



# G PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY (Autonomous)

(Approved by AICTE | NAAC Accreditation with 'A' Grade |  
Accredited by NBA (CIV, CSE, ECE & EEE) | Affiliated to JNTUA)  
Nandikotkur Road, Venkayapalli (V), Kurnool - 518452, Andhra Pradesh

## Mandatory Disclosure

AICTE Permanent ID		1-23838031
1	Name of the Institution	G Pullaiah College of Engineering & Technology Pasupala(V), Nandikotkur Road,Kurnool-518452 Land Line: 08518-285011, Fax: 08518-285033 Mobile:9246922869 Mail: <a href="mailto:principal@gpcet.ac.in">principal@gpcet.ac.in</a> Website: <a href="http://www.gpcet.ac.in">www.gpcet.ac.in</a>
2	Name and address of the Trust/ Society/ Company and the Trustees	Sri Sai Krishna Educational Society 80-112-G-1-1, Abbas Nagar, Kurnool, Andhra Pradesh
3	Name and Address of the Vice Chancellor/ Principal/ Director	Dr. C Srinivasa Rao Principal G Pullaiah College of Engineering & Technology Pasupala(V), Nandikotkur Road,Kurnool-518452 Land Line: 08518-285011, Fax: 08518-285033 Mobile:9246922869 Mail: <a href="mailto:principal@gpcet.ac.in">principal@gpcet.ac.in</a>
4	Name of the affiliating University	Jawaharlal Nehru Technological University Anantapur (JNTUA), Sharada Nagar Ananthapuramu -515002 Andhra Pradesh

### Governance

#### ❖ Members of the Board and their brief background

Governing Body Members

S.No.	Name	Portfolio	Designation
1	Sri. G. V. M. Mohan Kumar	Management	Chairman, G.Pullaiah College of Engineering and Technology, Kurnool.
2	Sri. G. Pullaiah	Management	Secretary & Correspondent, G.Pullaiah College of Engineering and Technology, Kurnool

3	Sri. G. Gopinath	Management	Joint Secretary G.Pullaiah College of Engineering and Technology, Kurnool.
4	Sri. G. Vamsidhar	Management	Vice-Chairman, G.Pullaiah College of Engineering and Technology, Kurnool.
5	Prof. Vinod Sharma	UGC Nominee	Professor, Department of Computer Science & IT, University of Jammu, Jammu & Kashmir.
6	Prof. C. Ratnam	State Government Nominee	Professor, Department of Mechanical Engineering, Andhra University, Andhra Pradesh.
7	Prof. N. Visali	Member	Professor, Department of EEE, J.N.T. University Anantapur, Anantapuramu.
8	Dr. U. Chandrasekhar	Member	CEO, GMSIR Scientific Innovation and Research, Bengaluru
9	Sri. E. S. Chakravarthy	Member	Advisor
10	Dr.B. Jayarami Reddy	Member	Director, RGUKT, IIT Ongole Campus Prakasham District.
11	Sri. N. Srinivas Vithal	Member	Smartron Technologies, Bengaluru.
12	Sri. D. V. Jogaiah Sharma	Member	Senior Advocate, Kurnool
13	Sri. H. Venkatesh Babu	Member	Civil Engineer, Kurnool
14	Dr. J. Mamatha	Member	Assoc. Professor, Department of Chemistry, G.Pullaiah College of Engineering & Technology, Kurnool.
15	Dr. M. Giridhar Kumar	Member	Dean Administration, G.Pullaiah College of Engineering & Technology, Kurnool.
16	Dr. C. Srinivasa Rao	Member Secretary	Principal, G.Pullaiah College of Engineering & Technology, Kurnool.

❖ **Members of Academic Advisory Body****Academic Council Members**

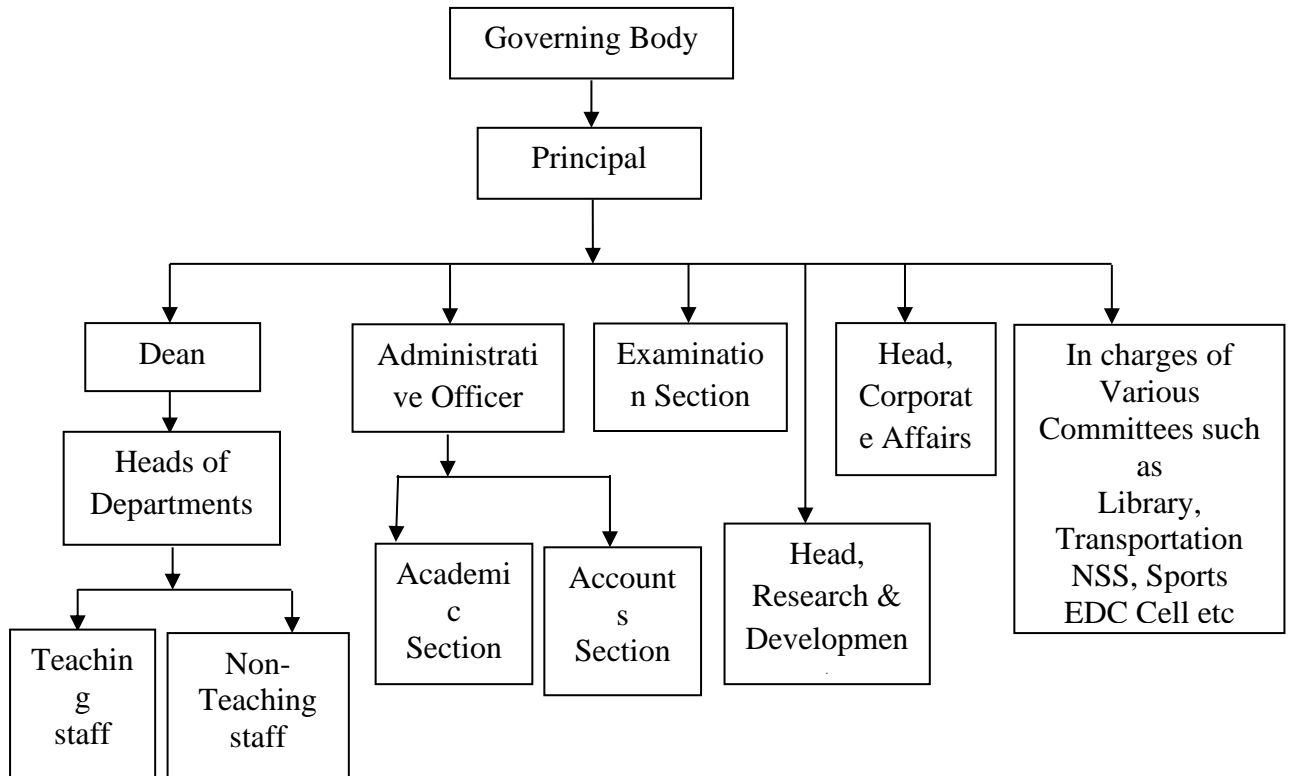
<b>S.no</b>	<b>Name of the member</b>	<b>Designation</b>
1.	Dr C. Srinivasa Rao	Principal G.Pullaiah College of Engineering & Technology, Kurnool.
2.	Prof. S V Satyanarayana	Director of Academic and Planning, JNT University, Ananthapur.
3.	Prof. V Naga Prasad Naidu	Director of Evaluation, J.N.T University, Ananthapur.
4.	Prof. A. Suresh Babu	Director of Academic Audit J.N.T University, Ananthapur.
5.	Dr Ravindra Babu	Surgical Oncologist, Omega Hospital, Kurnool.
6.	Dr M. Giridhar Kumar	Professor & HOD, Master of Business Administration. G.Pullaiah College of Engineering & Technology, Kurnool.
7.	Dr M.Srilakshmi	Professor & HOD, Computer Science and Engineering. G.Pullaiah College of Engineering & Technology, Kurnool.
8.	Dr B Ravi Chandra	Associate Professor & HOD, Electronics and Communication Engineering. G.Pullaiah College of Engineering & Technology, Kurnool.
10.	Dr G.Pandu Ranga Reddy	Professor & HOD, Electrical and Electronics Engineering G.Pullaiah College of Engineering & Technology, Kurnool..
11.	Dr G Praveen Kumar	Professor & HOD, Mechanical Engineering. G.Pullaiah College of Engineering & Technology, Kurnool.
12.	Dr S.Afzal Basha	Professor & HOD, Civil Engineering.

