Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**G. Pullaiah College of Engineering and Technology**
Name of the head of the Institution	**Dr.C.Srinivasa Rao**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08518285011**
Mobile no.	**9246922869**
Registered Email	**principal@gpcet.ac.in**
Alternate Email	**iqac@gpcet.ac.in**
Address	**Venkayapalli(V),Nandikotkur Road, Kurnool**
City/Town	**Kurnool**
State/UT	**Andhra Pradesh**
Pincode	**518452**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.N.Ramamurthy**
Phone no/Alternate Phone no.	**08518285033**
Mobile no.	**9948404152**
Registered Email	**eceramamurthy@gpcet.ac.in**
Alternate Email	**iqac@gpcet.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.gpcet.ac.in/wp-content/uploads/2020/10/AQAR-GPCET-2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.gpcet.ac.in/academic-calendars/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.03**	**2017**	**22-Feb-2017**	**31-Dec-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**27-Jan-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Machine Learning	**16-Sep-2020**	**58**

Applications in Electrical Engineering	03	
IOT Interfaced Smart Grid	19-Aug-2020 03	86
Electric Transportation Infrastructure	15-Jul-2020 03	64
Building Information Modelling	11-Mar-2021 01	75
Internet of Things Workshop for one week by APSSDC	09-Dec-2019 06	152
Advanced Communications, VLSI and Signal Processing-a one week Faculty Development Programme for Faculty	16-Dec-2019 05	45
Graphic Design workshop for faculty	18-Jun-2020 01	80
Webinar on Deep Learning	15-Jun-2020 01	70
Machine Learning Workshop for faculty	19-Mar-2020 06	40
TINKER CAD Workshop for students	21-Apr-2020 06	60
	[View File]()	

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
G.Pullaiah College of Engineering and Technology/Department of ECE/ Dr.K.C.T.Swamy	Announcement for Opportunities	SAC, ISRO	2017 1095	963000
G.Pullaiah College of Engineering and Technology/Department of ECE/ Dr.K.C.T.Swamy	EEQ	SER	2018 1095	4751000
G.Pullaiah College of Engineering and Technology/Department of ECE/ Dr.T.Tirupal	MODROBS	AICTE	2019 1095	680784
G.Pullaiah	MODROBS	AICTE	2019	108674

College of Engineering and Technology/Department of EEE/ Dr.M.R.P. Reddy			1095	
G.Pullaiah College of Engineering and Technology/Department of CSE/ Dr.S.Prem Kumar	MODROBS	AICTE	2019 1095	772000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1.The internal audit of departments had been conducted and remedial measures were suggested. 2.Student Counselling and mentoring were taken up effectively. 3. The importance of NAAC,NBA and NIRF has been brought forward along with participation in various rankings released by various ranking agencies. 4. Industry oriented courses relating to python, Lab VIEW, cadence, MATLAB have been introduced in the curriculum so as to equip the students with latest technological trends. 5.The importance of the research has also been explained to students and faculty wherein joint research between students and faculty need to be carried out.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Academic Audit of Departments	Improved quality of teaching learning process involving ICT based learning

Key Performance Indicators	Monthly reviewed the Department performance on Student, Faculty, Research and Institution
MOU with various organizations of repute	Good amount of training have been carried out, which have reflected in good placements and research
NBA Accreditation under Tier II	Implemented suggestions given by NBA committee in their last visit and compliance reports of EEE, CSE and EEE have been submitted for the extension of NBA accreditation
AQAR Submission	Submitted AQAR for the Academic Year 201819
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	**05-May-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**09-Mar-2020**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The institution has proper management information system wherein all stake holders can access their necessary information online. The following are some of the modules under operation. 1. Online Student Attendance 2. Online Faculty/Staff Leave Application 3. Online SelfAppraisal System 4. Online Fee Collection 5. Online Examination Registration 6. Online Feedback on Teaching Learning Process and Facilities 7. Online Exit Survey 8. Online Alumni Registration 9. Faculty Biometric 10. SMS based Communication to parents 11. Online feedback on facilities The management Information**

System being utilized in the Institute provides a complete information about the operational structure to all the stakeholders. The parents can also have a detailed idea about the academic performance of their children by logging into the system with respect to academic results, attendance etc. It also provides an efficient working environment for all the staff of the college so as to perform their academic duties from anywhere. All the academic records are uploaded into the Information system so that the students can access even from their homes. The System indeed also gives a good opportunity to the students to also pay their college fees from anywhere. there is no need for them to come to the college in order to pay the fee rather they can pay it even from their mobiles and laptops. It also gives an opportunity to take feedback on the teaching and also the facilities of the college from the students in a random manner so that the students will also have the freedom to express their views freely. It will also be possible to regularly communicate to the parents regarding the presence of their ward in the college. Overall the entire administrative aspects of the institute have been brought online for the benefit of all the stakeholders

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Institute has a well-planned mechanism for curriculum delivery and documentation. Generally Effective implementation of the curriculum is the core objective of the teaching learning process. Hence immense importance is given and attention is paid towards the development and deployment of action plans towards its effective implementation. The following are the various means with which the effective implementation of the Curriculum is done at GPCET. 1. Allotment of Subject based on the research area of the faculty 2. Uploading of lesson plan of the course into the Learning Management System to be accesses by all students 3. Regular Faculty meetings and also assessing their inputs 4. Uploading of Course material into the Learning Management System to be accesses by all students 5. Employing Innovative Methods of Content Delivery 6. Continuous Assessment through internal examinations and conduct of remedial classes for slow learners 7. Regular Student interaction through mentoring and offering suggestions to the necessary students 8. Established Plan of Action by the Heads of Departments relating to their respective departments Regular

Training Activities are conducted for the students which help them in boosting their career. Participative Approach is adopted by the college in order to implement the action plan. The faculty of the department is instructed to choose the subjects that they are interested in based on their research specialization by the Head of the Department at the beginning of each semester. Once the subjects have been finalized, the faculty concerned prepares the plan of course coverage, tutorial questions, lecture notes and submit to the Head of the department for his/her approval. The compatibility of each course material is thoroughly verified at the beginning of each semester. Based on the number of working days in the semester every department plans its activities in order to support the curriculum. The Head of the department plans various training programs, student development activities in consultation with the faculty and class representatives. The Principal along with the Head of the Department meets the class representatives of every class once in a month to discuss about the curricular and co-curricular aspects, review of syllabus completion and also reviews the various steps to be taken up for effective implementation of curriculum delivery.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Fundamentals of IOT	Nil	08/07/2020	03	Employability	IOT Applications
Basics of machine learning	Nil	22/07/2019	06	Employability	Machine Learning
PCB design fundamentals	Nil	18/11/2019	03	Employability	PCB Design
Fundamentals of robotic automation	Nil	16/09/2019	06	Employability	Robotics
Hands on training of CMOS layout design	Nil	16/12/2019	03	Employability	CMOS Technology
Digital signal processing using python	Nil	11/05/2020	03	Employability	Python Applications
Design of combinational using Verilog	Nil	15/01/2020	06	Employability	Verilog
FullStack Development	Nil	12/12/2019	06	Employability	FullStack
Software Development Using 'R'	Nil	23/10/2019	03	Employability	R-Software
Middleware Technologies	Nil	16/09/2019	03	Employability	Middleware Appilcations

Cognitive Technologies	Nil	11/05/2020	06	Employability	Cognitive Technologies
Dotnet Technologies	Nil	15/01/2020	06	Employability	Dotnet Applications
Knowledge Management of Bigdata	Nil	23/12/2019	03	Employability	Big data Applications
Web Services	Nil	12/12/2019	03	Employability	Web Services
Automation using PLC	Nil	23/10/2019	03	Employability	Automation
PLC programming for engineers	Nil	09/12/2019	03	Employability	Programming
Angular JS	Nil	16/09/2019	03	Employability	Angular JS
Python	Nil	28/01/2020	03	Employability	Python
Data Science	Nil	21/10/2019	06	Employability	Data Science
Wireless Sensor Networks	Nil	16/12/2019	03	Employability	Wireless Communications
Mobile Application Development	Nil	28/01/2020	06	Employability	Mobile Applications
Cryptography	Nil	11/05/2020	03	Employability	Cryptography
Autocad	Nil	11/02/2020	03	Employability	Autocad
Total Station	Nil	15/01/2020	03	Employability	Total Station
ETABS	Nil	23/12/2019	03	Employability	ETABS
STAAD-pro	Nil	12/12/2019	03	Employability	STAAD-pro
Revit Architecture	Nil	23/10/2019	03	Employability	Revit Technology
Fusion-360	Nil	16/09/2019	06	Employability	Fusion-360
CATIA	Nil	07/10/2019	03	Employability	CATIA
Revit MEP	Nil	04/09/2019	03	Employability	Revit MEP
Entrepreneurship Development Skills	Nil	23/12/2020	06	Entrepreneurship	Entrepreneurship Development Skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	08/07/2019
BTech	Mechanical Engineering	08/07/2019
BTech	Electrical and Electronics Engineering	08/07/2019
BTech	Electronics and Communication Engineering	08/07/2019
BTech	Computer Science and Engineering	08/07/2019
Mtech	Computer Science and Engineering	08/07/2019
Mtech	Digital Electronics and Communication Systems	08/07/2019
Mtech	Electrical Power Systems	08/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1045	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Environmental Studies	08/07/2019	600
Verbal Ability and Logical Reasoning	08/07/2019	600
Quantitative aptitude	08/07/2019	600
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	40
BTech	Computer Science and Engineering	65
BTech	Electrical and Electronics Engineering	52
BTech	Electronics and	71

