, and the governing Council of the institution. The Governance of the institution is reflective of effective leadership, which encourages a participative decision-making process and helps in building the organizational culture. The leadership and guidance provided by the apex body, the College Governing Council, has ensured a very effective system development and improvement.

**VISION:** To become the choicest institute of technology and a hub of academic and industrial research and development.

**MISSION:** To provide a conducive academic ambiance, excellent infrastructure, continually updated lab equipment, and committed and scholarly faculty to realize the vision of the college. Developmental needs are identified, discussed, and reviewed periodically to remove the impediments involved in the functioning of the College and furthering its progress. The governing body supports the college administration with decisions, approvals, and developmental matters. The Management system development, implementation, and continuous improvement are ensured by the leadership and they reflect the efforts of the institution in achieving its vision. Overall, the institution monitors and evaluates its policies and plans and implements the same for improvement continuously.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/governing-body/">https://www.gprec.ac.in/about-us/governing-body/</a>

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

The College promotes a culture of participative management, by encouraging decentralization, wherever feasible. Heads of the Departments would look after the administration and monitor the day-to-day functioning and progress of the respective Departments. The process of administration is thus decentralized. One practice of decentralization is that the HOD would obtain feedback on faculty, periodically, from the students of that class and take appropriate academic action based on the contents of the feedback obtained. The Heads of the Departments have a role to play in the formulation of budget proposals for the respective Departments and are also involved in the process of allocation of budgetary funds along with the management. The Levels of participative management include: HODs are involved in the administration of departments focusing on developmental activities, Faculty members are made members of different administrative/academic committees and Boards, and the Head of the institution seeks the participation of HODs in preparation of institutional draft proposals. The college grooms

the leadership at various levels focusing on academic administrative responsibilities coupled with accountability. The hallmarks of the organizational setup are decentralization, transparency, and participative management. Decision-making and financial powers are vested with the concerned authorities, at different levels. This would result in an expedited administrative process and simplification of the management of issues involved.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/management/">https://www.gprec.ac.in/about-us/management/</a>

## 6.2 - Strategy Development and Deployment

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

The college has a perspective plan for development. The perspective plan is an important component of the institution's strategy development and deployment process. The leadership provides a clear vision and mission to the institution.

**Curriculum Development:** Revision of the curriculum and its developments are done systematically to improve the quality of the content of the curriculum and to keep it abreast of industry/organization requirements. Quality improvement is ensured by widening the scope of the process of formulation of syllabus and its review, by including various stakeholders like Academicians Industry/field experts, alumni, and parents.

**Teaching and Learning:** Continuous efforts are being made to ensure the effectiveness of the teaching and learning process by adopting various measures like Improving the skills and standards of faculty utilizing FDPs. Extensive use of ICT tools in classroom teaching. Focusing on Interactive sessions.

**Examination and Evaluation:** Creation of awareness among invigilators. Forming squads consisting of exclusive female faculty staff members for checking purposes for girl students in the Examination halls.

**Research and Development:** Faculty publications are encouraged through incentives. Participation of Faculty in outstation events is sponsored and funded generously

to yield better development of faculty skills.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/about-us/academic-council/">https://www.gprec.ac.in/about-us/academic-council/</a>
Upload any additional information	No File Uploaded

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

The internal organizational structure of the College for decision-making processes and their effectiveness

**Governing Council:** Highest decision-making body of the institution, Statutory body, Constituted as per guidelines of the regulating bodies.

**Academic Council:** Ratifies the decisions of the Board of Studies, Makes regulations for sports and extra-curricular activities. Recommends to the Governing Body proposals for the institution of new programs of study.

**Principal:** The Administrative Head of the Institution, Wields power about administrative and academic matters.

**Dean of Students Affairs:** Responsible for creating and maintaining a supportive environment for the holistic development of the student.

**Controller of Examinations:** Looks after examination-related tasks assisted by Additional Controllers of examinations.

**Training and Placement Officer:** Looks after tasks related to Training and Placement activities.

**Head of Departments:** Initiate appropriate measures for strengthening teaching-learning processes. Adequate freedom to take academic/administrative decisions. Statutory and non-statutory committees look after the academic and administrative procedures. These committees conduct meetings and the minutes are recorded. The following are some of the committees:

**Statutory and Non-Statutory Committees:** Governing Body, Academic Council, Boards of Studies, Finance Committee, Grievance Redressal Committee, Planning and Evaluation Committee, Library Committee, Examination Committee, Admissions Committee, Studies, Welfare, and Extra-Curricular Activities Committee, AntiRagging Committee, Women's Cell, Purchase Committee, Training & Placement Committee, Sports and Games Committee, Research & Development Committee, Consultancy Cell, Centre for Incubation and entrepreneurship. These committees are functioning to facilitate the successful

**implementation of autonomy.**

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.gprec.ac.in/about-us/service-rules/">https://www.gprec.ac.in/about-us/service-rules/</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/academic-council/">https://www.gprec.ac.in/about-us/academic-council/</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**      **B. Any three 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	<b>No File Uploaded</b>

**6.3 - Faculty Empowerment Strategies**

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

The staff welfare schemes available for Teaching and Non Teaching Staff are: Contributory EPF Pension Scheme, Gratuity, Medical leave on half-pay, Academic leave, Maternity leave for women staff, Festival / Educational advance for non-teaching staff, and Partial reimbursement of health insurance premium. To enumerate professional development of teaching and non-teaching, the following efforts are made as Encouraging faculty to acquire higher qualifications to improve academic competencies and capabilities, Sponsoring faculty to participate in pedagogical training programs, Exploring faculty to specialized research facilities in institutes of higher learning and R&D organizations, Modernization of laboratories with research

facilities, Extending financial assistance, to go abroad for presenting papers at international conferences. The non-teaching staff is encouraged to Upgrade their skills/capabilities and attend/participate in training programs and workshops with financial assistance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/about-us/service-rules/">https://www.gprec.ac.in/about-us/service-rules/</a>

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

34

File Description	Documents
Upload any additional information	No File Uploaded
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

17

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.)

185

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

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

The college has a mechanism for internal and external audits. Internal Audit: Usually conducted by college authorities and accounting department staff and Office staff by preparing and reviewing income-expenditure statements annually. External Audit: External auditing agencies consisting of Chartered accountants and other competent people are conducted annually Reports are submitted to the governing body of the institution along with the annual budget proposals, for review and approval.