		G.Pullaiah College of Engineering & Technology, Kurnool.
13	Dr P.Suman Prakash	Professor &HOD, Computer Science and Engineering(AI). G.Pullaiah College of Engineering & Technology, Kurnool.
14.	Dr B.Suneetha	Professor & HOD, Humanities and Sciences. G.Pullaiah College of Engineering & Technology, Kurnool.
15.	G.Sashi Kumar	Dean Student Affairs, Humanities and Sciences. G.Pullaiah College of Engineering & Technology, Kurnool.
16.	Dr K Sreenivasulu	Professor & Controller of Examinations, G.Pullaiah College of Engineering & Technology, Kurnool.
17.	Dr K.C.T Swamy	Professor & Dean R&D, Electronics and Communication Engineering. G.Pullaiah College of Engineering & Technology, Kurnool.

❖ **Frequency of the Board Meeting and Academic Advisory Body**

Governing Body Meeting	Twice in a year
Academic Council meeting	Twice in a year

## ❖ Organizational Chart and processes



## ❖ Mechanism/ Norms and Procedure for democratic/ good Governance

### **Principal**

The Principal ensures that quality education is being imparted to the students and the institute caters to the holistic growth of the students. Further the Principal also performs the following roles and responsibilities.

- ❖ The Principal shall be the leader for the entire academic administration and create a congenial environment for learning. He shall ensure that quality education is imparted to the students and work towards the achievement of goals of the institution.
- ❖ The Principal being the Head of the Institution shall act as a bridge between the staff, students and the Management and shall report to the Management on all matters
- ❖ Being the Member Secretary he/she shall propose all proposals relating to administrative/academic and finance related issues and seek approval along with ensuring its proper implementation
- ❖ The Principal shall also act as a facilitator between the external agencies and the institution along with facilitating the stakeholders to provide necessary inputs for the overall growth of the institute.
- ❖ The Principal shall ensure that proper address to the grievances of the students, staff and faculty members is done along with proper administrative and evaluation process.
- ❖ He/She shall conduct regular meetings among various committees/bodies in order to ensure proper working of the institution
- ❖ To prepare all the reports and records required by various agencies like AICTE, UGC, MHRD, JNTUA, NAAC, NBA and ensure that they are submitted properly in time.

- ❖ The Principal shall take necessary actions in order to ensure that smooth and proper conduct of examinations is being carried out.
- ❖ The Principal shall prepare Strategic plan for the institute from time to time and ensure that it is implemented properly

#### **Dean Administration**

- ❖ He would be required to assist Principal in all Administrative affairs of the College.
- ❖ The Administrative affairs may include Joining Report of Students/ Faculty, Fee related aspects including Fee Reimbursement, Infrastructural activities to be carried out, Transport, Salaries etc.
- ❖ He is required to periodically check for any infrastructural (or) man power requirements across all the departments and other sections of College and bring to the notice of Principal regarding any issue.
- ❖ Any other responsibility assigned by Principal from time to time.

#### **HEAD OF DEPARTMENT (HOD)**

- ❖ The Head of department is expected to provide strong academic leadership and ensure that the department reaches the highest level of excellence in all its activities.
- ❖ The HOD needs to ensure that the educational progress and welfare of the students are being taken care of in the department.
- ❖ To design the academic work load of the department (theory classes, practical classes, project supervision etc) as per the norms indicated by the Principal
- ❖ To monitor the attendance of the students in classes and laboratories along with mentors and ensure that proper mentoring is done to the students with less attendance and good number of backlogs.
- ❖ The HOD needs to continuously encourage innovation, research and consultancy among the faculty of the department.
- ❖ Responsible for the conduct of various short term training programmes, guest lectures, workshops and conferences within the department.
- ❖ Provide in time the required information about the department to the College Office in order to comply with various agencies like JNTUA, NBA, NAAC, MHRD etc.
- ❖ Prepare the departmental budget as per the procedures and ensure that proper financial management is being done
- ❖ To have regular meetings with staff of the department to ensure that proper academic progress is being carried out

#### **DEAN-R&D**

- ❖ Identify the thrust areas of National/International significance and guide the faculty to prepare proposals for external research funding
- ❖ Provide the necessary database regarding the R & D information to various departments
- ❖ Motivate and guide the students and faculty to publish papers in various International/National Journals and Conferences.

- ❖ Monitor the research activities of faculty and students on regular basis and provide necessary report for the sanction of incentives.

❖ **Student Feedback on Institutional Governance/ Faculty performance**

**Online Feedback System is employed for the Student Feedback on Faculty performance on Semester basis. The Average Percentage of students who participate in the feedback is about 85% to 90 %**

The questionnaire is designed in such a manner which covers all the aspects of teaching learning process

- ❖ Feedback is employed for performance appraisal of faculty
- ❖ The process of Evaluation is used for improvement of quality of Teachers
- ❖ The evaluation of Faculty by students is employed for improving the quality of teaching-learning process and enhancing its effectiveness.
- ❖ The following are the measures that have been undertaken for improvement of teaching learning process using the evaluation.
  - ✓ Faculty identify their deficiencies / short comings and improve their teaching methods.
  - ✓ Changing of teaching methods to suit the requirement of slow learners.

**The following are the Indices used for measuring quality of teaching and learning**

- ❖ 5.0 - 4.0 → Excellent
- ❖ 4.0 – 3.5 → Very Good
- ❖ 3.5 – 3.0 → Good
- ❖ 3.0 – 2.50 → Average
- ❖ Below 2.50 → Poor

Based on the student response, the result of the feedback is discussed with the concerned faculty members by the HOD and suggestions are given to improve the performance.

❖ **Grievance Redressal mechanism for Faculty, staff and students**

This Committee has been formed to ensure that the various grievances related to the students and faculty can be sorted out. The constitution of Grievance Redressal Committee can be seen as follows:

S.No	Name of the Staff	Responsibility
1	Dr C. Srinivasa Rao	Convener
2	Ms. K. Lakshmi	Member in Charge
3	Ms. K Uma Maheswari	Member
4	Ms. M Bhagya Lakshmi	Member
5	Ms. T Suharika Paul	Member
6	Ms. Ruhi Afreen	Member
7	Dr G Naga Ganesh	Member
8	Mr. P Vinay Kumar Reddy (21AT1A0324)	Student Member
9	Ms. B.Kumar(21AT1A0104)	Student Member
10	Ms .G Lavanya (21AT1A0459)	Student Member

11	Mr.V Srikanth(21AT1A0250)	Student Member
12	Ms.D Sevitha(21AT1A0541)	Student Member
13	Ms. B Suman(21AT1A3112)	Student Member

- ❖ Ensure that Suggestion/ Compliant Box is being provided at principal's office for students to lodge their complaints/ suggestions.
- ❖ To find the facts of the grievances and offer possible solutions to the students.
- ❖ To review the suggestions/complaints raised by the students during periodical counselling

❖ **Establishment of Anti Ragging Committee**

S.No	Name	Designation	Role
1.	Dr. C SrinivasaRao	Principal	Convener
2.	Mr. G Sashi Kumar	Dean, Student Affairs	Member in Charge
3.	Dr. M.Giridhar Kumar	Dean Administration	Member
4.	Dr G Panduranga Reddy	Head, Dept of EEE	Member
5.	Dr. B Ravi Chandra	Head, Dept of ECE	Member
6.	Dr M Sreelakshmi	Head, Dept of CSE	Member
7.	Dr. P Suman Prakash	Head, Dept of CAI	Member
8.	Dr G Praveen Kumar	Head, Dept of ME	Member
9.	Dr S Afzal Basha	Head, Dept of CE	Member
10.	Dr. B Suneetha	Head, Dept of H & S	Member
11.	Mr. Md. Farooq	Physical Director	Member
12.	Mr D Yuvaraj Tilak		Student Member
13.	Mr. H Mahesh		Student Member
14.	Ms. K Nandini		Student Member
15.	Ms. G Hemalatha		Student Member
16.	Ms. G Ruchitha		Student Member

The various functions of anti-ragging committee are as follows:

- ❖ To check any sort of ragging in and outside the campus in any form.
- ❖ To report to the administration any activities that lead to ragging and to take necessary action on the culprits.
- ❖ To display banners indicating to stop ragging, educating senior students on the consequences of indulging in ragging and also help line numbers to enable the victims to contact the authorities quickly.
- ❖ To secure almost all areas in the college (i.e. canteen, parking places, different blocks, play grounds etc.) and ensure that at least one faculty member is present at a particular time at all locations to avoid ragging.
- ❖ To take precautions to avoid ragging activities at other locations like bus stops and give instructions to appoint student volunteers at various boarding points.
- ❖ To conduct anti-ragging campaigns in the form of Flexies, Posters and Boards in college premises and surrounding areas where there is a chance of ragging.
- ❖ To conduct meetings whenever required and discuss relevant issues with the chairman of the committee.