		Communication Engineering	
BTech	Mechanical Engineering	39	
Mtech	Digital Electronics and Communication Systems	1	
Mtech	Computer Science and Engineering	1	
Mtech	Electrical Power Systems	1	
MBA	Master of Business Administration	59	

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback is obtained regularly to analyze the working methodology which in turn will offer necessary guidelines to be followed in certain areas which are lagging behind. Generally the Feedback on all courses is collected through online from the students twice in a semester. The first feedback will be collected at the middle of the semester i.e., before first midterm examinations and the second will be collected at the end of the semester. The feedback questionnaire that is being followed consists of various parameters that cover all the aspects relating to academics, co-curricular/extra-curricular activities, infrastructure etc. The responses given by the students through online will be analyzed on a FIVE point scale which will in turn be converted into percentage scale of 100. The detailed analysis will be carried out in those aspects which have been rated less by the students and necessary measures will also be taken up to improve the feedback. The necessary measures to be taken up to improve the areas that are lagging will also be discussed with the necessary stakeholders so as to gather their inputs and methodology to implement them. The students are also being made an integral part of feedback analysis which will in turn help the institute get necessary suggestions and ideas to implement the shortfalls if any in an effective manner. The effective feedback implementation is quite visible through the increase in the number of student placements every year along with improvement in student satisfaction survey as well as improvement in academic performance of the students.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	Master of	120	141	105

	Business Administration			
Mtech	Computer Science and Egineeing	18	5	Nill
Mtech	Electrical Power Systems	18	9	3
Mtech	Digital Electronics and Communication systems	18	4	1
BTech	Mechanical Engineering	60	56	44
BTech	Civil Engineering	60	72	58
BTech	Electrical and Electronics Engineering	120	142	86
BTech	Electronics and Communication Engineeing	180	221	181
BTech	Computer Science and Egineeing	180	275	189
[View File](#)				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2164	213	116	6	9

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
131	131	800	24	6	35750
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

A well-established Student mentoring system is available in the Institution. It is well known that at the graduate level, mentors are needed to offer advice and guidance in academic matters. In addition, the mentor becomes a

valuable support person for the student mentees. The actual role of the faculty or staff mentor is one of nurturing and providing support for a student during the difficult transition period. The mentor must also serve as a resource who will answer many questions, trivial or complex, that the student might pose. The college offers various counseling services to the students in terms of academic, personal, career etc. Academic Counseling: The institute follows the concept of mentoring system in which a batch of 15-20 students are assigned to a faculty member who acts as their mentor and whose primary activity is to monitor the academic progress of the students under his/her care and to take corrective measures for any aberration in their progress in academic pursuits. This also helps to check the number of absentees to the college and to have better interaction with the academic problems faced by the students. Personal Counseling: The student advisors also called as mentors play the role of personal counselor with whom a student can confide their personal problems. The faculty advisor strives to arrive at an optimal/amicable solution through the counseling along with the HOD. The Principal also counsels the students and tries to mould them in a right path. Career Counseling: The Training Placement cell of the college plays a critical role in this regard. Besides the regular role as placement activities, the members of the cell frequently visit each and every class to motivate and counsel students in the career aspects. The career prospects, preparation for campus placement and career development activities are emphasized in this regard. The necessary training programs for developing English language communication skills, problem solving skills and IT skills are arranged by TP Cell. The college has constituted a dedicated team exclusively for developing Soft Skills of the students. Training is also imparted to those students who appear for GATE and other competitive examinations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2377	131	1:18

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
25	25	Nill	25	2

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	P.Bindu Swetha	Assistant Professor	Young Researcher Award
2019	Dr.G.Pandu Ranga Reddy	Associate Professor	Young Researcher Award
2019	C.Srinivasa Rao (College Level)	Principal	Asia's Education Award 2019 under the category of Asia's best Private Engineering Institute at Bangkok, Thailand
2019	C.Srinivasa Rao (College Level)	Principal	overall ranking of 84 among Best Private Engineering Colleges in the Country based on the survey released by Dataquest
2019	C.Srinivasa Rao	Principal	overall ranking

2019	C.Srinivasa Rao (College Level)	Principal	ranked 21 (Nation wide) and 5 (state wide) in Engineering Colleges Survey 2020 released by CSR-GHRDC
2019	C.Srinivasa Rao (College Level)	Principal	ranked 159th among Nation wide Engineering Colleges based on the Survey released ByThe Week
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(Top partial row:) ... (College Level) ... of 196 in Engineering Colleges Survey 2020 released by India Today

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	1A	First/ I Year	19/12/2019	07/03/2020
BTech	1A	Second/I Year	16/05/2020	09/12/2020
BTech	1A	First/II Year	08/11/2019	14/01/2020
BTech	1A	Second/II Year	01/09/2020	14/12/2020
BTech	1A	First/III Year	08/11/2020	14/01/2020
BTech	1A	Second/III Year	01/09/2020	14/12/2020
BTech	1A	First/IV Year	08/11/2019	10/01/2020
BTech	1A	Second/ IV Year	19/04/2020	12/08/2020
Mtech	1D	First/ I Year	25/01/2020	07/03/2020
Mtech	1D	Second/ II Year	07/08/2020	09/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Good amount of reforms have been initiated at the institutional level with respect to Continuous Internal Evaluation. 30 Marks have been provided for Internal Assessment and 70 marks are to be assessed through external examinations. In the case of practical's, 25 marks are internally assessed (continuous assessment) and the rest 50 marks are assessed through external exam. The Institute has been following the following reforms for better

evaluation. Finalization of Internal Marks: For theory subjects, during the semester, there shall be two midterm examinations. Each midterm examination consists of subjective paper for 30 marks with duration of 1hour 50 minutes which will be condensed to 20 marks. The remaining 10 marks will be awarded based on the submission of assignments by the students. A student has to submit two assignments in every subject each for 10 marks. For the post-graduate program, the institute conducts two mid-exams of 30 marks each as per the norms. Final Internal marks shall be arrived at by considering the marks secured by the student in both the mid examinations with 80 weightage to the better mid exam and 20 to the other Comprehensive Online Examination There shall be two comprehensive online examinations, one at the end of II year and the other at the end of III year, with 100 objective questions for 100 marks on the subjects studied in the respective semesters. Internship/Mini Project: An Internship/Mini Project is also introduced for the benefit of students. The students will be taking up the Internship during the break of end of VI Semester for a period of four weeks. The following are also the other evaluation reforms initiated by the institution. 1. Slip tests and assignments are regularly conducted to assess the learning capabilities of students. 2. Periodical Project reviews are also carried out regularly to monitor the progress of students in carrying out the projects.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar is a very useful document, which contains the most important dates to guide the teachers and students regarding the entire academic events to be carried out in that particular semester. The academic calendar contains entire information regarding the academic activities to be carried out along with the dates for conduct of internal and external assessments for the students. The college being permanently affiliated to JNTUA, follows the academic calendar set by the university. Apart from the academic calendar issued by the university, the individual departments have their own calendar of events for the conduct of various co-curricular and extra-curricular activities along with academic events. Generally, the departmental academic calendar is prepared by respective departments, which is in turn to be approved by Dean IQAC in consultation with Principal. The students are also appraised about the academic calendar at the beginning of each semester. The academic calendar is also uploaded on college website and displayed on notice boards and at strategic locations of the college. Apart from the above, the Schedule of All Examinations is also provided in academic calendar. The dates and events being provided in the academic calendar are strictly followed throughout the entire semester. The following are the various activities which are included in the academic calendar being followed in the institute level a) academic schedule: The academic calendar indicates the academic period, which includes working days, teaching days, admission period, examination and valuation period as per the university guidelines. The general spell of instructions in each semester are for a period of 16 weeks with another three weeks for evaluation of students in theory and practical exams. b) Academic activities: The various academic activities involving teaching and learning as per the lesson plan of the faculty is carried out during the stipulated period of calendar. c) Co-curriculum activities: The Various co-curricular activities involving quizzes, debates, seminars are also conducted with in the stipulated period of calendar in order to enrich the technical knowledge of the students. d) Extra-curricular activities: The departmental academic calendar also ensures that various extra-curricular activities such as NSS, sports are also being carried out with in the stipulated period in order to inculcate the importance of nationalism among the students.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.gpcet.ac.in/regulations-and-syllabus/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1A	BTech	Civil Engineering	62	51	82.25
1A	BTech	Computer Science and Engineering	106	105	99.05
1A	BTech	Electrical and Electronics Engineering	85	91	93.40
1A	BTech	Electronics and Communication Engineering	155	169	91.70
1A	BTech	Mechanical Engineering	59	63	93.65
1D	Mtech	Digital Electronics and Communication Systems	1	1	100
1D	Mtech	Electrical Power Systems	1	1	100
1E	MBA	Master of Business Administration	101	101	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.gpcet.ac.in/wp-content/uploads/2021/08/StudentForm.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	AICTE	6.8	5.44