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

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

0

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	No File Uploaded
Any additional information	No File Uploaded

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



The institute has adequate budgetary provisions for academic and administrative activities. Optimal utilization of the budget is strictly adhered to by the institution. There are established procedures and processes for planning the allocation of financial resources. The various mechanisms to monitor the use of financial resources are Budgetary reviews on an annual basis, Allotments to different departments, decentralized financial powers and limits, and Resource mobilization through sponsored schemes/projects. A major portion of the resource mobilization is through the tuition fee collected from the students. The institution also supplements its resources in many ways, like expanding consultancy services for Revenue generation, Grants from sponsored Research and Development projects from funding agencies and offering value-added programs resulting in resource mobilization.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/management/">https://www.gprec.ac.in/about-us/management/</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)

IQAC is involved in improving standards in different colleges regularly. Based on the recommendations of the academic audit, appropriate measures will be taken by the college. Some include consistency among lesson plans, teaching diaries, and syllabus coverage reports to improve the teaching-learning process, Consistency of the evaluation process with the lesson plans is also verified, Attainment levels of course outcomes, and Preparation of common question papers for the same subjects for different sections. IQAC has contributed to institutionalizing assurance strategies and processes. The periodic audits have proved to be very effective in assimilating quality. The audit provides an effective feedback mechanism for improvement. IQAC plays a major role in achieving quality by conducting regular reviews which are undertaken for quality checks. Quality is ensured by the review and monitoring of the various processes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/mandatory-disclosures/#igac">https://www.gprec.ac.in/mandatory-disclosures/#igac</a>

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

To continuously review the teaching-learning process, a central body viz the Academic Council has been established. This is a statutory body fulfilling the requirement of autonomy. It regularly monitors and reviews teaching and learning processes. It has all the Heads of the Departments and senior faculty as members and the principal as its chairman. The council meets frequently and takes decisions regarding all academic matters. It also approves and ratifies the decisions of the various Boards of Studies. Besides the Academic Council, several committees are also engaged in reviewing the teaching-learning process continuously. The IQAC has external members on its committees. There are policies in place for the periodic review of the administrative and academic departments and subject areas. Service rules and policies are published and communicated to all the employees. Following academic regulations prescribed by the BoS and approved by the Academic Council. Sanction of institutional-level in-house projects to encourage research activities. Opinions of experts/academicians form the basis for changes in the subject content.

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

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

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

**ISO Certification)**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.gprec.ac.in/mandatory-disclosures/#igac">https://www.gprec.ac.in/mandatory-disclosures/#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	No File Uploaded

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

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

G Pulla Reddy Engineering College strongly encourages gender parity and is constantly working towards providing a conducive environment for efficient and effective communication between employees and students. Men and women need to be sensitized towards gender issues, the boundaries that exist between colleagues, and how such boundaries are crossed. The students and faculty of the University also need to be constantly informed about the Sexual Harassment of Women at Workplace Act, 2013 the manner in which the Women's Cell is constituted, and how it works towards providing protection against sexual harassment of women at the workplace and for the redressal of complaints of sexual harassment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://womencell.gprec.ac.in/">http://womencell.gprec.ac.in/</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/**

**C. Any 2 of the above**

**power-efficient equipment**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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)

**Waste Management steps:**

This initiative was taken in view of the National mission on "Clean and Green Environment" followed by Swatch Bharat Abhiyan, Plastic ban, Dry and Wet waste garbage separation, Rain water harvesting, usage of controlled water, Recycling of used water, Paper shredding to make art paper, E-waste and so on so forth. As an Institute we take steps in whatever small way we can to support the global cause by initiating a few, but concrete steps to meet the goals.

Waste management is a major issue facing in modern society. To resolve the problem of waste management, a growing emphasis has been placed on the three R's: Reduce - Reuse - Recycle.

**Solid waste management:**

Solid waste management is a system for handling all the garbage and includes waste collection, recycling programs, dumps, and incinerators. It is also focused on developing environmentally sound methods of handling garbage. The main aim of solid waste management is reducing and eliminating adverse impacts of waste materials on human health and environment and thereby to support economic development and superior quality of life.

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

**7.1.4 - Water conservation facilities**

A. Any 4 or all of the above

**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**

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

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

**B. Any 3 of the above**

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

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

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

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

**C. Any 2 of the above**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**

### 5. Beyond the campus environmental promotional activities

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

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

**B. Any 3 of the above**

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

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

**The college organizes and conducts various activities for youth to build and promote an environment for ethical, cultural, and**

spiritual values among the students and staff. To develop oneness and social harmony in the institution commemorative days (like Independence Day, Engineers Day, etc) are celebrated on the campus to enrich the emotional and national feelings among the students with the support of the management. The college teaching and nonteaching staff jointly celebrate the cultural and regional festivals, like New-years Day, Fresher Party, teacher's Day, orientation and farewell program, Induction program, rally, oath, plantation, Youth Day, Women's Day, Yoga Day, festivals like Diwali Mela celebration, Holi Milan celebration, New Year celebration, etc. Religious festivals like Vijaya Dashami, were also celebrated. Especially for Vinayaka Chavithi to promote clay idols to avoid plaster of paris usage. Motivational lectures from eminent persons of various fields are arranged for students to improve personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, the institution has built up many strong infrastructures for sports activities for the physical development of the students.

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

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

A Student Induction Program was conducted every year. The purpose of the induction program is to help new students to adjust and feel comfortable in the environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of a larger purpose and self-exploration. At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture, and values, and their mentor groups are formed. Then the different activities start, including those which are daily. One such activity is Universal Human Values. It gets the student to explore oneself and experience the joy of learning, prepares one to stand up to peer pressure and take decisions with courage, be aware of relationships and be sensitive to others, understand the role of money in life, and experience the feeling of

prosperity. The need for character building has been underlined by many thinkers, universal human values provide the base.

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**

**B. Any 3 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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

**Institute Organizes Special Events such as celebrating the National Teachers Day, Independence Day, Republic Day, Engineers Day, Science Day National Youth Day, and various NSS and social service activities are also being conducted by the institution apart from the annual Techno-Cultural Fest that involves a variety of innovative competitions, guest lectures, and games. The above activities enhance their communication**



skills, management skills, leadership skills, teamwork, time management, and resource management skills, and build confidence in each student. Environment Day, Earth Day, and Water Day is celebrated every year, in which students actively participate. Workshops and seminars on various aspects of environmental sustainability are organized periodically. Women's Cell Women students, preferably from higher classes are nominated to the Women's Cell Committee. They actively take part and assist the faculty in conducting various women-oriented programs including the celebration of International Women's Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<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

1. **Title of the Practice:** Ten-minute talk/presentation by students in each class.