❖ **Establishment of Online Grievance Redressal Mechanism**

An online Grievance Redressal Mechanism has been established with Mrs. K Lakshmi, (9705199987) as its convener and the online link to express their grievances as follows: <https://digitalcampus.msmfclasses.com:94>

❖ **Establishment of Committee for SC/ST**

This committee has been framed to look into the prevention of atrocities on SC/ST students and staff. The constitution of the committee is as follows.

S.No	Category	Status
1	Dr S Vinay Babu	Convener
2	Dr. P Suman Prakash	Member
3	Mrs. M Bhagya Lakshmi	Member
4	Mrs. P Malathi	Member
5	Dr. C Naga Ganesh	Member

The various functions of the Committee can be as listed below:

- ❖ To look into the holistic development of SC/ST students.
- ❖ To look into the complaints regarding atrocities on SC/ST students and staff at any point of time.

**Internal Quality Assurance Cell**

<b>Chairperson: Head of the Institution</b>			
1	Dr. C.SrinivasaRao	Principal	Chairperson
<b>A few Senior Administrative Officers</b>			
2	Mr.G.Ranganayakulu	Chief Operating Officer	Member
3	Mr.G.Ch.Pullaiah	Senior Operating Officer	Member
4	Dr M Giridhar Kumar	Dean Administration	Member
5	Dr K Sreenivasulu	Controller of Examinations	Member
<b>Three to eight teachers</b>			
6	Dr. M Srilakshmi	Head, Dept of CSE	Member
7	Dr. B Ravi Chandra	Head, Dept of ECE	Member
8	Dr G Panduranga Reddy	Head, Dept of EEE	Member
9	Dr P Suman Prakash	Head, Dept of CAI	Member
10	Dr G Praveen Kumar	Head, Dept of ME	Member
11	Dr S Afzal Basha	Head, Dept of CE	Member
12	Dr. B Suneetha	Head, Dept of H&S	Member
<b>One member from the Management</b>			
13	Mr.G.Vamsidhar	Vice-Chairman	Member
<b>One/Two nominees from local Society, Students and Alumni</b>			
14	Mr.G.Gopinath	CEO,Ridge School, GVM Educational Society.	Member

15	Mr.E Soma Naidu	TCS Hyderabad	Member
16	Mr. K Anil Kumar		Student Member
17	Ms. R Lohitha		Student Member
18	Mr. B Uday Kumar		Alumni
19	Ms. M Anusha		Alumni
<b><i>One of the Senior teachers as the Coordinators/Director of the IQAC</i></b>			
20	Dr B Madhusudhan Reddy	ECE	Member

#### **The various functions of the Committee are**

- ❖ Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution
- ❖ Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- ❖ Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes
- ❖ Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- ❖ Documentation of the various programmes/activities leading to quality improvement.
- ❖ Development and maintenance of institutional database through College Management System for the purpose of maintaining /enhancing the institutional quality.
- ❖ Development of Quality Culture in the institution.
- ❖ Prepare a consolidated report of all the status, in terms of losses, obsolete equipment, items recommended for writing-off, disposal of waste, general fitness of all equipment and so on.
- ❖ Co-ordinate in the auditing of each department's stock ledgers once in a year by the faculty from other departments and if necessary by the external auditors to get stock verification conduct.
- ❖ To continue the schemes of Remedial Coaching classes for the slow learners or non performers, and Bridge courses for students from other school background.
- ❖ Ensure research work papers are adequately documented and audit evidence is sufficient.
- ❖ Conduct periodic training workshops to promote awareness of internal controls and to discuss changes in policies that will impact the system.
- ❖ To give adequate counselling and guidance to students in their personal / academic / professional fronts through the Counselling and Guidance cell.
- ❖ To conduct meetings whenever required and discuss relevant issues.



## Programmes

### UG Programme

Sno	Name of the Programme approved by AICTE	Intake	Year of Start	AICTE Latest approval	Accreditation Status	
					NAAC	NBA
1	Four Year B.Tech Degree in Electronics & Communication Engineering	180	2007	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	Accredited upto 30/06/2024
2	Four Year B.Tech Degree in Computer Science & Engineering	360	2007	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	Accredited upto 30/06/2024
3	Four Year B.Tech Degree in Electrical & Electronics Engineering	60	2007	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	Accredited upto 30/06/2024
4	Four Year B.Tech Degree in Civil Engineering	30	2011	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	Accredited upto 30/06/2025
5	Four Year B.Tech Degree in Mechanical Engineering	30	2013	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-
6	Four Year B.Tech Degree in Computer Science & Engineering (Artificial Intelligence)	180	2020	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-

### PG Programme

Sno	Name of the Programme approved by AICTE	Intake	Year of Start	AICTE Latest approval	Accreditation Status	
					NAAC	NBA
1	Two Year M.Tech Degree in Digital Electronics & Communication Systems(DECS)	06	2011	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-
2	Two Year M.Tech Degree in Electrical Power Systems(EPS)	06	2012	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-

3	Two Year M.Tech Degree in Computer Science & Engineering(CSE)	18	2012	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-
4	Two Year MBA Degree in Master of Business Administration	60	2008	F.No. South-Central/1-43660624915/2024/EOA/Corrigendum-1 dated 22/05/2024	YES	-

- ❖ For each Programme the following details are to be given

S.No	Name of Programme	No. of seats	Duration	Fee Approved by State Government
<b>Under Graduate Course</b>				
1	Civil Engineering	30	4 Years	60900
2	Computer Science & Engineering	360	4 Years	60900
3	Computer Science & Engineering (Artificial Intelligence)	180	4 Years	60900
4	Electronics & Communication Engineering	180	4 Years	60900
5	Electrical & Electronics Engineering	60	4 Years	60900
6	Mechanical Engineering	30	4 Years	60900
<b>Post Graduate Course</b>				
7	M.Tech(Digital Electronics & Communication Systems)	06	2 Years	50000
8	M.Tech(Electrical Power Systems)	06	2 Years	50000
9	M.Tech(Computer Science & Engineering )	18	2 Years	50000
10	Master of Business Administration	60	2 Years	35000

### **Training & placement**

Training & placement cell provides placements in the leading MNC's and reputed industries. It guides and trains students in their career planning. It plays a challenging role in bridging the gap between institute and industry.