Major Projects	730	AICTE	10	8.75
Major Projects	730	AICTE	7.72	6.17
Major Projects	1095	SERB	47.51	3

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Conference on Advances in Computing and Data Sciences (NCACDS)	Computer Science and Engineering	16/09/2019
A Workshop on "Getting started with AI/ML"	Computer Science and Engineering	21/10/2019
Workshop on Internet of Things	Computer Science and Engineering	16/12/2019
National Conference on Data Mining and Machine Learning (NCDMML)	Computer Science and Engineering	28/01/2020
Web Analytics,Text Analytics and Sentiment Analysis	Computer Science and Engineering	11/05/2020
National Conference of Computer Science and Technology (NCCST)	Computer Science and Engineering	11/02/2020
Cryogenic Treatment Techniques	Computer Science and Engineering	15/01/2020
Two- Day Workshop on Data Science	Management Studies	23/12/2019
Workshop on Research Methodology	Management Studies	12/12/2019
Entrepreneurship Awareness Camp	Electronics and Communication Engineering	23/10/2019
Internet of Things	Electronics and Communication Engineering	09/12/2019
LAB VIEW and Cadence Tool	Electronics and Communication Engineering	16/12/2019
Advanced Communications, VLSI and Signal Processing	Electronics and Communication Engineering	16/12/2019
Cutting Edge Technologies in Electronics and Communication Engineering	Electronics and Communication Engineering	14/05/2020
Brain Computer Interface	Electronics and Communication Engineering	12/05/2020

Building Information Modelling	Civil Engineering	11/03/2020
Building Drafting using AutoCAD	Civil Engineering	23/09/2019
Electric Transportation Infrastructure	Electrical and Electronics Engineering	15/07/2019
IOT Interfaced Smart Grid	Electrical and Electronics Engineering	19/08/2019
Machine Learning Applications in Electrical Engineering	Electrical and Electronics Engineering	16/09/2019
Integration of Electric Vehicles with Smart Electric Grids	Electrical and Electronics Engineering	07/10/2019
Application of IOT in Renewable Energy Technologies	Electrical and Electronics Engineering	04/09/2019
Software's in Electrical Engineering and Its Applications (SEEIA)	Electrical and Electronics Engineering	23/12/2019
Challenges In Charging Their Impact On Power Grid	Electrical and Electronics Engineering	06/01/2020
Assessment and Utilization of Renewable Energy Resources	Electrical and Electronics Engineering	10/02/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Poster Presentation	Kodumuru Nandhusha	District Level NSS Youth Festival	18/01/2020	Student
Young Researcher Award	Dr.G.Pandu Ranga Reddy	ESN Awards, Chennai	26/09/2019	Faculty
Young Researcher Award	P Bindu Swetha	ESN Awards, Chennai	26/09/2019	Faculty
Photography	Md Abdullah	District Level NSS Youth Festival	18/01/2020	Student
[View File](#)				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
GPCET MSME	GPCET MSME	Sri Krishna Educational Society	Scintallaire	Training and Software Solutions	21/08/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	38	58

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
00	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	6	1.56
International	Electrical and Electronics Engineering	36	1.86
International	Electronics and Communication Engineering	35	2.46
International	Mechanical Engineering	14	1.56
International	Master of Business Administration	12	0.58
National	Master of Business Administration	8	1.26
International	Master of Business Administration	4	0.85
International	Computer Science and Engineering	30	0.86
National	Computer Science and Engineering	11	1.25
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electrical and Electronics Engineering	25
Master of Business Administration(MBA)	16
Mechanical Engineering	14
Electronics and Communication Engineering	29
Computer Science and Engineering	36

Civil Engineering	12

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Analysis of multi-frequency multi-GNSS real-time signal observations acquired by septentrio PolaRx5 receiver station	Swamy, K.C.T	International Journal of Innovative Technology and Exploring Engineering	2019	5	G. Pullaiah College of Engineering and Tech nology, Kurnool, India	1
Detection of glaucoma using adaptive neuro fuzzy in DWT domain	Ramamurthy, N	International Journal of Recent Technology and Engineering	2019	2	G.Pullaiah College of Engineering and Tech nology, Kurnool, India	Nill
Characterization of mechanical behavior of new hybrid fiber reinforced composite sheets: An experiment al approach	Mallikarjuna, K.	International Journal of Recent Technology and Engineering	2019	1	G.Pullaiah College of Engineering and Tech nology, Kurnool, India	1
Energy Audit of G.Pullaiah College of Engineering And Technology	Dr.G.Pan duranga Reddy	JASC: Journal of Applied Science and Computations Volume VI, Issue IV, April/2019 ISSN NO: 1076 Page	2019	1	G.Pullaiah College of Engineering and Tech nology, Kurnool, India	Nill

		No:2030-2034					
Cost Reduction in clustering based unit commitment employing Hybrid Genetic-Simulated Annealing Technique	Dr.C.Srinivasa Rao	Journal of Electrical Engineering Technology January 2019 SpringerLink	2019	1		G.Pullaiah College of Engineering and Technology, Kurnool, India	1
Performance of PQ theory based Seven-level Cascaded Shunt Active Power Filter using PI, Fuzzy and ANFIS controllers for Harmonic Reduction	Dr.C.Srinivasa Rao	IEEE Digital Xplore	2019	2		G.Pullaiah College of Engineering and Technology, Kurnool, India	1
A New Method of Five Level Single-Stage Power Factor Correction of AC-DC Converter for Industry Applications.	Dr.M.Rama Prasad Reddy	International Journal of Engineering and Advanced Technology (IJEAT) ISSN 2249-8958,Volume 8, APRIL 2019, ISSN (Print) : 2249-8958ISSN (Online) : 2249-8958 (Scopus Indexed)	2019	1		G.Pullaiah College of Engineering and Technology, Kurnool, India	Nill
A Power Quality Improvement Method Adapted	Dr.M.Rama Prasad Reddy	International Journal of Research Volume	2019	1		G.Pullaiah College of Engineering and Tech	1

For Voltage Control Mode By Employing D-STATCOM		VIII, Issue IV, April/2019 ISSN NO:2236 Page No:1595-1599			nology, Kurnool, India	
Automation of Electrical Load Using DTMF Technique	Dr.B.V.Rami Reddy	International Journal of Research Volume VIII, Issue IV, April/2019 ISSN NO:2236 Page No:1555-1559	2019	1	G.Pullaiah College of Engineering and Technology, Kurnool, India	1
Car Control Using Lab View And IOT Module	Dr.B.V.Rami Reddy	International Journal of Research Volume VIII, Issue IV, April/2019 ISSN NO:2236 Page No:1745-1749	2019	1	G.Pullaiah College of Engineering and Technology, Kurnool, India	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Supervised Learning Algorithms of Machine Learning: Prediction of Brand Loyalty.	Dr. M Giridhar Kumar	International Journal of Engineering and Advanced Technology	2019	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
Machine Learning Centric Product Endorsement on Flipkart Database	Dr.S.Prem Kumar	International Journal of Engineering and Advanced Technology	2020	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India

