

**STRATEGIC PLAN  
2020-2021**

**1. Institutional Holistic Development:**

- To become one among the top engineering colleges of the country.
- To attract better input of students in state-level entrance test (EAPCET).
- To attain NBA accreditation for all departments.
- To get UGC CPE status.
- Academic planning and preparation of academic calendar
- Preparation of teaching plan as per OBE
- Preparation of Lesson Plan based on CO & PO mapping
- Promote research culture & facilities.

**2. Infrastructure Development:**

- To establish a center of excellence in each department on par with the industry standards.
- To upgrade the existing laboratory facilities as per the latest technology.
- To equip all the classrooms and laboratories to enable ICT based learning
- To provide sufficient internet bandwidth.
- To provide infrastructure for self-learning facilities through MOOCS.
- To establish a gymnasium for hostel students.

**3. Strengthening Faculty:**

- To ensure academic and research ambiance on the campus along with 50% of the faculty possessing Ph.D. qualification.
- To get the faculty updated with the current technological changes of the industry wherein faculty are to be encouraged to attend at least one Faculty Development Program per semester by each faculty.
- To motivate the faculty towards self-learning and continual education wherein faculty are to be advised to undergo at least one certification program per semester.

*Principal*  
**PRINCIPAL**  
G.Pullaiah College of Engg & Tech.  
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(Autonomous)

- To encourage faculty to publish their research work in peer-reviewed journals and conferences by giving necessary incentive for quality publications.
- To encourage faculty to attend academic activities like presenting papers in conferences, attending
- FDPs, training programs, attending Ph.D. course work, etc. by providing necessary assistance.

#### 4. Research & Development:

- State of the art IoT Lab has been set up in association with Wipro 3D Bangalore for the benefit of students.
- Establish and develop Laboratories with more research facility
- To create an engineering consultancy centre, catering to the technical consultancy need for the institutes
- To initiate collaborative research with other organizations of repute.
- Increased resources & plagiarism awareness.
- To encourage the stakeholders to apply for patents.
- To develop in-house R&D by facilitating required infrastructure and financial support.
- Enhance MOU with premier Indian Technological Institutes and foreign Universities and Research Organizations.
- Support for research, consultancy, and innovations.

#### 5. Student's development and participation:

- To encourage students to go for Internships.
- To get 100% of the eligible students placed.
- Strengthening Placement Cell.
- To Strengthen Entrepreneurship Development Cell
- To offer GATE Coaching on campus
- To offer Certification Programs by the industry
- Student's representation in various committees

  
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- Participating and organizing in various competitions.
- Participation in extracurricular activities
- Participating in social and welfare activities

**6. Academic Excellence:**

- To Improve the teaching- learning environment
- To implement outcome-based education.
- To implement choice-based credit system along with necessary open electives.
- To encourage the students to undergo online certification courses like NPTEL. Coursera.
- Promote and support institution readiness to adopt present and future technological development.

**7. Examination Reforms:**

- To train the faculty to set the question papers as per the Blooms level.

**8. Women/Student/Faculty Grievance:**

- To make students & staff members aware about of their fundamental rights.
- To help them in knowing the importance of good health and nutrition and facilities available for them.
- To help them in decision making abilities and self -dependent.
- To help them in raising voice against all kinds of discrimination in proper manner.
- To help them in changing their mind setup.
- To assist them in overall development of their personality
- To make students to participate actively in different committees

  
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## Implementation of Strategic Plan 2020-2021