The major functions of Training and Placement include

- Job placement for students through campus interviews
- Training the students on the latest topics under the theme MYSKILLS MY FUTURE
- Educational tours to industries and places of technical importance
- Certificate courses & training programmes and workshops on career planning, job interviews, group discussions.
- Assistance in internship
- Special care is taken for the improvement of communication skills and personality development



**Training and Placement Cell of the College**



**Seminar Hall**

❖ **Campus Placement in last two years**

S.No	Name of Programme	Placement Details				
		2023-24	2022-23	Minimum Salary	Maximum Salary	Average Salary
1	Electronics & Communication Engineering	83	201	3 Lakhs	4.5 Lakhs	3.5 Lakhs
2	Computer Science & Engineering	103	260	4 Lakhs	10 Lakhs	6 Lakhs
3	Civil Engineering	01	45			
4	Electrical and Electronics Engineering	21	69	4 Lakhs	9 Lakhs	5.5 Lakhs
5	Mechanical Engineering	06	21	4 Lakhs	4 Lakhs	4 Lakhs
6	Computer Science & Engineering (AI)	44		3 Lakhs	14 Lakhs	6.5 Lakhs
7	Computer Science & Engineering (IOT)	28		3 Lakhs	6.5 Lakhs	4.5 Lakhs
8	MBA	30	42	2.7 Lakhs	6.5 Lakhs	4.5 Lakhs

**Faculty**

S.No	Name of Programme	Faculty Details
1	Computer Science & Engineering	<a href="http://www.gpcet.ac.in/cse_faculty/">http://www.gpcet.ac.in/cse_faculty/</a>
2	Electronics & Communication Engineering	<a href="http://www.gpcet.ac.in/ece_faculty/">http://www.gpcet.ac.in/ece_faculty/</a>
3	Electrical and Electronics Engineering	<a href="http://www.gpcet.ac.in/eee_faculty/">http://www.gpcet.ac.in/eee_faculty/</a>
4	Civil Engineering	<a href="http://www.gpcet.ac.in/civil_faculty/">http://www.gpcet.ac.in/civil_faculty/</a>
5	Mechanical Engineering	<a href="http://www.gpcet.ac.in/me_faculty/">http://www.gpcet.ac.in/me_faculty/</a>

6	Computer Science & Engineering (Artificial Intelligence)	<a href="http://www.gpcet.ac.in/cse_faculty/">http://www.gpcet.ac.in/cse_faculty/</a>
8	Humanities and Sciences	<a href="http://www.gpcet.ac.in/faculty/">http://www.gpcet.ac.in/faculty/</a>
9	Masters in Business Administration	<a href="http://www.gpcet.ac.in/mba-faculty/">http://www.gpcet.ac.in/mba-faculty/</a>

**Profile of Vice Chancellor/ Director/ Principal/ Faculty: Principal**

S.No		
1	Name of the Principal	Dr. C Srinivasa Rao
2	Date of Birth	20/07/1980
3	AICTE Unique ID	1-758601026
4	Education Qualifications	M.E.,Ph.D
5	Work Experience	20 years
6	Teaching	20 years
7	Research	-
8	Industry	-
9	Others	-
10	Area of Specialization	Electrical Power Systems
11	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate	Electro Magnetic Fields, Artificial Neural Networks, Transmission & Distribution
12	Diploma Level	
13	Research guidance	4 Research Scholars obtained PhD and 2 Research Scholar are pursing
14	No. of papers published in National/ International Journals/ Conferences	45
15	Master	15
16	Ph.D.	06
17	Projects Carried out	NIL
18	Patents	1
19	Technology Transfer	-
20	Research Publications	45
21	No. of Books published with details	2(Electromagnetic Fields by New age Publishers, India and Electric Circuits



		by Cengage Learning, India
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#### Fee

- ❖ Details of fee, as approved by State Fee Committee, for the Institution: Rs 60900/-
- ❖ Time schedule for payment of fee for the entire programme: Year Wise
- ❖ Number of scholarship offered by the Institution, duration and amount: NIL

#### ❖ Report on Admissions:

##### Under Graduate Program (2024-25)

SN o	Branch	Intake (including 10% EWS)	Admitted under Convenor Quota	Admitted under Management Quota (NRI & Non-NRI)	Total Admitted	% of Admitted Students
1	CIV	36	19	05	24	66.66
2	CSE(AI)	198	141	49	190	95.95
3	CSE	396	282	75	357	90.15
4	ECE	198	142	47	189	95.45
5	EEE	66	44	10	54	81.81
6	MEC	36	17	03	20	55.55
Total		930	645	189	834	89.67

##### Undergraduate Program Boys and Girls Admitted over the years

Academic year	Total Intake (Including EWS)	Total Admitted	% of Admissions	Number of Boys	Number of Girls
2024-25	930	834	89.67	471	363
2023-24	930	880	94.62	485	395
2022-23	924	659	71.32	374	285
2021-22	792	698	88.13	425	273
2020-21	792	687	86.74	419	268
2019-20	660	558	84.54	361	197

## Post Graduate Program (2024-25)

SN o	Branch	Intake (including 10% EWS)	Admitted under Convenor Quota	Admitted under Management Quota	Total Admitted	% of Admitted Students
1	MBA	66	36	18	54	81.81
2	M.Tech (CSE)	20	6	5	11	55.00
3	M.Tech (EPS)	07	3	0	3	42.85
4	M.Tech (DECS)	07	0	0	0	0
Total		100	45	23	68	68.00

## Under Graduate and Post Graduate Boys and Girls over the years

Academic year	Total Intake	Total Admitted	% of Admissions	Number of Boys	Number of Girls
2024-25	1030	902	87.57	498	404
2023-24	1017	951	93.51	513	438
2022-23	1037	729	70.43	413	316
2021-22	806	761	94.41	451	310
2020-21	806	743	92.18	441	302
2019-20	774	667	86.17	407	260
2018-19	774	613	79.19	357	256

## Admission Procedure

### Undergraduate Course (B. Tech):

Admission process is totally under the strict control of APSICHE and according to the guidelines mentioned in the various G.Os released by Andhra Pradesh Government. The seat allocation will be made under 2 categories.

❖ **Category A:** 70% of the total seats are filled thorough APEAMCET conducted by APSICHE.

❖ **Category B:** 15 % of above seats are filled by APSICHE under Category B while remaining 15% of seats are filled by the college Management, as per the guidelines of the APSICHE.

Common entrance tests will be conducted for the students aspiring for UG courses in engineering in Andhra Pradesh. The rank is given by considering 75% weightage for marks obtained in the common entrance test and 25% weightage for marks obtained in the qualifying exam. Seats are allotted through Web counselling conducted by APSICHE for 70% of the seats (Category – A). The students can choose any particular branch of engineering in any of the engineering colleges in the order of their preference. Government allots the seats to the students through on line process based on the merit and rank in EAMCET for UG courses. 10% of the seats will be allocated for the lateral entry students, who will be admitted into II Year B.Tech course after diploma based on ECET rank.

Out of the remaining 30% of the total seats, 15% of the seats are filled by APSICHE under B-Category while remaining 15% of seats are filled by the college Management, as per the guidelines of the APSICHE. This will be

processed by an admission committee in a highly transparent manner and purely based on merit. The college will send the list of admitted candidates along with necessary certificates to APSCH for approval.

#### **Postgraduate Course (M. Tech):**

70% of seats are filled by AP State Council for Higher Education through a state level Common Entrance Test PGECET. The candidates who qualify in PGECET and pass the qualifying examination (B. Tech/BE) will be admitted through common Web based counselling. The candidates having valid GATE scores will be given preference at the time of admission. The remaining 30% seats are filled by the management under "B" Category by the candidates who have passed the qualifying examination with 50% and above marks based on the merit, out of the applications received.

#### **For Post Graduate Courses (MBA):**

70% of seats are filled by AP State Council for Higher Education through a state level Common Entrance Test ICET. The candidates who qualify in the CET and pass the qualifying examination (any degree) will be admitted through common Web based counseling. The remaining 30% seats are filled by the management under "B" Category by the candidates who have passed the qualifying examination with 50% and above marks based on the merit, out of the applications received.

❖ candidates.

### **Information of Infrastructure and Other Resources Available**

#### **National Service Scheme**

NSS unit has been introduced with the approval of the Affiliating University and the following are the various programmes conducted under this unit

- ❖ Blood donation Camps
- ❖ Health camps
- ❖ Village adoption
- ❖ Providing food, clothes and other needs to orphanages, old age homes
- ❖ Serving the people when they suffer from natural calamities like floods, epidemic diseases
- ❖ Tree Plantations
- ❖ Environment Awareness programs
- ❖ Contribution to charitable trusts
- ❖ Providing free water to the commuters during summer.

- ❖ Barrier Free Built Environment for disabled and elderly persons: Yes



❖ **Library**

Number of Library books/ Titles/ Journals available (program-wise)

S.No	Programme	No.of Volumes	No.of Titles	No.of Journals
1	UG	35574	2303	354
2	PG	3212	626	39

❖ List of online National/ International Journals subscribed

The following are the list of Journals subscribed: Taylor & Fransis, JGATE, DELNET

❖ E- Library facilities : Yes

Various facilities are provided to the students through Digital Library in order to access various Journals and NPTEL Videos.