Reduction of Current Harmonics by Cascaded Multilevel Inverter based Shunt Active Power Filters'	Dr C Srinivasa Rao	International Journal of Recent Technology and Engineering	2020	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
Performance Analysis of 8-Bit Vedic Multipliers Using HDL Programming	P.Bindu Swetha	Lecture Notes in Electrical Engineering	2019	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
Post COVID-19 Potentials and Innovation: The Future Supply Chain	P.Bindu Swetha	International Journal of Research in Pharmaceutical Sciences	2020	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
Detection of leaf diseases using image segmentation	Dr D Rajasekhar	International Journal Creative Research Thoughts	2020	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
A Miniature Rectangular Patch Antenna Using Defected Ground Structure for WLAN Applications	Dr N Ramamurthy	International Journal of Engineering and Advanced Technology	2019	1	Nill	G.Pullaiah College of Engineering and Technology, Kurnool, India
The Influence of Ultrasound for the Protection	Dr T Tirupal	Journal of Analog and Digital Communications	2020	1	Nill	G.Pullaiah College of Engineering and Technology,

Title	Author	Journal	Year			Location
of Animals on Highways						Kurnool, India
Medical Image Fusion using Undecimated Discrete Wavelet Transform for Analysis and Detection of Alzheimer's Disease	Dr T Tirupal	Elixir Computer Engineering	2019	1	1	G.Pullaiah College of Engineering and Technology, Kurnool, India
Dynamic Stability Enhancement Of Ieee 30 Bus System With Gapod And Gadcvr Controllers Based Upfc	Dr C Srinivasa Rao	European Journal of Molecular Clinical Medicine	2020	1	Nill	G.Pullaiah College of Engineering and Technology, Kurnool, India

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	124	6	12	Nill
Presented papers	85	9	12	Nill
Resource persons	2	2	Nill	Nill

[View File](#)

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Women Self Defense	NSS unit and ShakthiTeam	15	89
Tree Plantation	MSME NSS	52	10
Swachh Bharath	NSS	25	32
Sachha Vaarotsav	NSS	89	105

National Constitution Day	NSS-State Government	125	10
National Voters Day	NSS and Election Commission	10	255
World Cancer Day	NSS and Omega Hospitals	85	100

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation	Best Blood Donar	Omega Hospitals	128

View File

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Constitution Day	NSS,State Government	Importance of Constitution of India	89	10
National Voters Day	NSS, Election Commission	New Voters registration	10	95
Sachha Vaarotsav	NSS	Clean and green program in venkayapalle	89	105
Tree Plantation	MSME NSS	Plantation of trees in the campus	52	10
Swachh Bharath	NSS, Govt of Andhra Pradesh	Cleaning the College Campus	25	32
Women Self Defense	NSS unit and Shakthi Team	Self -defense tips to the women students	15	89
World Cancer Day	NSS Unit, Omega Hospitals, Kurnool	Rally on cancer awareness	85	100

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Students Exchange Program with Taiwan University	25 B.Tech students	G.Pullaiah College of Engineering and Technology	15

View File

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Student Internship	Asia University, Taiwan	16/07/2019	29/07/2019	25
Internship	Student Internship	Bharath Sanchar Nigam Limited, Kurnool	03/02/2020	22/02/2020	16
Internship	Student Internship	Vehanth Renewable Energies Private Limited Hyderabad	20/01/2020	15/02/2020	16
Internship	Student Internship	NS2 Private Limited, Bangalore	22/07/2019	09/03/2020	20
Internship	Student Internship	Devspark IT Solutions ,Hyderabad,T elangana	02/12/2019	28/12/2019	5
Internship	Student Internship	Metrolabs Technologies ,Hyderabad,T elangana	23/09/2019	19/10/2019	12
Internship	Student Internship	RMJ IT Sol utions,Hyder abad,Telanga na	12/08/2019	05/10/2019	08
Internship	Internship	MAD Blocks Technologies ,	21/10/2019	11/11/2019	16
Internship	Student Internship	Ambest Tec hnologies,Hy derabad,Tela ngana	16/09/2019	12/10/2019	20

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs

Sailotech	12/08/2019	To Promote Research Activities among Faculty and Students	68
Madblocks Technologies	19/09/2019	To Promote Research Activities among Faculty and Students	85
Vehanth Renewable pvt Ltd	31/07/2019	To Promote Research Activities among Faculty and Students	59
Asia University Taiwan	21/08/2019	To develop academic and educational cooperation and perform various collaborative activities such as joint research, technology development etc.	20
Andhra Pradesh State Still Development Corporation	22/07/2019	To carry out various skill development programs for the benefit of the students and faculty and establish skill development center.	375
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
85	81.81

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Digital Campus	Fully	2018	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33897	12766744	1915	624943	35812	13391687
Reference Books	2911	1174412	13	6637	2924	1181049
e-Books	344	530215	3183	13570	3527	543785
Journals	332	613920	Nill	Nill	332	613920
e-Journals	11410	1095685	12555	98002	23965	1193687
Digital Database	11754	1625904	15738	111572	27492	1737476
CD & Video	14841	50000	Nill	Nill	14841	50000
Library Automation	1	49604	Nill	Nill	1	49604
Others(specify)	1	30250	Nill	Nill	1	30250
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. T. Tirupal	Electronic Devices and Circuits	e-resources	01/07/2019
Md A Farida	Microwave Engineering	e-resources	05/07/2019
A.Parvathi	Data Communications and Networking	e-resources	15/07/2020
T.Swetha	Electronic Circuit Analysis	e-resources	15/07/2019

P.Bindu Swetha	Internet of Things	e-resources	15/07/2019
Dr. H S. Abzal Basha	Organization Development	e-resources	07/05/2020
Dr. C. Naga Ganesh	Strategic Management	e-resources	15/05/2020
Syed Afzal Basha	Structural Analysis	e-resources	15/07/2019
Dr.S.Venkateswarlu	Engineering Graphics	e-resources	02/07/2019
Dr.P.Mallikarjuna	Kynematics of Machines	e-resources	15/07/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	710	538	0	30	90	10	42	100	40
Added	55	30	0	20	0	5	0	100	0
Total	765	568	0	50	90	15	42	200	40

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

<div align="center">

100 MBPS/ GBPS

</div>

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
J-Gate Engineering and Technology	https://jgateplus.com

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
115	114.78	128	127.44

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

   The institute ensures effective allocation and utilization of the available financial resources for the maintenance and upkeep of different facilities like laboratory, Library, computers, class rooms and canteen by conducting regular meetings of various committees constituted for this purpose and using the grants received by the institution as per the requirements and interest of students. Laboratory: Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. Other measures

to maintain laboratories are as follows: (i) The calibration, repairing and maintenance of sophisticated lab equipment are done by the technicians of related owner enterprises. (ii) The laboratory equipment used for experiments are annually cleaned and maintained by the concerned departments and record of maintenance is maintained by lab technicians and supervised by HODs of the concerned departments. (iii) There is systematic disposal of waste of all types such as physical, chemical and e-waste. Library: The requirement and list of books is taken from the concerned departments and library committee is involved in the process. The finalized list of required books is duly approved and signed by the Principal. (i) Every year in the beginning of session, students are motivated to register themselves in library to use digital library services. (ii) The Library has special facility for physically challenged students in individual departments. (iii) Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. (iv) The proper account of visitors (students and staff) on daily basis is maintained. (v) Other issues such as weeding out of old titles, schedule of issue/ return of books etc are chalked out / resolved by the library committee. Sports: Regarding the maintenance of cricket ground, indoor Badminton stadium, Basketball court Volley Ball court, Table tennis court and Gym on the college, sports committee consult physical directors. College students are actively participating in district and university level cricket, football, volley ball, basketball, kabadi and badminton tournaments.

http://www.gpcet.ac.in/wp-content/uploads/2020/08/Procedures-and-Policies-for-Infrastructural-facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Merit Scholarship	20	100000
Financial Support from Other Sources			
a) National	Andhra Pradesh State Fee Reimbursement Scheme	1393	81144000
b)International	0	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Induction Programme for I B.Tech Students	09/09/2019	485	Faculty
Student Mentoring	05/08/2019	2532	Faculty
Bridge Courses	08/08/2019	856	Faculty
English Language Lab	14/11/2019	1568	English Club
Remedial Coaching	25/09/2019	215	Faculty

Yoga and Meditation	03/02/2020	152	Yoga Foundation, Kurnool
Soft Skills Training	10/08/2019	1425	Talentio, Hyderabad
Career guidance	20/08/2019	958	Talentio, Hyderabad
GATE Coaching	09/09/2019	125	Saimedha, Hyderabad
Women Empowerment	20/02/2020	925	EDP Cell
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Placement and Training	462	462	278	278
2019	TCS Code vita	117	117	27	27
2020	GATE Coaching	95	95	14	14
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
29	462	210	23	252	95
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	8	B.Tech	CIVIL	JNTUA	M.Tech
2020	14	B.Tech	EEE	JNTUA	M.Tech
2020	8	B.Tech	ME	JNTUA	M.Tech

| 2020 | 12 | B.Tech | ECE | JNTUA, JNTUK | M.Tech |
| 2020 | 6 | B.Tech | CSE | JNTUA | M.Tech |