S.No	Key Targets Set	Implementation Status
1	<p><b>Institutional Holistic Development:</b></p> <ul style="list-style-type: none"> <li>To become one among the top women engineering colleges of the country.</li> <li>To attract better input of students in state level entrance test (EAPCET).</li> <li>To attain NBA accreditation for all departments.</li> <li>To get UGCCPE status.</li> <li>Academic planning and preparation of Academic Calendar</li> <li>Preparation of teaching plan as per OBE</li> <li>Preparation of Lesson Plan based on CO&amp; PO mapping</li> <li>Promote research culture &amp; Facilities.</li> </ul>	<p><b>Implementation Status</b></p> <p><b>Rankings:</b></p> <ul style="list-style-type: none"> <li>G.Pullaiah College of Engineering and Technology (GPCET) bagged 87th Rank among Top- T Schools (Govt &amp; Private) and Ranked 73th among Top-T Schools (private) in National wide survey 2021 conducted by Dataquest.</li> <li>GPCET has Ranked 25<sup>th</sup> in Nationwide Top Engineering Colleges category and Ranked 8<sup>th</sup> among State wide Top Engineering Colleges AP in Competition Success Review all India rankings-2021.</li> <li>GPCET has been given with AAA+ rating by Career 360 survey-2021.</li> <li>GPCET got the following ranks in THE WEEK all India rankings-2021.121-Nation wide Top Private Engineering Colleges 74<sup>th</sup> Rank in Top Private Engineering Colleges in South Zone and 81<sup>st</sup> Rank in Top Private/Government Engineering Colleges in South Zone.</li> <li>GPCET got the following ranks in India Today all India rankings-2021. 4<sup>th</sup> Rank in Nationwide Top 10 Private Engineering Colleges with best value for money</li> <li>Efforts are being put up into NIRF ranking band.</li> <li>Permanently affiliated to JNTUA, Ananthapuramu in the year 2019.</li> </ul> <p><b>Accreditation:</b></p> <ul style="list-style-type: none"> <li>CSE, EEE and ECE Departments have been re-accredited by NBA in 2020.</li> </ul> <p>Considerable steps are being taken up to improve rankings given by the different consultancy agencies.</p>

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2	<p><b>Infrastructure Development:</b></p> <ul style="list-style-type: none"> <li>To establish a center of excellence in each department on par with the industry standards.</li> <li>To upgrade the existing laboratory facilities as per the latest technology.</li> <li>To equip all the classrooms and laboratories to enable ICT based learning</li> <li>To Provide sufficient internet bandwidth</li> <li>To provide infrastructure for self- learning facilities through MOOCS.</li> <li>To establish a gymnasium for hostel students.</li> </ul>	<p><b>Infrastructure Status</b></p> <ul style="list-style-type: none"> <li>The state of art Auditorium that can accommodate 500 audiences has been renovated.</li> <li>The Existing laboratories have been updated as per the modified curriculum.</li> <li>A separate EDC cell has been established.</li> <li>Sufficient arrangements for ICT based learning has been established across all departments.</li> <li>Sufficient internet bandwidth has been provided across all laboratories and also through Wi-Fi.</li> <li>Gymnasium for hostel students has been provided.</li> <li>NPTEL videos have been put up in the library for initiating E-Learning among the students.</li> <li>A separate dedicated placement cell has been established for the benefit of students.</li> <li>State of the art IoT Lab has been set up in association with Wipro 3D Bangalore for the benefit of students.</li> </ul>
3	<p><b>Strengthening Faculty:</b></p> <p>To ensure academic and research ambiance on the campus along with 50% of the faculty possessing Ph.D. qualifications.</p> <ul style="list-style-type: none"> <li>To get the faculty updated with the current technological changes of the industry wherein faculty are to be encouraged to attend at least one Faculty Development Program per semester by each faculty.</li> </ul>	<p><b>Implementation Status:</b></p> <p>In pursuance of strengthening the faculty, GPCET has been continuously motivating the faculty to take up research and also enhance their qualification.</p> <ul style="list-style-type: none"> <li>The faculty of GPCET has obtained considerable NPTEL certifications towards continual education.</li> </ul>