❖ **Laboratory and Workshop**

❖ List of Major Equipment/Facilities in each Laboratory/Workshop

S.No	Name of the course* with Branch	Name of the Laboratory	Equipment	Quantity
1.	<b>B. Tech- Civil Engineering</b>	Concrete Technology Lab	Concrete mixer	1
			Cube Moulds Cast iron	9
			Beam Moulds	6
			Cylindrical Moulds	6
			Slump test apparatus	1
			Compression Testing Machine	1
			Compaction factor	1
			Set of Sieves	2
			Vibration table	1
2.	<b>B. Tech- Civil Engineering</b>	Engineering Geology Lab	Rock Specimens	45No
			Hardness Collection: Set of 9 minerals	1 set

			Lustre Collection: Set of 10 minerals	1 set
			Cleavage collection: Set of 10 minerals	1 Set
			Fracture Collection: Set of 6 minerals	1 set
			Tenacity collection: Set of 4 minerals	1 set
			Specific Gravity:Set of 10 minerals	1 set
			Streak collection: Set of 10 minerals	1 set
			Mineral Specimens	35 No
			Structural Geology Models	6 No
			Transparency	1 set
			Habit Collection	1 set
			Form and Structure	1 set
3.	<b>B. Tech- Civil Engineering</b>	Environmental Engineering Lab	Muffle Furnace	1
			Jar Test Apparatus	1
			BOD Incubator	1
			Digital pH meter	1
			Digital Turbidity meter	1
			Conductivity meter	1
			Hot Air Oven	1
4.	<b>B. Tech- Civil Engineering</b>	Geotechnical Engineering Lab	Liquid limit Apparatus	2
			Plastic limit Apparatus	2
			Sieve Shaker	1
			Core Cutter sets	2
			Sand pouring cylinder	1
			Permeability Apparatus	1
			CBR Apparatus	1
			Direct Shear Apparatus	1

			Vane Shear Apparatus	1
			Unconfined Compression test Apparatus	1
			Universal soil sample Extruder	1
5.	<b>B. Tech- Civil Engineering</b>	Strength of Materials Lab	Universal Testing Machine	1
			Torsion Testing Machine	1
			Impact Testing Machine	1
			Rockwell & Brinell Hardness Machine	1
			Spring Testing Machine	1
			Torsion Testing Machine	1
6.	<b>B. Tech- Civil Engineering</b>	Surveying Lab - 1	Theodolites	5
			Dumpy levels	8
			Plane Table Sets	8
			Prismatic Compass	4
			Total Station	1
7.	<b>B. Tech- Civil Engineering</b>	Transportation Engineering Lab	Ductility Testing Machine	1
			Thickness Gauges	3
			Length Gauges	3
			Los Angeles Abrasion Testing Machine	1
			Bitumen Penetration Test Apparatus	1
			Universal Penetrometer	1
			Ring and Ball Apparatus	1
			Crushing Value Apparatus	1
			Aggregate Impact Apparatus	1

8.	<b>B. Tech – Electrical and Electronics Engineering</b>	Electrical Machines-I lab	1.Rectifier Unit DC	1
			2.DC Shunt Motor Coupled With DC Shunt Generator	2
			3. DC Shunt Motor with Loading Arrangement	2
			4.DC Shunt motor coupled with DC compound Generator	2
			5.DC Compound Motor with loading arrangement	2
			6.DC Shunt Motor coupled with series Generator	1
			7.5HP DC Shunt motor coupled to 3KW Series Generator with base and coupling	1
			8.5HP DC Shunt motor coupled to 3KW Compound Generator with base and coupling	2
			9.3KW DC Shunt Identical machine and coupled with each other with base, coupling	1
			10.3KW DC Series Identical machine and coupled with each other with base coupled	1
9.	<b>B. Tech – Electrical and Electronics Engineering</b>	Electrical Machines-III lab	1.3-ph Squirrel Cage Induction Motor	1
			2.2 KVA Step down Transformers	2
			3.1-ph Auto Transformers	2
			4.3-ph box type Auto Transformer	2
			5.1-ph Scott connection Transformers	2

			6.1-ph Squirrel Cage Induction Motor	1
			7.3-ph Slip ring Induction Motor	1
			8.KEC/Crompton Grave make 3-phase, 5HP, 1500RPM Squirrel Cage Induction motor	1
			9.5HP DC Compound motor with mechanical loading arrangement having Round dial scalar and frictional instrument for torque measurement	1
			10.5HP Auto Synchronous Motor with mechanical loading arrangement	1
			11.3HP/CSCR/1HP Squirrel Cage Induction Motor with BDA	1
			12.DC Shunt Motor coupled to 3-phase, 415V, 1500RPM, 3.5KVA alternator(Non Salient type, fixed on Stator; Armature on Rotor) BFC make 5HP, 220V, 1500RPM	1
			13.5HP DC Shunt motor coupled to 3KVA Synchronous Alternator	1
10.	<b>B. Tech – Electrical and Electronics Engineering</b>	Electrical Circuits and Simulation lab	1.THEVENIN'S & NORTON'S THEOREM KIT	2
			2.SERIES & PARALLEL RESONANCE KIT	1
			3.MAXIMUM POWER TRANSFER THEOREM KIT	2
			4.SUPERPOSITION THEOREM KIT	2



			5.RECIPROCITY THEOREM TRAINER KIT	2
			6.3-phase UPF Watt Meter	1
			7.Bread Boards	10
			8.Regulated DC Power Supply	10
			9.Decade Resistance Box	2
			10.Decade Inductance Box	2
			11.Decade Capacitance Box	2
			12.3 and half digit Digital Multirange Ammeters	10
			13.3 and half digit Digital Multirange Voltmeters	10
11.	<b>B. Tech – Electrical and Electronics Engineering</b>	Control Systems and Simulation lab	1.Linear System Simulator Trainer Kit	1
			2.Synchro Transmitter – Receiver Trainer Kit	1
			3.Micro Processor Based Programmable Logical Controller System	1
			4.DC Servo Motor Characteristics	1
			5.PID Controller Study System Trainer Kit	1
			6.Lead- Lag Compensator Design Trainer Kit	1
			7.Magnetic Amplifier Trainer Kit	1
			8.Ac Servo Motor Characteristics Trainer Kit	1

			9.Simulation Of Transfer Function Using Op-Amp Kit	1
			10.DC Motor-Generator Study Unit	1
12.	<b>B. Tech – Electrical and Electronics Engineering</b>	Power Electronics and Simulation lab	1.SCR,Mostet,Igbt Trainer Kit	1
			2.SCR Firing Circuit Trainer Kit	1
			3.Single Phase Half Controlled Bridge Converter Power Circuit Trainer Kit	1
			4.Single Phase Fully Controlled Bridge Converter Power Circuit Trainer Kit	1
			5.Forced Commutation Circuit Trainer Kit	1
			6.Single Phase Ac Voltage Controller Trainer Kit	1
			7.Single Phase Cyclo Converter Power Circuit Trainer Kit	1
			8.Dc Jones Chopper Power Circuit Trainer Kit	1
			9.Single Phase Series Inverter Power Circuit With Firingcircuit Kit	1
			10.Single Phase Prallel Inveter Power Circuit With Firing Circuit Kit	1
			11.Single Phase Dual Converter Power Circuit With Firing Circuit Module	1
			12.Three Phase Half Controlled Bridge Converter Power Circuit Trainer Kit	1
			13.Oscilloscope	10

			14.MATLAB 9.0 Simulation Software	40(users)
13.	<b>B. Tech – Electrical and Electronics Engineering</b>	Electrical Measurements Lab	1.Single Phase Energy Meter	1
			2.Single Phase Power Factor Meter	1
			3.Three Phase Auto Transformer	1
			4.Single Phase Auto Transformer	1
			5.Single Phase UPF Wattmeter	3
			6.Single Phase Booster Transformer	1
			7.DC Power Supply	1
			8.Three Phase Inductive Load	1
			9.Wire Wound Rheostat	3
			10.Schering Bridge With Accessories	1
			11.Anderson Bridge With Accessories	1
			12.Crompton Potentiometer	1
			13.Industrial Kelvins Double Bridge	1
			14.Spot Reflecting Galvanometer	1
			15.Lvdt Characteristics And Calibration	1
			16.Resistance Strain Gauge-Strain Measurement And Calibration	1
			17.Phase Shifting Transformers	2
			18.Voltage Source	1
			19.Wattmeter UPF 150/300V 5-10A	3