2. **Objectives of the Practice:** To improve the communication skills of the students. To raise their self-confidence. To train the students in the preparation of presentations/speeches To positively impact the placement opportunities of the students by enabling them to face the interviews with confidence.

3. **The Context:** Engineering students are required to be groomed to become able professionals having requisite skills in engineering, in the field of their study. Besides the professional knowledge and skills, the requirement of employable students by the industry/organizations includes communication skills. The talk/presentation by students is designed to address the core issue of improvement in communication skills. The challenges a student is likely to face, during the study, are many and varied. The most important challenge that a student has to address is communication. The practice assumes significance in this context. Its implementation would pave the way, for

addressing the basic needs, the employer would expect from the students, in the process of recruitment, that is communication skills.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.gprec.ac.in/igac/Best%20Practices.pdf">https://www.gprec.ac.in/igac/Best%20Practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

The institution, as outlined in its Vision and Mission statements, is making every effort to impart quality education and bring up young Engineers in a well-defined academic atmosphere. The priority of the institution has always remained the improvement of the quality and standards of its human resources, namely faculty and staff. Various Faculty Development Programs and staff training programs are arranged to ensure quality and upgrade knowledge and skills. The thrust areas identified by the institutions are the personality development of students and, Establishment of state-of-the-art technology equipment/tools.

## 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.

G. Pulla Reddy Engineering College has been functioning as an autonomous institution since 2006. The institution has embarked on its own curriculum design and development process after obtaining autonomous status from UGC. The process remained a continuous and inclusive process. To begin with, the process commenced with introducing curricular reforms by modifying various courses that are relevant to the programmes. The recent revision of the curriculum began with the announcement of a model curriculum for engineering programmes by the AICTE, New Delhi, APSHE, A.P and followed by the affiliating university, JNTUA. The Model curriculum proposes 160 Credits. The credit distributions on the category of the courses are designed based on the AICTE model curriculum. The initial phase for ensuring academic quality is the design of the curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. The next phase, the Course Outcomes (COs) for every course are mapped with the POs of NBA and the Program Specific Outcomes (PSOs) of the program.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.gprec.ac.in/programs-offered/#">https://www.gprec.ac.in/programs-offered/#</a>

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

8

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

328

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

## 1.2 - Academic Flexibility

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

82

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

15

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

### 1.3 - Curriculum Enrichment

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

The Institution integrates cross - cutting issues of the society like Moral Values, Human Values, Professional Ethics, Gender Equality, and Environmental Awareness, which are inseparable parts of the curriculum. Two weeks Induction programme related to human values and gender sensitization is an integral part of the curriculum of the first year. The mandatory courses on the Constitution of India and Environmental Studies for the second year are important parts of the Curriculum. These subjects provide a free environment for inculcating values and developing ethical competence among the students. An exemplary citizen is made, not born. Just as mathematics and languages are learned, there is a need to become specialists in those lessons that are fundamental to living in harmony and social progress such as respect, empathy, equality, and solidarity. Without these and other ethical principles that define us as human beings, it will be difficult for us to build a better world. Both traditional education and values education are essential for personal development and they help us to define our objectives in life. But, whilst the former teaches us about social, scientific, and humanistic knowledge, the latter trains us to be good citizens.

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**

52

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**

3892

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

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

1371

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://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structu red%20Feedback%20-merged.pdf">https://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structu red%20Feedback%20-merged.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structu red%20Feedback%20-merged.pdf">https://www.gprec.ac.in/naac/criterial/1.4.1_for%20URL%20Stakeholder%20Structu red%20Feedback%20-merged.pdf</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

1076

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)

599

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

The college attracts fairly good students through the entrance examination and also another mode of admission prevailing in the state of Andhra Pradesh. During the first three weeks of the commencement of the engineering education journey, the students were given an extensive awareness of the governance system and all the academic processes. The induction program was completely designed and organized by the college, involving administration, internal and external stakeholders, and senior faculty. The students were exposed to various aspects of student-centric learning experiences right from the academic rules and regulations, the curriculum design and structure, teaching-learning methods, and assessment patterns, both formative and summative. They were also well informed about Outcome-based education based on which their curriculum was designed. In addition, students were also exposed to life skills, yoga, and code of conduct through various activities by trained experts. The institution has well-planned multi-level strategies that are implemented from time to time to address the issues of diversity in students' learning levels. Initial cues of the student's learning abilities are obtained from their performance in the qualifying examination, entrance examination, and the induction training program conducted immediately after admission.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/naac/criteria2/2.2.1%20Remidial%20for%20slow%20learners%20All.pdf">https://www.gprec.ac.in/naac/criteria2/2.2.1%20Remidial%20for%20slow%20learners%20All.pdf</a>

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



Year	Number of Students	Number of Teachers
30/06/2023	4014	204

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:

G. Pulla Reddy Engineering College practices structured teaching-learning processes in each semester to impart value education not only through traditional methodologies but also through active learning to enhance students to take initiative, make decisions, and be accountable for results. Experimental Learning The institution makes the students interactive by encouraging each individual to work things out for themselves; they are guided to and through their learning rather than being taught during practical classes. They are also provided space for executing real-time application-oriented programs using modern tools in a simulation laboratory. Students can grasp the concepts through demonstration, and video lectures. To understand the industrial expectations, The institution encourages students to undergo In-plant training, Internship training, and Industrial visits in the respective domains. The institution has also established e-learning facilities and resources like NPTEL, a Learning Management System, e-books and e-journals, Digital library to improve their creative thinking in technical fields. Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious, solving problems, and being creative.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.gprec.ac.in/naac/criteria2/2.3.1-converted%20ECE.pdf">https://www.gprec.ac.in/naac/criteria2/2.3.1-converted%20ECE.pdf</a>

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

learning

G. Pulla Reddy Engineering college customs contemporary information and Communication Technology (ICT) tools for effective teaching and learning in the recent scenario. The ICT tools are the latest technology and concepts used in ICT among students to students, students to teacher interaction (e.g., Google Classroom, video lectures). ICT-facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts being taught. Today, it is essential for students to learn and master the latest technologies to be corporate-ready. As a consequence, faculty are combining technology with traditional modes of instruction to engage students in long-term learning. The innovation in teaching is necessary to engage the students for the course of 45 to 60 hours. At the end of the course, the average student's strength will excel in performance and attain the course outcome with in-depth knowledge. To overcome the difficulties of slow and inactive learners in attaining the course outcome, it is necessary to renovate the teaching methodology. A few innovative learning methods like Google Classroom, online education, project-based learning, and activity-based learning provoke inactive or slow learners to be more active in learning the course.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.gprec.ac.in/teaching-learning-practices/">https://www.gprec.ac.in/teaching-learning-practices/</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