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	14

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Basket Ball	Institution level	65
Chess	Institution level	126
Cricket	Institution level	150
Foot Ball	Institution level	72
Kabaddi	Institution level	48
Rangoli	Institution level	89
Shuttle Badminton	Institution level	56
Throw Ball	Institution level	85
Volley Ball	Institution level	36

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	First Prize in Patriotic Poem contest organized at District Level Youth Festival	National	Nill	1	17AT1A0525	M.Harish Babu
2019	First Prize in postern presentation held at District Youth Festival	National	Nill	1	18AT1A0473	G.Mounika Bai

| 2019 | First prize in Photo Exhibition held at District Level NSS Youth Festival | National | Nill | 1 | 17AT1A0482 | K.Nandusha |
| 2020 | First Prize in Photo Exhibition held at University Youth Festival | National | Nill | 1 | 17AT1A0482 | K.Nandusha |

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The students of G.Pullaiah College of Engineering and Technology are active members in committees like Board of Studies, Department Technical Associations, Technical clubs, Sports clubs, Cultural clubs and National Service Scheme to cater the overall growth and success rate of the institution. Students are members of various professional bodies like IEEE, ISTE, and CSI etc., where students organize and participate in technical activities. Further students are also involved in Anti ragging committee to create awareness about Ragging Act among fellow students. Student representatives actively participate in various activities. They help in coordinating all the events related to academics and other co-curricular and Extra-curricular activities, as per the direction of teaching faculty. They do lot of academic administrative work by taking the help of other students. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. The institution has a well functional student group which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. Youth festival was organized in the institution by the students in which various cultural activities were organized and the students were selected to represent the college at university level. The student's also took initiative and has been successfully running the science council of the institution. The students actively participated in programs like tree plantation, cleaning of college premises, cancer awareness program, blood donation camp etc. In the blood donation camp the staff and students donated blood for which they were given certificate. The students' group has also successfully conducted seminars and workshops for women safety, women helpline and eve teasing for safety of the college students. The student's group also organizes annual sports in which many team and individual events like cricket, basketball, kabadi, football etc. were conducted and the prizes distributed for winners.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

G.Pullaiah College of Engineering and Technology has Strong Alumni Network. The alumni support the institution and contribute to its institutional and academic development. The college conducts Alumni meet every year at college campus and

outside, to bring together all the alumni students to share their experiences with faculty. The alumni participate actively as the members of Board of Studies (BOS) and give valuable suggestions for framing innovative curriculum to include latest technologies, which meet industry requirements. Alumni association meets periodically to discuss the plan of activities during an academic year. The alumni regularly visit the campus during weekends and participate in knowledge sharing activities which would help current students to decide upon career either to opt for higher education or to seek placement in industry. Such talks by alumni to current students is gathering pace and helping the students to identify their career path. They also actively involve with training and placement cell in training students so that they become employable. They also assist students in getting internships in industry. Alumni help in arranging NSS extension activities such as blood donation camps, practical sessions on meditation and tree plantation. College regularly publishes the activities conducted during the academic year to all alumni in the form of periodical magazines and newsletters with valuable information useful to student's community. The institute has an automated alumni platform and automated mailing system for better alumni network. This alumni platform is also integrated with social media platform which allows the institution to manage all social media channels via a single point.

5.4.2 – No. of enrolled Alumni:

3567

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

02 18/7/2019- Alumni meeting held at G.Pullaiah College of Engineering and Technology, Kurnool. 07/01/2020- Alumni meeting held at G.Pullaiah College of Engineering and Technology, Kurnool.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institute follows well planned decentralized mechanism where in all the faculty are encouraged to participate in various committees for the overall development of the students. The following is the detailed information regarding the decentralized process being followed in the institute. Decentralization The institute provides full autonomy for the departments and various units in the nature of their duties in order to build decentralized governance system. v The Principal delegates the authority and responsibilities to the respective individual departments by thoroughly mentioning the institutional vision, mission and strategies needed to achieve under the duly laid institutional polices. v The Heads of various departments allocates the departmental responsibilities equally among all the staff members. v The responsibilities of each faculty are clearly stated with respect to preparation of timetables, subject allotment, conduction of seminars etc and the same will also be circulated to the faculty at all times. v The faculty are also given necessary freedom to offer any suggestions at appropriate meetings for the benefit of the institution. v The Heads of departments also ensure that the faculty participate actively in all the departmental meetings and give their suggestions as and when required. v The office administration of the college is headed by the office administrative in-charge, senior clerks, junior clerks and other sub staff who work together to finish the routine office works. Indeed it

has also been found that the decentralization of the department and human resources personnel of the institution helps in improving the quality of education provided to the students as every faculty member knows his/her responsibilities in a clarified manner and performs his/her duties well. Participative management The institute actively promotes a culture of participative management. The management of the college always encourages teaching and non-teaching staff for an open discussion with respect to matters relating to the improvement of effectiveness and efficiency of the institutional process. Departmental meeting are also conducted every fortnight and all the departmental staff are encouraged to express their views about particular issue/proposal. Students are also involved by forming committees during inter college, events and their opinions are also being taken into consideration. Levels of participative management v Students: The students are encouraged to share their views with the faculty in matters relating to class room administration and workshops during regular class meetings v Faculty : Regular faculty meetings are conducted to discuss any issues relating to the respective department and Head of Department will see that the suggestion of faculty is implemented. v Management: The management will also take into consideration the various suggestions given by Principal and Heads while brining in new polices regarding working of the college v Parents: The suggestions given by parents will also be taken into consideration regarding the facilities provided to the students.

6.1.2 – Does the institution have a Management Information System (MIS)?
Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	In G.Pullaiah College of Engineering and Technology, admission into First year of Four Year B. Tech. Degree Program of study in Engineering: Eligibility: A student seeking admission into the first year of four year B. Tech. degree Program should have (i) Passed either Intermediate Public Examination conducted by the Board of Intermediate Education, Andhra Pradesh, with Mathematics, Physics and Chemistry as optional subjects or any equivalent examination recognized by Board of Intermediate Education, Andhra Pradesh or a Diploma in Engineering in the relevant branch conducted by the Board of Technical Education, Andhra Pradesh or equivalent Diploma recognized by Board of Technical Education for admission as per the guidelines of Andhra Pradesh State Council for Higher Education (APSCHE). (ii) Secured a rank in the EAMCET examination conducted by APSCHE for allotment of a seat by the Convener, EAMCET, for admission into the program offered by the Institution. Admission Procedure: Admissions are made into the

first year of four year B.Tech. Degree Program as per the stipulations of APSCHE. (a) Category A seats are filled by the Convener, EAMCET. (b) Category B seats are filled by the Management. Admission into the Second year of Four Year B. Tech. Degree Program in Engineering Eligibility: A student seeking admission under lateral entry into the II year I semester B. Tech. Degree Program should have passed the qualifying exam (B.Sc. Mathematics Diploma holders), based on the rank secured by the student at Engineering Common Entrance Test (ECET) in accordance with the instructions received from the Convener, ECET and Government of Andhra Pradesh. Admission Procedure: Admissions are made into the II year of four year B. Tech degree Program through Convener, ECET against the sanctioned strength in each Program of study under lateral entry scheme. Admission into first year of two Year M.Tech degree program of study: Eligibility Admission to the M.Tech degree program shall be made subject to the eligibility, qualifications and specialization prescribed by Andhra Pradesh State Council of Higher Education APSCHE. Admissions shall be made based on the rank secured in PGECET examination conducted by APSCHE or GATE examination for allotment of a seat by the Convener, PGECET subject to reservations prescribed by the University or policies formed by the Government of Andhra Pradesh from time to time. Admission Procedure: Admissions are made into the first year of two year M.Tech program as per the stipulations of APSCHE. (a) Category A seats are filled by the Convener, PGECET. (b) Category B seats are filled by the Management. Admission into first year of two Year MBA degree program of study: Eligibility Admission to the MBA degree program shall be made subject to the eligibility, qualifications and specialization prescribed by APSCHE. Admissions shall be made based on the rank secured in ICET examination conducted by APSCHE for allotment of a seat by the Convener, ICET subject to reservations prescribed by the University or policies formed by the Government of Andhra Pradesh from time to time. Admission Procedure:

	Admissions are made into the first year of two year MBA program as per the stipulations of APSCHE.(a) Category A seats are filled by the Convener, ICET. (b) Category B seats are filled by the Management.
Curriculum Development	In G.Pullaiah College of Engineering and Technology, the development of Curriculum is done in a well-planned and structured manner 1. Each department has its own Internal department Committee which designs a draft copy of the curriculum to be followed 2. The Curriculum is then referred to various members of Board of studies that include eminent academicians, industry people, alumni etc. 3. The various inputs given by the members is taken into consideration and the necessary modifications in the curriculum are being incorporated 4. Care is being taken to ensure that students undergo compulsory internships, mini projects during their course of study. 5. The students are also given the choice of Choice based Credit system, Open Electives etc which indeed gives them flexibility to choose their interested Courses 6. The overall curriculum is designed in such a manner that it fully suits the requirements of outcome based education
Teaching and Learning	G.Pullaiah College of Engineering and Technology practices effective Teaching and Learning mechanism for the benefit of student community 1. Effective Teaching Learning Processes is adopted so as to ensure that the students learn about the latest technical trends in their specific branch of engineering. 2. ICT based learning is employed in all the classes to improve the learning capability of students 3. Studnets are made to involve themselves in experiential learning wherein they will be able to learn new concepts by doing themselves 4. Mini projects are also regularly assigned to the students so that they acquire the necessary hands on experience in designing and implementation of projects 5. Regular Industrial visits are also carried out for the benefit of students so that they get an idea about the latest trends being used in the industry 6. Regular seminars by Industry people are also conducted so as to abreast them

	regarding the latest technologies used by the Industry 7. The students are also encourages to learn new courses through open platforms like SWAYAM, MOOCS etc.
Examination and Evaluation	G.Pullaiah College of Engineering and Technology practices a robust mechanism in conduct of Examination and evaluation 1. The students will be required to register for their external examinations through online portal. Once the student gets registered for the examinations, the hall ticket will be generated automatically 2. The answer scripts of students will also have a bar coding thus differentiating the answer script of each and every student 3. The concept of Grade point average has also been introduced for the benefit of students 4. The entire procedure of conduct of examination has been made online so as to ensure more transparency in the system 5. Malpractices during the time of examination are also dealt seriously so as to ensure that they do not get repeated. 6. Students are also provided with the facility of revaluation of their answer scripts once their results get announced.
Research and Development	G.Pullaiah College of Engineering and Technology encouraging Research and Development by 1. Providing incentives for publishing research papers in referred journals with impact factor. 2. Providing financial Assistance, incentives and Academic Leaves to faculty for presenting and publishing Research papers in National/International Conferences/Seminars. 3. Sanctioning Academic leave for Research Work. 4. Special Interest Groups are established to carryout focused research in Emerging domains. 5. Organized Extension Lectures in specific domains. 6. Recognizing inspirational thinking of the students by awarding best student projects every year 7. Providing incentives to faculty for sanction of projects from external funding agencies. 8. Getting recognition for department research centers from Parent University. 9. Deputation of faculty to participate in workshops and seminars. 10. Financial Support for patent filing. 11.

	Continuous upgradation of labs with the latest equipment and software to meet research needs. 12. Financial support is given to the students for executing Industry standard projects. 13. Expert lecture from industry personnel to get exposure on current research.
Library, ICT and Physical Infrastructure / Instrumentation	In G.Pullaiah College of Engineering and Technology, 1. Class rooms are equipped with LCD Projectors and Internet Facility. 2. Internet bandwidth of 100 MBPS has been established throughout the campus. 3. Well-furnished Indoor stadium is available. 4. Gymnasium facility is created for both Boys and Girls. 5. Good number of online journals have been subscribed in central library for the benefit of the students. 6. Digital library access is given to all the students and faculty members for academic and research through internet where they can read latest research papers from the subscribed e-resources in the college campus. 7. Various open access resources which include journals and magazines have been subscribed for the benefit of students and faculty. 8. Establishment of Seminar halls and class rooms with ICT enabled tools. 9. Establishments pathways for physically challenged students.
Human Resource Management	G.Pullaiah College of Engineering and Technology has excellent human resource management strategies. 1. Recruitment of faculty and staff is carried out as per AICTE norms 2. The recruitment procedures are well defined. 3. Teaching and Nonteaching posts are filled as per requirement 4. The recruitment is approved by the governing body 5. Faculty Recruited through local selection committee will be ratified by the University 6. The grievance cell addresses issues for both staff and students. 7. Salaries are regularly paid through Bank for all the staff. 8. Orientation programs / training are conducted for newly recruited faculty 9. Quality enhancement measures are taken by deputing faculty to FDPs/STTPs. 10. Online feedback and counseling/ Mentoring is conducted on regular basis for the benefit of students and faculty.
Industry Interaction / Collaboration	G.Pullaiah College of Engineering and

	Technology has 1. Industry Institute Interaction Cell which has MoUs with reputed industries like TCS, CISCO, Talentio, APSSDC etc.. 2. The collaboration is focused on industrial training, curriculum development, technical workshops and expert lectures. 2. Laboratories with Industry support are established on the campus. 3. Students are regularly deputed for Internships in the concerned Industries to get practical exposure on the latest technologies. 4. Industry Persons from the industry are also included as members in Board of Studies so as to design the curriculum that suits the industry requirements. 5. Various innovative activities are regularly conducted on the campus in collaboration with industry.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Examination	The examination cell of G.Pullaiah College of Engineering and Technology practices a robust mechanism in conduct of Examination and evaluation 1. The students will be required to register for their external examinations through online portal. Once the student gets registered for the examinations, the hall ticket will be generated automatically 2. The answer scripts of students will also have a bar coding thus differentiating the answer script of each and every student 3. The evaluation of answer script of the students is also conducted online which facilitates to declare the results quickly 4. The entire procedure of conduct of examination has been made online so as to ensure more transparency in the system 5. Students are also provided with the facility of revaluation of their answer scripts once their results get announced. The students will be required to register for the above through online in order to carry out the revaluation process. 6. The examination of few courses are also conducted online in order to acquaint the students with the procedure of writing the exams online
Planning and Development	The institute recognizes the importance of e-governance in the planning and development of the Institute. In order to bring about

	proper governance in the implementation of various activities in the institute, it has developed an exclusive management system which incorporates all the aspects of students in it 1. The digital campus software being utilized indeed contains the entire database of the student involving his academic affairs, mentoring and his college fees etc. 1. Every student has a personal mail through the college domain through which the information is disseminated to the student regularly 3. The students are also encouraged to take up various online courses involving SWAYAM, MOOCS etc which indeed helps them to keep cope with the latest trends 4. Internet facility is provided across the campus so that the students can access the necessary information from anywhere. 5. ICT based learning is also encouraged among the students so as to enable them learn better
Finance and Accounts	The institute indeed follows the concept of e-governance in the managing the finance and accounts of the institute. 1. All types of payments in the college are done through online and payment through cash is generally not preferred. 2. The fees collecetd from students is also paid online by the students using EASYPAY, PAYTM etc which indeed facilitates them to pay the college fees in a faster manner 3. The salary statements of the staff are also reflected in the digital campus software which can be accessed by them through their login accounts 4. The daily payments and expenditure incurred are also regularly entered in to the tally register so as to avoid any sort of discrepancies
Student Admission and Support	The student admission is entirely through online and all the support systems present in the college are also accessible to the students through online 1. The admission of students is entirely through online wherein the student gives his necessary options for his interested brach of engineering. Once the requisite branch of engineering gets allotted to him, he reports to the college on the specified date. 2. All support systems of the college such as Feedback System. Feedback on facilities, attendance

	monitoring etc are made online wherein the student can give his/her feedback anonymously with respect to teaching or facilities 3. The parents can also acess the performance of their ward through the online system which indeed gives them a detailed idea about their wards attendance, results etc. 4. A separate online portal for employers in order to carry out degree verification has also been put in use for the benefit of the industry people and students. 5. The students are also provided with the facility of uploading their assignments online so that the instructor can evaluate their assignments also through online
Administration	1. The e-governance implemented effectively by using Google sheet for data collection from various departments. 2. The college has biometric attendance for teaching and non-teaching staff. 3. The college campus is equipped with CCTV cameras for close monitoring. 4. WhatsApp groups are used for awareness and smooth functioning of activities. 5. Online leave requisition system is also implemented.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr.K.Seshadri Ramana	Innovative mechanisms standards for Assuring Quality in Higher Education Institutions	KoneruLakshma iah Education Foundation	3000
2020	P.Bindu Swetha	International Conference Innovation (ICMRI-2020)	International Conference Innovation (ICMRI-2020)	5000
2020	Dr.N.Ramamurthy	Recent Advances in Mechanical, Civil and Electrical Engi neering,(ICRAMC E-2020)	Recent Advances in Mechanical, Civil and Electrical Engi neering,(ICRAMC E-2020)	3000