			20.3 - Phase Resistive Load 4.5 KW,6A	1
14.	<b>B. Tech – Electrical and Electronics Engineering</b>	Systems Simulation Lab	I5 Processor,4 GB RAM,250 GB HDD	20
15.	<b>B. Tech – Computer Science and Engineering</b>	Object Oriented Programming Lab	ACER Dual Core Processor, 2 GB Ram, 500 GB HDD 18.5 Monitor	40
			UPS 20KVA	1
16	<b>B. Tech – Computer Science and Engineering</b>	Database Management Systems Laboratory	HP I5 Processor, 4 GB RAM, 320 GB HDD 18.5 Inches Monitor	40
			Open Source Software Java, Winrunner	40
17	<b>B. Tech – Computer Science and Engineering</b>	Software Testing Web Technologies Lab	HP Dual Processor, 4 GB RAM, 500 GB HDD 18.5 Inches Monitor	65
			UPS 20KVA	1
			Open Source Software C Language	65
18	<b>B. Tech – Computer Science and Engineering</b>	CSE Lab	ACER Dual Core Processor, 4 GB Ram, 500 GB HDD 18.5 Monitor	38
			UPS 20KVA	1
			Open Source Software Winrunner And Oracle	38
19	<b>B. Tech – Computer Science and Engineering</b>	Operating System Linux Programming Lab	CORE I5 Processor 4 GB Ram 500 GB HDD Laptops	30
			Open Source Software JAVA	30
20	<b>B. Tech – Computer Science and Engineering</b>	Data Warehousing and Mining Lab	CORE I5 Processor 4 GB Ram 320 GB HDD Laptops	30
			Open Source Software Oracle	30

21	<b>B. Tech – Computer Science and Engineering</b>	Computer Networks and Operating Systems Lab	CORE I5 Processor 16 GB Ram 1 TB HDD Laptops 2GB Graphic	36
			Open Source Software Auto cad	36
22	<b>B. Tech – Computer Science and Engineering</b>	Analysis of Algorithms Lab	CORE I5 Processor 16 GB Ram 500 GB HDD Laptops	37
			UPS 20KVA	1
			Open Source Software Java, Winrunner	37
23	<b>B. Tech – Computer Science and Engineering</b>	Mobile Application Development Lab	HP I5 Processor, 4 GB Ram, 320 GB HDD 18.5 Inches Monitor	40
			Open Source Software Android Studio	40
24.	<b>B. Tech- Electronics and Communication Engineering</b>	Electronic Devices and Circuits Lab	Cathode Ray Oscilloscopes	12
			Function Generators	12
			Digital Multi Meters	10
			Decade Resistance Box	10
			Regulated Power Supply	12
			Digital Voltmeters	24
			Digital Ammeters	24
			PN Diode Characteristics Trainers	2
			Zener Diode Characteristics Trainers	2
			FET Characteristics Trainers	2
			SCR Characteristics Trainers	2
Rheostats	2			
25.	<b>B. Tech- Electronics and</b>	Electronic Circuit Analysis Lab	Cathode Ray Oscilloscopes	12
			Function Generators	12

	<b>Communication Engineering</b>		Regulated Power Supplies	12
			Stabilizer	1
			Digital Voltmeters	24
			Digital Ammeters	24
			Decade Inductance Box	10
			Decade Capacitance Box	10
			Tina Pro	1
			Personal Computers: Intel Pentium 3.0GHz, Dual Core Processor, 2GB RAM, 160GB HDD	12
26.	<b>B. Tech- Electronics and Communication Engineering</b>	Analog Communication Systems Lab	Function Generators 3 MHz	10
			Digital Storage Oscilloscopes	10
			Digital Multimeters	10
			Antenna Measurement System	1
			3GHz Spectrum Analyzer	1
			Digital Oscilloscopes	12
			Function Generators	12
			Amplitude Modulation & Demod.	2
			Diode Detector Characteristics	2
			Frequency Modulation & Demod.	2
			Balanced Modulator	2
			Pre-Emphasis & De-Emphasis	2
			Characteristics of Mixer	2
			Digital Phase Detector	2
			Phased Locked Loop	2

			SSB System	2
			Synchronous Detector	2
			Frequency Synthesizer	2
			Squelch Circuit	2
			AGC Characteristics	2
			AM (Transmitter) Trainer	1
			AM (Receiver) Trainer	1
27.	<b>B. Tech- Electronics and Communication Engineering</b>	IC Applications Lab	40dB Attenuation Pads	10
			Component Development System	10
			Cathode Ray Oscilloscopes	12
			Function Generators	12
			Digital Multi Meters	10
			Digital IC Tester	1
			Linear IC Tester	1
			Analog System Lab Starter Kit	12
			Regulated Power Supply	12
28.	<b>B. Tech- Electronics and Communication Engineering</b>	Digital Communications Systems Lab	Pulse Amplitude Modulation & Demod.	2
			Pulse Width Mod. & Demod.	2
			Pulse Position Mod. & Demod.	2
			Sampling Theorem Verification	2
			Time Division Multiplexing & Demux.	2
			Pulse Code Modulation & Demod.	2
			DPCM Mod. & Demod.	2
			Delta Modulation & Demod.	2

			Frequency Shift Keying	2
			Phase Shift Keying	2
			DPSK Mod. & Demod. Trainers	2
			QPSK Trainer	1
			Personal Computers: Intel Pentium 3.0GHz, Dual Core Processor, 2GB RAM, 160GB HDD	1
29.	<b>B. Tech- Electronics and Communication Engineering</b>	Microprocessors And Microcontrollers Lab	Microprocessor Trainers (8086)	18
			Microcontroller Trainers (8051)	18
			Elevator	2
			Traffic Lights	2
			Analog to Digital Converter	2
			Digital to Analog Converter	2
			Stepper Motor	2
			8279 Study Card	2
			8259 Study Card	2
			8251/53 Study Card	2
			Key board Interface	2
			Elevator Interface	2
			4 digit seven segment LED Display	2
			Dual slope ADC Interface	2
			Dual DAC Interface	2
			Logic Control Interface	2
			Traffic Light Interface	2
			MSP EXP430 G2553 Trainers	35



			MSP EXP430 FR 5969 Trainers	5
			CC3100 Booster Pack	1
			Personal Computers: Intel Pentium 3.0GHz, Dual Core Processor, 2GB RAM, 160GB HDD	34
30.	<b>B. Tech- Electronics and Communication Engineering</b>	Digital Signal Processing Lab	DSP Trainer Kits TMS32C6713	10
			Personal Computers: Intel Pentium 3.0GHz, Dual Core Processor, 2GB RAM, 160GB HDD	35
31.	<b>B. Tech- Electronics and Communication Engineering</b>	VLSI Embedded Systems Lab	Tiva C Series (EK-TM4C123GXL) KITS	10
			FPGA Trainers	5
			CPLD Trainers	5
			Laptops: I5 PROCESSOR, 4 GB RAM, 320 GB HDD	19
32	<b>B. Tech- Electronics and Communication Engineering</b>	Micro wave and Optical Communication s Lab	Klystron Power Supply	4
			Klystron Mount with Tube	4
			Isolator	5
			VSWR Meter	1
			Frequency Meter (Direct)	2
			Frequency Meter (Micro)	1
			Magic Tee	1
			Directional Coupler (20db)	1
			Detector Mount	6
			Tunable Probes	5
			Variable Attenuators	5
			Fixed Attenuator (6db)	1
			GUNN Power Supply	1

		GUNN Oscillator	1
		PIN Modulator	1
		Slotted Section	5
		Matched Termination	10
		Wave Guide Stands	14
		Cooling Fans	6
		BNC to BNC Cable	4
		LASER Trainer (OFT-2023)	1
		AnalogFiber Optic Trainer (OFT-2021)	1
		Digital Fiber Optic Trainer (OFT-2022)	1
		LED Trainer (OFT-2021)	1
		Circulator	1
		Cathode Ray Oscilloscopes 20MHz	2
		Servo Voltage Stabilizer	1
		LASER Diode Transmitter and Receiver	1
		Optical Fiber Transmitter and Receiver	2
		Klystron Tubes	3
		Microwave Diodes	6
		LASER Diode Transmitter and Receiver	1
		OFT Cable 1m	2
		Bench Setup	1
		Short circuits	2
		SS Tuner	2
		Microammeter	3
		E-plane Bend	1