191

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

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

The institution provides the academic calendar along with necessary instructions to the faculty members to facilitate the smooth conduct of the academic program effectively and meticulously. The instructions include the guidelines for setting sessional question papers, guidelines regarding the invigilation duties, and general instructions regarding the conduct of end practical examinations. The institution also provides an academic planner. All the faculty and staff should abide by the given instructions and follow the academic planner meticulously. A detailed academic schedule is also provided to the students. This includes the dates of commencement and end of the first and second spell of instructions, along with the dates of commencement and ending of sessional examinations, end theory, end practical, and supplementary examinations. The list of holidays is also provided along with the academic schedule. The institution strictly adheres to the academic calendar. Any unexpected loss of working days is compensated accordingly to ensure the smooth conduct of the academic program. The institution also provides information about various committees like the convener's respective committees. It also provides contact information about the authorities in various administrative positions. The Institute Academic Committee (IAC) collects the plan of action from Departments and Section heads and puts it forth in the Academic Committee that prepares a well-planned Academic calendar. It is printed and displayed on the notice boards and also kept on the college website.

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

204

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

84

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)

2213

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

36

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

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

0

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

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

The college has been continuously carrying out reforms that keep its examination system open for modifications and thus strengthen it from time to time, ensuring the system is foolproof and addresses the grievances of students if any. The institutional reforms in all the activities of the examination system are kept as per the AICTE norms for various engineering disciplines. The drivers for reforms in the examination system of engineering education have been incorporated into institutions examination system and they include OBE- the framework for the assessment process, evaluation of higher-order abilities, and professional skills in different forms like MOOCs, internship experience, and project works, Bloom's taxonomy for assessment design, etc.

A credit system was introduced for the benefit of the students.

- Quizzes / Project works and assignments are made part of the evaluation.

- Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation, and declaration of results.
- Continuous Internal Assessment (CIA) includes Mid examinations twice in a semester for each course, periodical assignments/tests/quizzes, etc. to keep the students meaningfully engaged with the subject content throughout the semester. A credit-based system was instituted for the ease of students. The examination system is completely IT integrated which enables the system for the fast processing of registration, conduction of examination, evaluation, attainment of outcomes, the announcement of results, and printing of grade sheets.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/academics/examinations/exam-time-table/">https://www.gprec.ac.in/academics/examinations/exam-time-table/</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

Program Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students: VISION: To become the choicest institute of technology and a hub of academic and industrial research and development MISSION: To provide conducive academic ambiance, excellent infrastructure, continually updated lab equipment, and committed and scholarly faculty to realize the vision of the college QUALITY POLICY: G. Pulla Reddy Engineering College, Kurnool, is engaged in imparting "quality education and training" in the field of engineering and technology. It aims to be an institute of excellence in technical education through continual improvement. The institute facilitates faculty and staff to work as a team and update their knowledge and skills to match the industrial and technological development Program Outcomes (POs): Program Outcomes evaluate the skill set, application knowledge, and learning attitude of the students at the end of the

engineering program's course completion. Program Outcomes (POs) describe the achievement of the aim and professional accomplishments attained by the students at the end of the program. During graduation, POs cover broad areas of engineering knowledge, personality development, and competing skills that are to be acquired by the students.

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://www.gprec.ac.in/programs-offered/civil-engineering/">https://www.gprec.ac.in/programs-offered/civil-engineering/</a>

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

A quality educational environment is provided on the campus where the student is allowed to interact with the faculty and mentors to convey his academic, and learning difficulties. Course outcomes are evaluated through internal and external examinations and the performance of the students is analyzed about the assimilated knowledge in the concerned subjects. The evaluation of internal and external examinations is communicated to the parents. Based on the performance corrective measures are initiated by the mentoring system. The students are allowed to check their evaluated performance through the campus web portal through their login credentials. CO Attainment Course Outcome (CO) assessment is carried out using direct and indirect methods. The evaluation, of course, outcome by the direct method is based on sessional examinations, assignments, quizzes, and semester external examinations. Every question in internal/external is mapped to the corresponding CO and the overall evaluation of each CO is considered for final attainment. 1. Sessional internal Examinations are conducted twice a semester and each of them covers the evaluation of all the relevant COs attainment. 2. External End Examination is descriptive, and a metric for assessing whether all the COs are attained. The indirect assessment is done through the course end survey

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/programs-offered/mechanical-engineering/">https://www.gprec.ac.in/programs-offered/mechanical-engineering/</a>

### 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

769

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://www.gprec.ac.in/academics/academic-calendar/">https://www.gprec.ac.in/academics/academic-calendar/</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://www.gprec.ac.in/igac/NAAC-Student-Satisfaction-Survey-2023.pdf>

### 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

G Pulla Reddy Engineering College (GPREC) is established with a vision to become the choicest institute of technology and a hub for academic, and industrial research and development. The main motto of GPREC is to serve the global Engineering



community through the dissemination of knowledge on recent advances in different fields of Engineering, in association with basic science experts, through its several departments. GPREC has excellent laboratory facilities and encourages faculty to undertake sponsored research projects with a commitment to serve society. GPREC has good laboratory facilities for master's degree and Ph.D. students. The institute encourages the innovative ideas of the graduate, postgraduate students, and research scholars, by providing the required infrastructure to the interested faculty, and financial support to work on their new ideas. GPREC R & D cell allocates special funds for the students to do B.Tech projects, to the faculty for doing in-house projects. Research and development are carried out in several areas such as composite materials, communication engineering, environmental engineering, IoT, machine learning, robotics, smart grids, power systems, construction materials, and thermodynamics. All five engineering streams of GPREC have been recognized as research centers by JNTUA Ananthapuramu, Andhra Pradesh. GPREC adheres to the guidelines of the JNTUA.