Year		Title	Title	Amount
2020	Dr.N.Ramamurthy	Recent Advances in Mechanical, Civil and Electrical Engineering,(ICRAMCE-2020)	Recent Advances in Mechanical, Civil and Electrical Engineering,(ICRAMCE-2020)	5000
2020	Dr.M.Ramprasad Reddy	International Conference on Communication, Computing and Electronics Systems	International Conference on Communication, Computing and Electronics Systems	5000
2019	Dr.G.Pandu Ranga Reddy	International Conference on " Green Power Technology in Power Grid: Issues, Challenges and Control	International Conference on " Green Power Technology in Power Grid: Issues, Challenges and Control	5000
2019	Dr.T.Tirupal	IEEE 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT-2019)	IEEE 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT-2019)	3000
2019	Dr.T.Tirupal	Indian Conference on Applied Mechanics (INCAM-2019)	Indian Conference on Applied Mechanics (INCAM-2019)	5000
2020	Dr.K.Mallikarjuna	International Conference on Smart Computing and Informatics (SCI-2020)	International Conference on Smart Computing and Informatics (SCI-2020)	5000
2019	2019	International Conference on Communication, Computing and Electronics Systems	International Conference on Communication, Computing and Electronics Systems	5000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

		staff				
2020	Workshop on NBA and NAAC accreditation Processes	Nill	09/03/2020	14/03/2020	128	Nill
2020	Online Workshop on Outcome Based Education	Nill	13/04/2020	18/04/2020	116	Nill
2019	Nill	Workshop on MS office.	12/09/2019	18/09/2019	Nill	18
2020	Nill	Training on Programmable Logic Controllers(PLCs)	22/10/2019	26/10/2019	15	5
2019	Workshop on "Getting started with AI/ML"	Nill	21/10/2019	26/10/2019	56	Nill
2019	Workshop on Data Science	Nill	23/09/2019	28/09/2019	94	Nill
2019	Advanced Communications, VLSI and Signal Processing	Nill	16/12/2019	21/12/2019	46	Nill
2020	Cutting Edge Technologies in Electronics and Communication Engineering	Nill	14/05/2020	19/05/2020	45	Nill
2020	Building Information Modelling	Nill	11/03/2020	16/03/2020	8	Nill
2020	Assessment and Utilization of Renewable Energy Resources	Nill	10/02/2020	15/02/2020	24	Nill

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Research Methodology: Tools and Techniques	4	18/05/2020	22/05/2020	5
FDP on Insights into Quality Research Innovation by VCEW, Chennai	2	13/05/2020	20/05/2020	8
FDP on Creative Teaching Learning by SAGE University, Bhopal	5	11/05/2020	16/05/2020	6
Online Teaching Etiquette andBest Practices	4	11/05/2020	16/05/2020	6
FDP on Research Challenges and Opportunities post Covid-19	6	04/05/2020	09/05/2020	6
MHRDs IIC Online Session on Innovation and Incubation Series	6	28/04/2020	22/05/2020	30
Two Week FDP on Research, Publication Funding	6	08/06/2020	19/06/2020	12
Funding opportunities- Proposals and Research Projects for Faculty	1	17/06/2019	20/06/2019	3
Capacity Building on Research Methodology	6	24/06/2019	28/06/2019	5

| Sustainable Construction Materials and Techniques | 2 | 08/08/2019 | 09/08/2019 | 2 |

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
131	131	45	45

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Health and accidental Insurance 2. Employee Provident Fund	1. Health and accidental Insurance 2. Employees state insurance	1. Health and accidental Insurance

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

G.Pullaiah College of Engineering and Technology has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purposes. Towards this end, every year, the budget is prepared centrally well in advance after taking into consideration the requirements of every department coupled with the strategic objectives of the institution. The budget is reviewed by the management and approved after necessary changes. As and when required, the institute makes a provision for advance/additional funds. The Governing Body approves the annual expenditure, scrutinizes the balance sheet and provides feedback for further optimal use of financial resources. Financial audits are conducted by a certified auditor every financial year to verify the compliance with established financial processes. The institute has a mechanism for internal and external audit. We have our internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire income and expenditure and the capital expenditure of the institute each year. Qualified Internal Auditors have been permanently appointed and a team of staff under them do a thorough check and verification in each financial year. Likewise an external audit is also carried out on an elaborate way on quarterly basis. The institute regularly conducts internal, external financial audit system.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
-	0	-
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO(BMQR Certification Agency)	Yes	Internal Quality Assurance Cell
Administrative	Yes	ISO(BMQR Certification Agency)	Yes	Internal Quality Assurance Cell

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The following are the various activities and support from the parents to improve the performance of the students in academics 1. Parents are invited to meet the mentors in order to know their ward's performance. 2. Parents can also meet the HODs to know the all-round performance of their ward. 3. Every year a meeting between Parent and Teacher would be held which facilitates discussion of student progress like academic progress and performance in examinations. 4. Further the Parent -Teacher meeting paves way for suggestions to improve the performance of student.

6.5.3 – Development programmes for support staff (at least three)

The following are the different programmes conducted for the development of supporting staff. 1. One week workshop on MS office from 12/9/2019 to 17/09/2019. 2. Training program on Programmable Logic Controllers from 22/10/2019 to 27/10/2019. 3. Training in AUTO CAD and CATIA from 18/11/2019 to 23/11/2019. 4. Training program on Analog Discovery Kits from 17/02/2019 to 22/02/2019. 5. One week workshop on Lab View from 13/07/2019 to 18/07/2019.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

The following are the various activities initiated after NAAC accreditation 1. The institute has obtained accreditation in three departments (CSE, ECE and EEE) from National Board of Accreditation, New Delhi. 2. The institute has also obtained autonomous status from UGC New Delhi till the year 2028. 3. The institute has also initiated the establishment of Institute Innovation Cell approved by MHRD, New Delhi to carry out various innovative activities on the campus. 4. MOUs also have been established with APSSDC, NRDC, and Asia University for exchange of students and faculty and also improve technical skills of students and faculty.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	A Workshop on "Getting started with AI/ML"	21/10/2019	21/10/2019	25/10/2019	56
2019	Two- Day Workshop on Data Science	23/09/2019	23/09/2019	24/09/2019	95

2020	Cutting Edge Technologies in Electronics and Communication Engineering	14/05/2020	14/05/2020	16/05/2020	154
2019	Advanced Communications, VLSI and Signal Processing	16/12/2019	16/12/2019	21/12/2019	128
2020	Building Information Modelling	11/03/2020	11/03/2020	14/03/2020	45
2020	Assessment and Utilization of Renewable Energy Resources	10/02/2020	10/02/2020	15/02/2020	67
2020	Two-Day workshop on NBA and NAAC accreditation Processes	09/03/2020	09/03/2020	10/03/2020	128
2020	Online Workshop on Outcome Based Education	13/04/2020	13/04/2020	15/04/2020	116
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Self-Defense Workshop for women	12/08/2019	12/08/2019	106	Nill
Seminar on Gender Sensitization	05/10/2019	05/10/2019	85	92
Women's Rights and Access to Criminal Justice System	04/02/2020	04/02/2020	245	Nill

| Women Empowerment | 11/02/2020 | 11/02/2020 | 193 | Nill |
| Women Rights and Opportunities | 07/03/2020 | 07/03/2020 | 148 | Nill |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

A total of 65 percent of the power requirement of the institute has been met by renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Physical facilities	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	30/08/2019	1	Awareness on Eco friendly Ganpati Idol	To save water from pollution	156
2019	1	1	24/09/2019	1	NSS Foundation Day	Registration of Volunteers for NSS for the academic year 2019-2020	100
2019	1	1	15/10/2019	1	Abdul kalam birth day	To create innovative thinking and implementation	259
2020	1	1	25/01/2020	1	New voter registration	To create awareness about the value of the vote in	243

| 2020 | 1 | 1 | 02/03/2020 | 1 | Road safety program | To drive safely with driving license and by wearing helmet and following traffic rules | 103 |

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| 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders |

Title	Date of publication	Follow up(max 100 words)
Student hand book	15/07/2019	A student hand book is distribute to all the students which contain the details like programs offered, choice based credit system, academic requirements, award of degree and class, placement and training details, anti-ragging act, mentor details, transportation facility, academic calendar, student corner etc.
Code of conduct students	19/08/2019	1. Each student is expected not to indulge in any activity, which is likely to bring disrepute to the college. 2. He should show due respect and courtesy to the teachers, administrators, officers and employees of the college and maintain cordial relationships with fellow students. 3. Lack of courtesy, decorum, indecorous behavior or untoward attitude both inside and outside the college premises is strictly prohibited. 4. Willful damage or discard of Institute's property or the belongings of fellow students are not at all

			accepted. 5. Creating disturbance in studies or adopting any unfair means during the examinations or breach of rules and regulations of the Institute or any such undesirable means and activities shall constitute violation of code of conduct for the student. 6. Ragging in any form is strictly prohibited and is considered a serious and punishable offence as per law. It will lead to the expulsion of the offender from the college. 6. Violation of code of conduct shall invite disciplinary action which may include punishment such as reprimand, disciplinary probation, debarring from the examination, withdrawal of placement services, withholding of grades/Degrees, cancellation of registration, etc., and even expulsion from the college
Code of conduct for faculty	15/07/2019		1. Every employee shall be governed by these rules and is liable for consequences in the event of any breach of rules by him/her. 2. Every employee shall maintain integrity, be devoted to his duty and be honest and impartial in his/her official dealings. An employee shall be courteous and polite in his/her dealings with the Management, with other members of staff, students and with members of the public. He shall exhibit utmost loyalty and shall, always act in the interests of the institution.
7.1.6 – Activities conducted for promotion of universal Values and Ethics			

Activity	Duration From	Duration To	Number of participants
Tree Plantation	31/07/2019	31/07/2019	62
Sachha Vaarotsav	18/09/2019	24/09/2019	194
National Voters Day	25/01/2020	25/01/2020	243
World Cancer Day	04/02/2020	04/02/2020	185
NSS Foundation Day	24/09/2019	24/09/2019	100
National Constitution Day	26/11/2019	26/11/2019	53

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Usage of Solar energy in the campus to meet the electricity consumption to some extent. 2. Conduct of green audit in the campus. 3. Declaration of campus to be plastic free and efforts being taken to implement the same. 4. Implementation of the procedure regarding the recycling of water. 5. Initiative being taken up to reduce the number of vehicles on the campus thus reducing the noise pollution and improving the air quality.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY::KURNOOL INSTITUTIONAL BEST PRACTICES BEST PRACTICE -1 Title of the Practice: Implementation of innovative methods in teaching – learning process Goal of the Practice: ? Driving the concepts home through project based learning approach ? Learning by doing ? Inculcating cognitive computational thinking and programming capabilities ? Design and development of efficient and economical ways of solving real life problems Context: The current practice of paper based evaluation system in the middle and end of the semesters is not giving much scope to students to apply their concepts to develop a product or a service that solve a real life problem. There is a growing need for tools both hardware software which will prompt the students to think innovatively and come up with the solutions that are time cost effective Practice Students who build circuits in their very first year of engineering using electronic workbenches can design circuits to address practical problems by the time they reach final year. Programming has become an enigma for many engineering students. Using innovative software tools like programming workbench will motivate them to learn and apply code to solve practical problems Also, e-Learning through Virtual labs, YouTube videos, MOOCS, TED lectures and other related sources make learning easy and pleasurable Evidence of success: More and more students participating in Coding and IoT design competitions. Students developing IT Engineering products for solving existing problems or for new applications Problems encountered and Resources required. It takes a lot of time and effort to get acceptance of teachers students to embrace new technologies. BEST PRACTICE -2 Title of the Practice: e- Governance Goal of the Practice: The goal of the practice is to provide effective and easy way to automate the functionalities of the Institute and to provide information about the students and staff to the stake holders by way of digital campus software and college website. Digital campus software which is being used by our institute provides various types of educational related services like maintaining attendance, internal marks, work load of staff members, leave history, mentoring data etc., thereby reducing human error and paper work. The college website www.gpcet.ac.in provides information about the various departments of the institution, vision, mission, placement details,

facilities provided etc. Context: Our institute has an intake of 600 UG students and 174 PG students every year and has a total strength of around 3000 students in the campus. To maintain the records of all these students manually is a huge task and there are chances of committing errors. Hence digital campus software is being used by our Institute to store information about various types of educational related services like maintaining attendance, internal marks, work load of staff members, leave history, mentoring data etc., thereby reducing human error and paper work. Practice: Digital campus software is loaded with main features like Admissions, Academics, Correspondence, Library, Administration etc. by which the details of attendance, internal marks, work load of staff members, leave history, back logs of students, mentoring data etc. which can be accessed when necessary by both the staff as well as the student using their Login Id and Passwords. The access to the software can also be done through the institute website www.gpcet.ac.in. Evidence of Success ? The information regarding any student or staff can be accessed in minimum amount of time. ? The analysis of marks and attendance can also done easily. ? As the log-in access is also given to the parents, the parents are being able to access the information about attendance, marks etc of their wards in minimum amount of time. ? Effective management of resources. ? Interaction between the faculty and students has also increased. ? The information is stored centrally and no redundant data is stored. Problems encountered and Resources required ? There will be problem in accessing the data when the network is down. ? There is a chance of files getting corrupted. ? A separate high configuration server is to be allotted for this software.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.gpcet.ac.in/wp-content/uploads/2020/08/Institutional-Best-Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY::KURNOOL INSTITUTIONAL DISTINCTIVENESS The vision of the institute focuses on global standards, value-based education with ethics, interdisciplinary research, and sustainable development. The institute has established its distinctive approach towards this comprehensive vision by planning unique mission to involve the students in research and development with ethical values. The institutional distinctiveness is expressed in terms of (i) Excellence in Academics (ii) Exploration of Knowledge through Research (iii) Excitement of Innovation Entrepreneurship (iv) Development of manpower with Global Vision and Social Responsibility. (i) Excellence in Academics: A high quality of academic excellence can provide value-added experience for the students. The positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching-learning methods blended with ethical values. It outlines the commitment to academic performance expected of all students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. (ii) Exploration of Knowledge through Research: The course based projects, social impact projects, certificate courses offered by the institute provides the knowledge regarding cutting edge technologies, enabling the students to carry out inter-disciplinary research. The research centre of the institute is equipped with advanced level research laboratories to facilitate the academic and sponsored projects. (iii) Excitement of Innovation and Entrepreneurship: The institute provides a platform to business start-ups to develop their ideas into commercially viable products. The students participate in the big idea competition and the best

ideas are rewarded. Extra hour lab facilitates the students to work on innovative project ideas. The innovative cell encourages the stakeholders to incubate the selected projects, by providing the seed money and infrastructure based on their credentials. Entrepreneur development cell crucially works on generating the excitement in the young engineering brains to produce innovation and thus laying the stones for entrepreneurship. (iv) Exponent for Development of a Rounded Personality with Global Vision and Social Responsibility: Participation of students in co-curricular activities and extracurricular activities helps to enhance all rounded personality to strongly face the turbulent road of the future. Experiences and appreciations gained through these activities assist students during internships. Career guidance, personal counseling and training are well structured through mentoring and training placement centre. Student participation in these activities is facilitated through professional bodies and student associations. Since the vision of the Institute focuses on comprehensive and sustained growth of the students and that of the Institute along with its student community which leads to appreciable, all-round performance by assuring global standards through value-adding education and interdisciplinary research paving ways to sustainable development.

Provide the weblink of the institution
http://www.gpcet.ac.in/wp-content/uploads/2020/08/Institutional-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

1. Obtaining the extension of accreditation from national Board of Accreditation for the departments of ECE, CSE and EEE. The following departments had been previously accredited for a period of 3 years till 2019-20. In order to keep up the standards of the Institute, it is very necessary to ensure that the reaccreditation is to be obtained by the National board of Accreditation, New Delhi. 2. Obtaining the rank in the National Institutional Ranking Framework being framed by MHRD, India. The Institute has also recognized the importance of getting the requisite rank in the National Institutional Framework being framed by MHRD, India. The ranking is dependent on the various parameters which included Teaching Learning process, Student admissions, Publications etc. 3. To acquire more ranking for the Institute in reputed agencies like The Week, India Today, Careers 360, Competition Success Review, Dataquest etc. Various reputed agencies are also announcing various ranks for Institutes based on several parameters involving Teaching Learning process, Student admissions, Publications etc. The Institutes also need to participate in such ranking mechanisms in order to know about their overall progress when compared with other institutions. This indeed helps the institutes to know their strengths and weakness so that they can improve further 4. Enable the faculty to publish more number of papers in reputed Journals and Conferences. The faculty need to regularly publish papers in journals and conferences so as to keep themselves abreast of the latest technical developments in their branch of specialization. This indeed gives them wide scope to improve their technical skills so that they can also pass on the necessary information to the student community 5. To acquire more number of funding projects from various funding agencies like AICT, DST etc. In order to inculcate and improve the research culture on the campus there is a need to obtain more amount of funding projects from various government agencies like AICTE, DST etc so that it helps the institute to improve the establish latest equipments for the benefit of staff and students