			E-plane Tee	2
			Waveguide Horn Antenna	2
33.	<b>B. Tech- Electronics and Communication Engineering</b>	IoT Lab	UG BUNDLE - 20 users	1
			I5 PROCESSOR, 8 GB RAM, 500 GB HDD	20
			Arduino With Cable	15
			Buzzer	11
			ADXL Sensor	14
			IR Sensor	14
			OLED	13
			Soil Moisture Sensor	13
			Ultrasonic Sensor	13
34.	<b>B. Tech- Electronics and Communication Engineering</b>	Project Lab	Multisim Education 25	1
			NI my DAQ Student Kit	10
			Pitsco my Quake Qty.5	1
			Pitsco my VTOL Qty.5	1
			Pitsco my Temp Qty.5	1
			Emora my DSP Qty.5	1
			4Yrs Academic Site License Teaching Standard Service Program on time renewal	1
			Analog Discovery 2	10
			Scope Probes	10
			BNC Adapter	10
			Analog Devices parts kit 10	10
			Power supply	10
			MYRIO & PITSCO TETRIS	1
			PITSCO Tetriscs Prime	2

			15 PROCESSOR, 4 GB RAM, 320 GB HDD, 18.5 inch Monitor	34
35.	<b>B. Tech- H&amp;S</b>	Engineering Physics	SPECTROMETER	
			TRAVELLING MICROSCOPE	
			STEWART AND GEES APPARATUS	
			TORSION PENDULUM	
			SONOMETER	
			MELDE'S APPARATUS	
			MERCURY LAMP WITH TRANSFORMER KIT	
			SODIUM VAPOUR LAMP WITH TRANSFORMER KIT	
			ENERGY GAP OF P-N JUNCTION DIODE	
			LASER SOURCES	
			DIFFRACTION GRATINGS	
			OPTICAL FIBER KITS	
			B-H CURVE	
			SINGLE SLIT	
			DOUBLE SLIT	
			FLY WHEEL	
			POISSONS RATIO	
			DETERMINATION OF ULTRASONIC VELOCITY	
STRAIN GAUGE				
ANDERSONS BRIDGE				
FOUR PROBE METHOD				
MEASUREMENT OF RESISTANCE WITH VARYING TEMPERATURE				

			SPRING CONSTANT
			BATTERY ELIMINATORS
			RHEOSTATS
			AMMETERS
			STOP CLOCKS ANALOG
			STOP CLOCKS DIGITAL
			PRISMS
			READING LENS
			NEWTON RINGS LENS
			VIBRATING COILS
			PLUG KEY AND COMMUTATOR
			DEFLECTION MAGNETO METER
			MULTIMETER DIGITAL
			SLOTTED WEIGHTS
			VERNIER CALLIPER 15CM
			SCREW GAUGE
			SPIRIT LEVEL
			EYE PIECES
			RETARD STANDS
36.	<b>B. Tech- H&amp;S</b>	Engineering Chemistry Lab	AMMONIUM FERROUS SULPHATE 500GMS
			POTASSIUM DICHROMATE 500GMS
			DIPHENYL AMINE 500GMS
			SODIUM THIO SULPHATE 500GMS
			POTASSIUM IODIDE 500GMS
			STARCH 500GMS

		SODIUM BICARBONATE 500GMS
		CUPRIC SULPHATE 500GMS
		AMMONIUM CHLORIDE 500GMS
		DISODIUM SALT OF EDTA 500GMS
		CALCIUM CARBONATE 500GMS
		AMMONIUM THIOSYANATE 500GMS
		OXALIC ACID 500GMS
		SODIUM HYDROXIDE PELLETS 500GMS
		BENZOIC ACID 500GMS
		UREA 500GMS
		SODIUM AZIDE 100GMS
		MANGANOUS SULPHATE 500GMS
		POTASSIUM PERMANGANATE 500GMS
		PHOSPHORIC ACID 500ML
		PARAFFIN LIQUID 500ML
		REAGENT BOTTLES 5 LITRES
		REAGENT BOTTLES 2.5 LITRES
		REAGENT BOTTLES 500 ML
		REAGENT BOTTLES 250 ML
		ANALYTICAL BALANCE
		BURETTE STAND WITH CLAMPS

			GLASS RODS
			SPATULAS
			THERMOMETERS 360
			CONDUCTIVITY METER
			BURETTES
			MEASURING CYLINDER 500ML,100ML,25ML
			FUNNELS
			TEST TUBES
			BEAKERS 500ML
			BEAKERS250ML
			BEAKERS 100ML
			BOILING TEST TUBES
			PIPETTES 20ML
			PILLARS
			STANDARD FLASK1000ML
			STANDARD FLASK 100 ML
			CONICAL FLASK 250ML
			TEST TUBE BRUSHES
			HEATING MANTLE
			ELECTRONIC WEIGHING BALANCE
			ANALYTICAL WEIGHING BOX
			GLAZED TILES
			TESTTUBE STANDS
			REDWOOD VISCOMETER-II
			TRIPOD STAND
			WEIGHING BOTTLES
			TEST TUBE HOLDERS

			WATCH GLASSES	
			FILTER PAPER SHEETS	
			CONICAL FLASK 50ML	
			MICRO BURETTE	
			BOD BOTTLES	
			PH METER	
			PIPPETS 5 ML 2 ML	
			POTENTIO METER	
			PHOTO COLORI METER	
			DIGITAL CONDUCTOMETER	
37.	<b>B.Tech- Mechanical Engineering</b>	Fluid Mechanics and Hydraulic Machinery Lab	VENTURIMETER AND ORIFICE METER SET UP	1
			SMALL ORIFICE & AN EXTERNAL MOUTH PIECE SET UP	1
			CONTRACTED RECTANGULAR NOTCH AND / OR TRIANGULAR NOTCH SET UP	1
			LOSS OF HEAD IN A SUDDEN CONTRACTION SET UP	1
			FRICTION FACTOR FOR A GIVEN PIPE SET UP	1
			VERIFICATION OF BERNOULLI'S EQUATION SET UP	1
			IMPACT OF JET ON VANES SET UP	1
			8.PELTON WHEEL TURBINE	1
			SINGLE STAGE CENTRIFUGAL PUMP	1
			RECIPROCATING PUMP	1
			MULTI STAGE CENTRIFUGAL PUMP	1



			STOP WATCHES	5
			TACHOMETER	1
38.	<b>B.Tech- Mechanical Engineering</b>	Engineering Workshop	CARPENTRY BENCHWISE	2
			FITTING BENCH WISE (6)	6
			HACK SAW BLADES 2 PACKETS	2
			SCREW DRIVERS (10)	10
			TESTERS(10)	10
			SCREWS(100)	100
			BULBS(12)	12
			ELECTRODES 3 PACKETS	3
			SMALL CUTTERS(6)	6
			WIRE CUTTERS	3
			WELDING GOOGLES	4
			WELDING BRUSHES(8)	8
			HAND SAW(7)	7
			JACK PLANE(10)	10
			NYLON HAMMERS(08)	08
			WOODEN MALLET	2
			HACK SAW FRAME(7)	7
			TRY SQUARE BIG (7)	7
			TRY SQUARE SMALL(7)	
			WOOD RASP FILE(12)	12
			½ " FIRMER CHISEL (15)	15
			¼" FIRMER CHISEL (08)	8
			BALL PEEN HAMMER	1
			FLAT ROUGH FILE(15)	15
			TRIANGULAR FILE(7)	7
			HAND DRILL MACHINE	1
			SQUARE FILES(8)	8
			SNIP GUAGES BIG	4