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

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

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

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
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)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

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

39

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

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

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

**3.3 - Innovation Ecosystem**

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

The Entrepreneurship Development Cell (EDC) at GPREC was established in July 2003. EDC is a Platform for students dedicated to the development of multidimensional skills. EDC

is a forum where interdisciplinary students with heterogeneous competencies are brought together. It invites various eminent entrepreneurs to deliver lectures to educate students about the joys and hardships of entrepreneurship. Guest Lectures, Workshops, Case studies, and Group Discussions are conducted throughout the year to involve students in activities that are essential to being an entrepreneur. The Entrepreneurship Development Cell aims at recognizing and developing the entrepreneurial skills of individuals. To be a successful entrepreneur an individual needs to be a leader, a team player, and a risk-taker. the student should also be an excellent judge of opportunities and recognize the potential a market can offer. A good entrepreneur has to analyze the market and plan and implement his ideas for a better society. Keeping these objectives in mind the E-Cell functions to guide budding Entrepreneurs in their endeavor. Many ideas are incubated at EDC leading up to Start-Ups. The individual department interacts with the industry to ascertain its needs to fill the gap in the curriculum. The gap is filled by arranging workshops addressed by industry personnel. Industry institution relationship works in the following are Industrial visits for students and faculty. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects. Expert lectures by industry personnel were given to the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/national-innovation-policy/">https://www.gprec.ac.in/national-innovation-policy/</a>

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

5

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

### 3.4 - Research Publications and Awards

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

A. All of the above

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

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

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

1

File Description	Documents
URL to the research page on HEI website	<a href="https://www.gprec.ac.in/research-and-development/">https://www.gprec.ac.in/research-and-development/</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

93

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

4

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

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

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

1117

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

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

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

18

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

### 3.5 - Consultancy

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

18.15

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	No File Uploaded
Any additional information	No File Uploaded

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

0

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

### 3.6 - Extension Activities

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

The Institute inculcates social values and responsibilities to the faculty members and students by imparting extension activities in the neighbourhood for the holistic development of society. The institute is committed to carving out a generation that would take an active role in social activities. With this aim in view, extension services are made available to nearby schools, villages, and communities. Extension activities are encouraged to be taken up by the students to fulfill the aspirations of the Vision and mission statements of the institution. Holistic development of the individual is the aim in which the students are encouraged to participate in extension activities through agencies such as NSS, clubs, and societies. The institution encourages students to participate in curricular, co-curricular, and extracurricular activities. The institution has an active NSS wing that takes up projects like keeping the college clean and green, doing community service by conducting awareness drives through street plays to educate people on literacy and cleanliness, organizing blood donation camps, and the like. The students feel a sense of responsibility and believe that they need to give back to society and the environment that they have taken. Institute's NSS Unit student volunteers take up social service activities such as special camps in adopted villages, service to orphanages, tree plantation, yoga classes, and flood relief camps. All these programs develop



in the students a sense of responsibility, accountability, integrity, and human values toward achieving the vision and mission of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/student-clubs/nss-ncc/">https://www.gprec.ac.in/campus-life/student-clubs/nss-ncc/</a>

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

0

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

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

25

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

4315

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

117

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)

10

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 has adequate infrastructures and facilities for teaching-learning and evaluation processes. These facilities are being utilized optimally and they are augmented from time to time. The College campus is spread over 27.25 acres of area with a total built-up area of 37415

Sq.m. The College has a well-defined plan for its growth and allocates a budget for infrastructure, Laboratory equipment, and other support facilities. The campus has a built-up area of 85042.32 m<sup>2</sup> catering to the needs of all students and faculty. The Institution has a total of 125 classrooms, 103 laboratories, a central library, 1 auditorium, 2-seminar Gallery, 2 boardrooms, and a playground. The computing equipment (2,889) is more than adequate for the teaching-learning process. All the classrooms are equipped with LCD projectors. The total Internet Bandwidth available is 155 Mbps. Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians/system administrators. The available physical infrastructure is optimally utilized beyond regular college hours to conduct certificate courses, cocurricular activities/extracurricular activities, proctor meetings, placement training classes, seminars, conferences, etc. Every department has a dedicated and adequate number of laboratories and classrooms as per JNTUA and AICTE norms.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/">https://www.gprec.ac.in/campus-life/</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 institution gives adequate importance to Sports and games. It has 10 acres of land for playfields. The Department of Physical Education has enough facilities for both outdoor and indoor games. Students are allowed to take part in sports/ games activities beyond working hours. Specifications related to dress and footwear are enforced strictly. A special enclosure, forming part of the gymnasium is made available for the exclusive use of women faculty and students. To promote interest in sports and cultural events, some special facilities are made available on the campus. The supportive facilities on the campus are developed to contribute to the effective ambiance for extra-curricular and co-curricular activities. The Physical Education Department is headed by a director, holding a Doctoral degree. Besides the director, there is a woman physical Director to look after the women's sports and games. The facilities for Co-

curricular & extracurricular activities include Two fully air-conditioned seminar Halls and one fully airconditioned auditorium. The facilities for Sports and Games include Indoor facilities like Indoor Stadium with Wooden flooring for Shuttle Badminton, a Separate Gym for Boys and Girls, and Table Tennis courts, and Outdoor facilities like Basketball, Football, Volleyball, and Cricket.

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://www.gprec.ac.in/campus-life/sports-facilities/">https://www.gprec.ac.in/campus-life/sports-facilities/</a>

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

69

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)

1528

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)

The library is an integral part of the learning process and pivotal to the growth of educational institutions. The central library of GPREC, which could be considered one of the best in Andhra Pradesh in terms of subscription to Journals (online and print), magazines, databases and NPTEL materials, etc., Faculty members, research associates, and students of this institution use these resources materials extensively for their research and academic purposes. As a part of the central library, the digital library is provided with 68 systems to access e-journals like IEEE(188 journals), ASME (31 journals), ASCE (35 journals), DELNET, INFLIBNET (NLIST), NDLI, knowledge space, and NPTEL resources materials for the benefit of students and faculty. The library consists of nearly 12932 titles with 59886 volumes. The library is provided with a spacious reference section with 108 seating capacity on the first floor and a reading section for magazines, newspapers, etc., with 54 seating capacity in the ground floor. There are several displays inside the library directing the users to different areas within the library. Fire alarms are installed for any contingency. CCTV cameras are installed in the library for security purposes. Central library timing is from 9.00 AM to 7.0PM

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/libraries/">https://www.gprec.ac.in/campus-life/libraries/</a>

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

**B. Any 3 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)**

16.7

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**

325

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 institution also has a digital library infrastructure. The institute has subscribed to various e-journals, and digital video lectures (NPTEL and others), which are renewed from time to time. The institutional repository is hosted in-house. The campus intranet has paved the way to provide seamless access to the same. The institute also has a data information center, which houses the data related to the institution. The Institute has a 24/7 IP-based surveillance system with 267 cameras, which cover the entire stretch of the institute. The recording is kept in the database for 25 days. The Student Information System is an online database of student's academic performance, which the ward/parents/guardians can access through the Internet to monitor academic performance. Every year the College IT

management will identify and update the IT infrastructure on the campus-based on the need. Some of the following works were undertaken during the last five years. Extending the simultaneous usage the firewall was updated to 250 from the existing 150 users with a budget of 1.75Lakh in the year 2019. All the classrooms in the entire campus are provided with LCD Projects with an internet facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/teaching-learning-practices/">https://www.gprec.ac.in/teaching-learning-practices/</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4014	1527

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. 50 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

B. Any three of the above

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

#### 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)

454

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.