  
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	<ul style="list-style-type: none"> <li>To motivate the faculty towards self-learning and continual education wherein faculty are to be advised to undergo at least one certification program per semester.</li> <li>To encourage faculty to publish their research work in peer-reviewed journals and conferences by giving necessary incentive for quality Publications.</li> <li>To encourage faculty to attend academic activities like presenting papers in conferences, attending FDPs, training programs by providing necessary assistance.</li> </ul>	<ul style="list-style-type: none"> <li>Good amount of incentives are also provided to the faculty in association with their academic achievements.</li> <li>Assistance is also provided to the faculty both financially and academically to pursue their research activities along with the improvement of their academic qualification.</li> </ul>
5	<p><b>Student's development and participation:</b></p> <ul style="list-style-type: none"> <li>To encourage students to go for Internships.</li> <li>To get 100% of the eligible students placed.</li> <li>Strengthening Placement Cell.</li> <li>To Strengthen Entrepreneurship Development Cell.</li> <li>To offer Certification <ul style="list-style-type: none"> <li>Programs by the industry.</li> </ul> </li> <li>Student's representation in various committees.</li> <li>Participating and organizing various competitions.</li> <li>Participation in extracurricular activities</li> <li>Participating in social and welfare activities.</li> </ul>	<p><b>Students Development:</b></p> <ul style="list-style-type: none"> <li>Student's development cell has been established and functions to identify and implement various skill development programs for the students.</li> <li>Every year 80% of the students sent to internship in reputed companies which have resulted in getting them placed in tops notch companies.</li> <li>To establish technical clubs like IoT, Lab VIEW, MATLAB, Python, JAVA, and C-Club, etc. with student's members and faculty mentors in each club.</li> <li>Students are encouraged to take various certificate programs offered by the industry such as Microsoft certification, MATLAB and CISCO etc.</li> <li>Students are also encouraged to complete various online courses offered by NPTEL and Coursera.</li> <li>This has resulted in securing about 200 plus certifications in one year.</li> </ul>

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# GPCET

Pioneering Innovative Education

6	<p><b>Academic Excellence:</b></p> <ul style="list-style-type: none"> <li>To Improve the teaching/learning environment</li> <li>To implement outcome based education.</li> <li>To implement choice-based credit system along with necessary open electives.</li> <li>To encourage the students to undergo online certification courses like NPTEL and Coursera.</li> <li>Promote and support institution readiness to adopt present and future technological development.</li> </ul>	<p><b>Implementation Status:</b></p> <ul style="list-style-type: none"> <li>The college conducts various add-on courses for the benefit of students apart from the curriculum.</li> <li>Choice Based Credit system and open electives prescribed by the university are also followed scrupulously.</li> <li>Course assessments are done semester wise as per the set attainment levels and necessary measures are taken up in case of non-attainment.</li> <li>The OBE system has been set up in place across various academic and administrative sections</li> <li>Students are also encouraged to complete various online courses offered by NPTEL, Coursera. This has resulted in securing about 200 plus certifications over the year.</li> </ul>
7	<p><b>Examination Reforms:</b></p> <ul style="list-style-type: none"> <li>To train the faculty to set the question papers as per the Bloom's level.</li> </ul>	<p><b>Implementation Status:</b></p> <ul style="list-style-type: none"> <li>G.Pullaiah College of Engineering and Technology strictly follows the guideline and rules in the various modules of examination.</li> <li>Faculty are regularly emphasized and trained to follow Bloom's level of taxonomy while setting the question papers.</li> </ul>
8	<p><b>Women/Student/Faculty Grievance:</b></p> <ul style="list-style-type: none"> <li>To make students &amp; staff members aware of their fundamental rights.</li> <li>To help them in knowing the importance of good health and nutrition and facilities available for them.</li> <li>To help them in developing decision-making abilities and be self-dependent.</li> <li>To help them in raising voices against all kinds of discrimination in a proper manner.</li> <li>To help them in changing their mind setup.</li> <li>To assist them in the overall development of their personality</li> <li>To make students participate actively in different committees.</li> </ul>	<p><b>Implementation Status:</b></p> <ul style="list-style-type: none"> <li>Regular Awareness programs are being conducted for the students and staff on the basic health care, management skills, women empowerment, personality development etc.</li> <li>An exclusive women grievance cell has been established in addressing various concerns of students.</li> <li>A batch of 20 students is assigned to faculty member who act as a mentor and regularly counsels the students on their academic and non-academic activities.</li> </ul>
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