			SNIP GUAGES SMALL NOSE PLAYER(5) STEEL RULES(08)	
			CHIPPING HAMMER (10)	10
			PINCER(8) DOT PUNCH(5)	8
39.	<b>B.Tech-Mechanical Engineering</b>	Material Science Lab / Mechanics of Solids Lab	MUFFEL FURNACE WITH DIGITAL TIMER	1
			DRY AND WET LINSHER BELT SURFACE GRINDER	2
			JOMNEY END QUENCHING APPRATUS	1
			METALLOGRAPHIC DISC POLISHING MACHINE	2
			INVERTED TRINOCULR METALLURGICAL MICROSCOPE	2
			SS FIXTURE FOR JOMNEY MOULDS	1
			SPECIAL TONG	1
40.	<b>B.Tech-Mechanical Engineering</b>	Manufacturing Technology Lab	FLY PRESS	1
			HYDRAULIC PIPE BENDING MACHINE WITH DIE SET	1
			PERMEABILITY TESTER	1
			SAND RAMMER	1
			UNIVERSAL SAND STRENGTH MACHINE	1
			ELECTRONIC WEIGHING MACHINE	1
			MOULD BOX	2
			FOUNDRY TOOLS	6
			SHOVELS	1
			WOODEN PATTERN	2

			MUFFLE FURNACE	1
			ARC WELDING MACHINE	1
			SPOT WELDING MACHINE	1
			TIG WELDING	1
			WOOD WORKING TOOLS	1
			WOOD TURNING LATHE	1
41.	<b>B.Tech-Mechanical Engineering</b>	Heat transfer Lab	HEAT TRANSFER BY CONCENTRIC SPHERE	1
			NATURAL CONVECTION APPARATUS	1
			FORCED CONVECTION APPARATUS	1
			EMISSIVITY MEASUREMENT OF RADIATING SURFACES	1
			THERMAL CONDUCTIVITY OF METAL ROD	1
			PIN-FIN APPARATUS	1
			PARALLEL AND COUNTER FLOW HEAT EXCHANGER.	1
			DROP AND FILM WISE CONDENSATION APPARATUS	1
			CRITICAL HEAT FLUX APPARATUS.	1
			COMPOSITE SLAB APPARATUS	1
			STEFAN BOLTZMANN APPARATUS.	1
			STOP WATCHES(2 NO'S)	2
42.	<b>B.Tech-Mechanical Engineering</b>	Thermal Engineering Lab	VARIABLE COMPRESSION RATIO OF PETROL ENGINE	1
			SINGLE CYLINDER	1

			DIESEL ENGINE	
			TWIN CYLINDER DIESEL ENGINE	1
			4 – CYLINDER FOUR STROKE PETROL ENGINE	1
			AIR COMPRESSOR TEST RIG	1
			SINGLE CYLINDER TWO STROKE PETROL ENGINE	1
			4 – STROKE DIESEL ENGINE CUT SECTION	1
			TWO STROKE PETROL ENGINE CUT SECTION	1
			STOP WATCHES	4
43.	<b>B.Tech-Mechanical Engineering</b>	Metrology Lab Machine Tools Lab	MICROMETERS	1
			DEPTH MICROMETERS	1
			VERNIER CALLIPERS	1
			SPIRIT LEVEL	1
			TOOL MAKERS MICROSCOPE	1
			SCREW PITCH GAUGE	1
			BEVEL PROTRACTOR	1
			SINE BAR	1
			SLIP GAUGES	1
			SURFACE PLATE WITH STAND	1
			PRESSURE GAUGE	1
			DIAL BORE GAUGE	1
			SURFACE ROUGHNESS TESTER	1
			SPEEDOMETER	1
			ROTA METER SETUP	1
			PHOTO AND MAGNETIC SPEED PICK UPS	1
			4.5 " LATHE MACHINE	3

			RADIAL DRILLING MACHINE 1 1/2"	1
			SURFACE GRINDING MACHINE 18"	1
			SHAPING MACHINE 12"	1
			SLOTING MACHINE 6"	1
			MILLING MACHINE	1
			BENCH GRINDER 8"	1
			TOOL AND CUTTER GRINDER	1
44.	<b>B.Tech-Mechanical Engineering</b>	CAD/CAM Lab	XLTURN CNC LATHE MACHINE	1
			XLTURN CNC MILLING MACHINE	1
			NO. OF COMPUTERS :30	30
45.	<b>B.Tech-Mechanical Engineering</b>	FITTING LAB	HACKSAW FRAME	5
			FITTING BENCH WISE	6
			HACK SAW BLADES	2
			SCREW DRIVERS	5
			TESTERS	5
			WELDING MACHINES	1
			ELECTRODES	2
			SMALL CUTTERS	3
			WIRE CUTTERS	2
			WELDING BRUSHES	4
			HAND SAW	5
			JACK PLANE	5
			¼" FIRMER CHISEL	8
			BALL PEEN HAMMER	1
			CARPENTARY BENCH WISE	2

❖ **Computing Facilities**

1	Internet Bandwidth	300 Mbps
2	Number and configuration of System	710
3	Total number of system connected by LAN	590
4	Total number of system connected by WAN	-
5	Major software packages available	MATLAB, CADENCE, LABVIEW
6	Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)	Yes
7	Facilities for conduct of classes/courses in online mode (Theory & Practical)	Yes
8	Innovation Cell	Yes
9	Social Media Cell	Yes

#### ❖ List of facilities available

##### Games and Sports Facilities

Sport is an integral part of the curriculum. Various sports facilities are provided to the students within the campus. The college is committed to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as Inter departmental, Inter collegiate, Inter University, etc help in developing team spirit in students. Their interpersonal relationship is enhanced in a very healthy manner. Students are provided with honors like medals, trophies and certificates.



##### Outdoor Games:

A play ground is available for outdoor games like Cricket, Volley ball, Tennicoit, Throw ball, Foot ball, and basket ball courts are available.

##### Indoor Games:

Facilities for the indoor games like Chess, Caroms etc, are provided to students on the college campus. A new indoor stadium is under construction to provide Table tennis, Badminton, and well equipped gymnasium



### ❖ **Extra-Curricular Activities**

The College also encourages the students to participate in various cultural and literary activities and make the students excel in their fields of interest. The various clubs are:

- ❖ **Samskrithi**- This forum aims at inculcating moral, spiritual and ethical values among the students by conducting various events.
- ❖ **Kalanjali**- This is the club that explores talents in fine arts among the students by conducting various activities in music, dance, singing, literature.
- ❖ **Robotics**- This club ensures that a student learns the skills ranging from electronics, mechanics, controls, and programming. It helps the students to inculcate the habit of thinking of technology in a practical manner.
- ❖ **Anveshana**- It is an innovative research and development unit which explores the depth of technology. The R & D club of the college has indeed played a major role in bringing out various innovative models developed by the institute.
- ❖ **English club 'Virtuoso'**- This club will create an English environment and enables the student to express their creativity in English. It aims at personality development and trains the students and prepares them to take part in all activities.
- ❖ **C-club**- The motto of having fun and knowledge in C programming language has initiated to start the club and the students are encouraged to write various programs in 'C' under various competitions.

### ❖ **Soft Skill Development Facilities**

#### ➤ **CM's SKILL EXCELLENCE CENTER: ICT Lab**

G. Pullaiah College of Engineering & Technology has been recognized as CM's Skill Excellence Center (CM's SEC) by APSSDC, Govt. of Andhra Pradesh. The lab has been set up with the support from APSSDC with necessary laptops and infrastructure.

**"CM's Skill Excellence Center: ICT Lab"** is the college-level skill development

center connected with APSSDC over Internet, where local students can access and learn out of the interactive digital courseware, online programs, hands-on training, offline Workshops and global certification programs.

❖ **Teaching Learning Process**

- Curricula and syllabus for each of the Programmes as approved by the University
- Academic Calendar of the University
- Academic Time Table with the name of the Faculty members handling the Course
- Teaching Load of each Faculty
- Internal Continuous Evaluation System and place
- Student's assessment of Faculty, System in place

**The entire details regarding the above aspects has been placed in the college website [www.gpcet.ac.in](http://www.gpcet.ac.in)**

- ❖ Industry Linkage: Institution is tied up with various industries to impart training to students, technology transfer, Entrepreneurship activities etc
- ❖ MoUs with Industries (minimum 3): Edu skills Foundation, SAILO Tech, MAD Blocks APSSDC, NRDC, WIPRO 3D.