There are established systems and procedures for maintaining the institution as follows: Academic Facilities: Library: The library is headed by the Librarian with supporting staff. Books are issued to the students on specific days. Final year students are given a maximum of 4. A reservation facility is provided to book any title/volume in advance. Digital libraries would be made available during specified hours. A suggestion box is placed inside the reading room to take users' feedback. Their continuous feedback helps a lot in introducing new ideas for library enrichment Each section is allotted two or three library classes in the respective class timetable to utilize the library facility. These library classes will be mostly nonoverlapping for different sections of the same year. Books are issued to the students at specific timings allotted separately for each year and discipline. Final year students are given a maximum number of books i.e., 4 books per student. Digital library is made available for utilization by students in library classes included in their class timetable. It will remain open for



students, for a specific duration, beyond college working hours also.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/">https://www.gprec.ac.in/campus-life/</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

2505

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

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

111

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in**

**A. All of the above**

Technology	
File Description	Documents
Link to Institutional website	<a href="https://www.gprec.ac.in/campus-life/student-clubs/">https://www.gprec.ac.in/campus-life/student-clubs/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>	
2006	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees</b>	<b>A. All of the above</b>

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<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

417

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

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

23

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

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

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

31

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 institution encourages students to have active representation on academic and administrative bodies and committees of the Institute. The college has various platforms in the fields of co-curricular and extra-curricular activities including social service for the overall development of the students. Many clubs/forums are active on the GPREC campus, initiated by enthusiastic students with a passion for the arts, culture, or hobbies - and keep students occupied after academic hours. GPREC ( G Pulla Reddy Engineering College) is having a unique culture of student-driven activities and committees. Students have always been a part of planning and executing all cultural and sports activities. The institute has student participation in all types of Cultural Activities and Sports events. On the day of first-year admission, the orientation program is organized by the college for all first-year students and their parents. This will be addressed by the Chairman, Principal, Deans, and HODs of various departments regarding the resources provided to them. A one-week Induction program has been organized for the first-year students of the 2020-2021 batch. Programs in the areas of psychology, Culture, Behavioural aspects, Yoga, Sports and games, and Personality development were scheduled. A specialist from important organizations like Vivekananda Yoga Center, Psychologists, etc was invited. Special sessions

were arranged for senior students to interact with first-year students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/campus-life/student-clubs/">https://www.gprec.ac.in/campus-life/student-clubs/</a>

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

13

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

The alumni association in the institution has various chapters like GPREC North America Alumni Association, GPREC Hyderabad Chapter, and GPREC Bangalore Chapter. GPREC Alumni Association is to foster strong bonds between alumni, students, and the Institute to keep alumni informed and create a network enabling them to remain engaged with their alma mater and help shape its future through the Association's programs and services. The Alumni, through mentoring activities, industry events, awards, and financial assistance to needy students. GPREC Alumni Association creates a vibrant professional culture capable of addressing the technological needs of society. Alumni Connect: Alumni Connect is a program designed for the benefit of the students who appear in campus placements. The GPREC Alumni Association arranged a series of webinars from a range of professional backgrounds. The series aims to provide essential learning & engagement opportunities around the pillars of lifelong

learning, personal growth, and wellbeing. **Mock Interviews:** The Mock Interviews program is designed to assist the students in developing and honing the skills necessary to face and clear the interviews successfully. Alumni volunteers in association with T&P Cell conduct one-on-one interviews virtually or in person with students to provide constructive feedback regarding the student's interviewing skills. Each interview is scheduled for 30 minutes. Interview schedules are set up to accommodate alumni and student availability. The Alumni Association and T&P Cell encourage students to treat the mock interviews as real interviews in every respect and direct students to prepare accordingly.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/alumni-home/">https://www.gprec.ac.in/alumni-home/</a>

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

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

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

The governance of the institution is based on the guidelines of the University Grants Commission for autonomous colleges, Andhra Pradesh State Council of Higher Education, and the governing Council of the institution. The Governance of the institution is reflective of effective leadership, which encourages a participative decision-making process and helps in building the organizational culture. The leadership and guidance provided by the apex body, the College Governing Council, has ensured a very effective system development and improvement.

**VISION:** To become the choicest institute of technology and a hub of academic and industrial research and development.

MISSION: To provide a conducive academic ambiance, excellent infrastructure, continually updated lab equipment, and committed and scholarly faculty to realize the vision of the college. Developmental needs are identified, discussed, and reviewed periodically to remove the impediments involved in the functioning of the College and furthering its progress. The governing body supports the college administration with decisions, approvals, and developmental matters. The Management system development, implementation, and continuous improvement are ensured by the leadership and they reflect the efforts of the institution in achieving its vision. Overall, the institution monitors and evaluates its policies and plans and implements the same for improvement continuously.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/governing-body/">https://www.gprec.ac.in/about-us/governing-body/</a>

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

The College promotes a culture of participative management, by encouraging decentralization, wherever feasible. Heads of the Departments would look after the administration and monitor the day-to-day functioning and progress of the respective Departments. The process of administration is thus decentralized. One practice of decentralization is that the HOD would obtain feedback on faculty, periodically, from the students of that class and take appropriate academic action based on the contents of the feedback obtained. The Heads of the Departments have a role to play in the formulation of budget proposals for the respective Departments and are also involved in the process of allocation of budgetary funds along with the management. The Levels of participative management include: HODs are involved in the administration of departments focusing on developmental activities, Faculty members are made members of different administrative/academic committees and Boards, and the Head of the institution seeks the participation of HODs in preparation of institutional draft proposals. The college grooms the leadership at various levels focusing on academic administrative responsibilities

coupled with accountability. The hallmarks of the organizational setup are decentralization, transparency, and participative management. Decision-making and financial powers are vested with the concerned authorities, at different levels. This would result in an expedited administrative process and simplification of the management of issues involved.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/management/">https://www.gprec.ac.in/about-us/management/</a>

## 6.2 - Strategy Development and Deployment

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

The college has a perspective plan for development. The perspective plan is an important component of the institution's strategy development and deployment process. The leadership provides a clear vision and mission to the institution. Curriculum Development: Revision of the curriculum and its developments are done systematically to improve the quality of the content of the curriculum and to keep it abreast of industry/organization requirements. Quality improvement is ensured by widening the scope of the process of formulation of syllabus and its review, by including various stakeholders like Academicians Industry/field experts, alumni, and parents. Teaching and Learning: Continuous efforts are being made to ensure the effectiveness of the teaching and learning process by adopting various measures like Improving the skills and standards of faculty utilizing FDPs. Extensive use of ICT tools in classroom teaching. Focusing on Interactive sessions. Examination and Evaluation: Creation of awareness among invigilators. Forming squads consisting of exclusive female faculty staff members for checking purposes for girl students in the Examination halls. Research and Development: Faculty publications are encouraged through incentives.



Participation of Faculty in outstation events is sponsored and funded generously to yield better development of faculty skills.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/about-us/academic-council/">https://www.gprec.ac.in/about-us/academic-council/</a>
Upload any additional information	No File Uploaded

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

The internal organizational structure of the College for decision-making processes and their effectiveness

**Governing Council:** Highest decision-making body of the institution, Statutory body, Constituted as per guidelines of the regulating bodies.

**Academic Council:** Ratifies the decisions of the Board of Studies, Makes regulations for sports and extra-curricular activities. Recommends to the Governing Body proposals for the institution of new programs of study.

**Principal:** The Administrative Head of the Institution, Wields power about administrative and academic matters.

**Dean of Students Affairs:** Responsible for creating and maintaining a supportive environment for the holistic development of the student.

**Controller of Examinations:** Looks after examination-related tasks assisted by Additional Controllers of examinations.

**Training and Placement Officer:** Looks after tasks related to Training and Placement activities.

**Head of Departments:** Initiate appropriate measures for strengthening teaching-learning processes. Adequate freedom to take academic/administrative decisions.

Statutory and non-statutory committees look after the academic and administrative procedures. These committees conduct meetings and the minutes are recorded. The following are some of the committees:

**Statutory and Non-Statutory Committees:** Governing Body, Academic Council, Boards of Studies, Finance Committee, Grievance Redressal Committee, Planning and Evaluation Committee, Library Committee, Examination Committee, Admissions Committee, Studies, Welfare, and Extra-Curricular Activities Committee, AntiRagging Committee,

Women's Cell, Purchase Committee, Training & Placement Committee, Sports and Games Committee, Research & Development Committee, Consultancy Cell, Centre for Incubation and entrepreneurship. These committees are functioning to facilitate the successful implementation of autonomy.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.gprec.ac.in/about-us/service-rules/">https://www.gprec.ac.in/about-us/service-rules/</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/academic-council/">https://www.gprec.ac.in/about-us/academic-council/</a>

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

**B. Any three 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	<b>No File Uploaded</b>

### **6.3 - Faculty Empowerment Strategies**

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

The staff welfare schemes available for Teaching and Non Teaching Staff are: Contributory EPF Pension Scheme, Gratuity, Medical leave on half-pay, Academic leave, Maternity leave for women staff, Festival / Educational advance for non-teaching staff, and Partial reimbursement of health insurance premium. To enumerate professional development of teaching and non-teaching, the following

efforts are made as Encouraging faculty to acquire higher qualifications to improve academic competencies and capabilities, Sponsoring faculty to participate in pedagogical training programs, Exploring faculty to specialized research facilities in institutes of higher learning and R&D organizations, Modernization of laboratories with research facilities, Extending financial assistance, to go abroad for presenting papers at international conferences. The non-teaching staff is encouraged to Upgrade their skills/capabilities and attend/participate in training programs and workshops with financial assistance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/about-us/service-rules/">https://www.gprec.ac.in/about-us/service-rules/</a>

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

34

File Description	Documents
Upload any additional information	No File Uploaded
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**

17

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.)

185

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

#### 6.4 - Financial Management and Resource Mobilization

##### 6.4.1 - Institution conducts internal and external financial audits regularly

The college has a mechanism for internal and external audits. Internal Audit: Usually conducted by college authorities and accounting department staff and Office staff by preparing and reviewing income-expenditure statements annually. External Audit: External auditing agencies consisting of Chartered accountants and other competent people are conducted annually Reports are submitted to the governing body of the institution along with the annual budget proposals, for review and approval.

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

##### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and

**philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

0

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	No File Uploaded
Any additional information	No File Uploaded

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

The institute has adequate budgetary provisions for academic and administrative activities. Optimal utilization of the budget is strictly adhered to by the institution. There are established procedures and processes for planning the allocation of financial resources. The various mechanisms to monitor the use of financial resources are Budgetary reviews on an annual basis, Allotments to different departments, decentralized financial powers and limits, and Resource mobilization through sponsored schemes/projects. A major portion of the resource mobilization is through the tuition fee collected from the students. The institution also supplements its resources in many ways, like expanding consultancy services for Revenue generation, Grants from sponsored Research and Development projects from funding agencies and offering value-added programs resulting in resource mobilization.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gprec.ac.in/about-us/management/">https://www.gprec.ac.in/about-us/management/</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)

IQAC is involved in improving standards in different colleges regularly. Based on the recommendations of the academic audit, appropriate measures will be taken by the college. Some include consistency among lesson plans, teaching diaries, and syllabus coverage reports to improve the teaching-learning process, Consistency of the evaluation process with the lesson plans is also verified, Attainment levels of course outcomes, and Preparation of common question papers for the same subjects for different sections. IQAC has contributed to institutionalizing assurance strategies and processes. The periodic audits have proved to be very effective in assimilating quality. The audit provides an effective feedback mechanism for improvement. IQAC plays a major role in achieving quality by conducting regular reviews which are undertaken for quality checks. Quality is ensured by the review and monitoring of the various processes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gprec.ac.in/mandatory-disclosures/#iqac">https://www.gprec.ac.in/mandatory-disclosures/#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

To continuously review the teaching-learning process, a central body viz the Academic Council has been established. This is a statutory body fulfilling the requirement of autonomy. It regularly monitors and reviews teaching and learning processes. It has all the Heads of the Departments and senior faculty as members and the principal as its chairman. The council meets frequently and takes decisions regarding all academic matters. It also approves and ratifies the decisions of the various Boards of Studies. Besides the Academic Council, several committees are also engaged in reviewing the teaching-learning process continuously. The IQAC has external members on its committees. There are policies in place for the periodic review of the administrative and academic departments and subject areas. Service rules and policies are published and communicated to

all the employees. Following academic regulations prescribed by the BoS and approved by the Academic Council. Sanction of institutional-level in-house projects to encourage research activities. Opinions of experts/academicians form the basis for changes in the subject content.

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

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

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.gprec.ac.in/mandatory-disclosures/#iqac">https://www.gprec.ac.in/mandatory-disclosures/#iqac</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	No File Uploaded

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

**G Pulla Reddy Engineering College strongly encourages gender parity and is constantly working towards providing a**

conducive environment for efficient and effective communication between employees and students. Men and women need to be sensitized towards gender issues, the boundaries that exist between colleagues, and how such boundaries are crossed. The students and faculty of the University also need to be constantly informed about the Sexual Harassment of Women at Workplace Act, 2013 the manner in which the Women's Cell is constituted, and how it works towards providing protection against sexual harassment of women at the workplace and for the redressal of complaints of sexual harassment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://womencell.gprec.ac.in/">http://womencell.gprec.ac.in/</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**

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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)

**Waste Management steps:**

This initiative was taken in view of the National mission on "Clean and Green Environment" followed by Swatch Bharat Abhiyan, Plastic ban, Dry and Wet waste garbage separation, Rain water harvesting, usage of controlled water, Recycling of used water, Paper shredding to make art paper, E-waste and so on so forth. As an Institute we take steps in whatever small way we can to support the global cause by initiating a few, but concrete steps to meet the goals.



Waste management is a major issue facing in modern society. To resolve the problem of waste management, a growing emphasis has been placed on the three R's: Reduce - Reuse - Recycle.

**Solid waste management:**

Solid waste management is a system for handling all the garbage and includes waste collection, recycling programs, dumps, and incinerators. It is also focused on developing environmentally sound methods of handling garbage. The main aim of solid waste management is reducing and eliminating adverse impacts of waste materials on human health and environment and thereby to support economic development and superior quality of life.

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

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

**7.1.5 - Green campus initiatives include**

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

**B. Any 3 of the above**

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

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

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

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

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

**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	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment:**

**B. Any 3 of the above**

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

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

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

The college organizes and conducts various activities for youth to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop oneness and social harmony in the institution commemorative days (like Independence Day, Engineers Day, etc) are celebrated on the campus to enrich the emotional and national feelings among the students with the support of the management. The college teaching and nonteaching staff jointly celebrate the cultural and regional festivals, like New-years Day, Fresher Party, teacher's Day, orientation and farewell program, Induction program, rally, oath, plantation, Youth Day, Women's Day, Yoga Day, festivals like Diwali Mela celebration, Holi Milan celebration, New Year celebration, etc. Religious festivals like Vijaya Dashami, were also celebrated. Especially for Vinayaka Chavithi to promote clay idols to avoid plaster of paris usage. Motivational lectures from eminent persons of various fields are arranged for

students to improve personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, the institution has built up many strong infrastructures for sports activities for the physical development of the students.

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

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

A Student Induction Program was conducted every year. The purpose of the induction program is to help new students to adjust and feel comfortable in the environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of a larger purpose and self-exploration. At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture, and values, and their mentor groups are formed. Then the different activities start, including those which are daily. One such activity is Universal Human Values. It gets the student to explore oneself and experience the joy of learning, prepares one to stand up to peer pressure and take decisions with courage, be aware of relationships and be sensitive to others, understand the role of money in life, and experience the feeling of prosperity. The need for character building has been underlined by many thinkers, universal human values provide the base.

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,**

**B. Any 3 of the above**

**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**

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

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

Institute Organizes Special Events such as celebrating the National Teachers Day, Independence Day, Republic Day, Engineers Day, Science Day National Youth Day, and various NSS and social service activities are also being conducted by the institution apart from the annual Techno-Cultural Fest that involves a variety of innovative competitions, guest lectures, and games. The above activities enhance their communication skills, management skills, leadership skills, teamwork, time management, and resource management skills, and build confidence in each student. Environment Day, Earth Day, and Water Day is celebrated every year, in which students actively participate. Workshops and seminars on various aspects of environmental sustainability are organized periodically. Women's Cell Women students, preferably from higher classes are nominated to the Women's Cell Committee. They actively take part and assist the faculty in conducting various women-oriented programs including the celebration of

**International Women's Day.**

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<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

- 1. Title of the Practice: Ten-minute talk/presentation by students in each class.**
- 2. Objectives of the Practice: To improve the communication skills of the students. To raise their self-confidence. To train the students in the preparation of presentations/speeches To positively impact the placement opportunities of the students by enabling them to face the interviews with confidence.**
- 3. The Context: Engineering students are required to be groomed to become able professionals having requisite skills in engineering, in the field of their study. Besides the professional knowledge and skills, the requirement of employable students by the industry/organizations includes communication skills. The talk/presentation by students is designed to address the core issue of improvement in communication skills. The challenges a student is likely to face, during the study, are many and varied. The most important challenge that a student has to address is communication. The practice assumes significance in this context. Its implementation would pave the way, for addressing the basic needs, the employer would expect from the students, in the process of recruitment, that is communication skills.**

File Description	Documents
Best practices in the Institutional website	<a href="https://www.gprec.ac.in/igac/Best%20Practices.pdf">https://www.gprec.ac.in/igac/Best%20Practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

The institution, as outlined in its Vision and Mission statements, is making every effort to impart quality education and bring up young Engineers in a well-defined academic atmosphere. The priority of the institution has always remained the improvement of the quality and standards of its human resources, namely faculty and staff. Various Faculty Development Programs and staff training programs are arranged to ensure quality and upgrade knowledge and skills. The thrust areas identified by the institutions are the personality development of students and, Establishment of state-of-the-art technology equipment/tools.

File Description	Documents
Appropriate link in the institutional website	<a href="https://www.gprec.ac.in/igac/GPREC-Institutional-Distinctiveness.pdf">https://www.gprec.ac.in/igac/GPREC-Institutional-Distinctiveness.pdf</a>
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To increase the number of faculty publications in peer-reviewed journals in their respective fields and also in inter disciplinary areas.
2. To obtain more funding projects/schemes from the external funding agencies
3. To organize FDPs/Skill enhancement events in cutting-edge technologies, recent trends & developments across various domains.
4. To facilitate or invite Adjunct Faculty and industry

experts to fulfill the curriculum requirements both for the students and faculty.

5. To revise the existing MoUs, enhancing the number of MoUs in both industry/academia to improve industry institute interaction

6. To create awareness among the faculty on patent & IPR filing and to focus on establishing and enhancement of consultancy services

7. To encourage the students of every department to develop innovative prototype models and industry related projects.

8. To arrange seminars/webinars/workshops related to entrepreneurship, startups, success stories etc., in collaboration with DIC and other organizations.

9. To increase E-content developed by the faculty.

10. To organize the International Conference in emerging technologies.