SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY

PSCMRCET, RAGHAVAREDDY STREET, KOTHAPETA, VIJAYAWADA. 520001

www.pscmr.ac.in

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology (PSCMRCET) was established in the year 2008, under the aegis of Sri Kanyaka Parameswari Vissamsetti Venkataratnam Hindu High Schools Committee (SKPVVHHSC) established in 1906, by a group of philanthropists belonging to Vijayawada. PSCMR College of Engineering and Technology offers B.Tech, MBA, and Diploma courses.

Spread over a sprawling campus in one town locality in the heart of Vijayawada city with aesthetically designed buildings, the college has become a source of inspiration for the students. The facilities are ultra-modern with state-of-the-art equipment. The highly talented and dedicated teaching faculty is the hallmark of the college. The students are chiselled in their hands for a bright professional life. Spacious computer labs, lecture halls, beautiful lawns, seminar halls, Language Learning Lounge (LLL), and a library ensure the students a glorious time in the college.

PSCMR College of Engineering and Technology has become synonymous with ultra-modern learning and the best placements. In a short period, the college has emerged as one of the prestigious educational institutions in this location. Students from all parts of the state are ambitious to see themselves in this institution.

With the best teaching faculties available on campus, inspiration for students is just a lecture away. The faculty members are the driving force for the students' excellence and inspiration to learn and carve out the best careers in their lives. The faculty is assigned numerous duties to transform students into future engineers and managers. The faculty with their diversified backgrounds help students gain a wider perspective of the world. They share a distinctive relationship with students which is characterized by openness, approachability, and warmth.

Vision

To make a significant contribution to the evolution of a highly advanced technological society with profound human values by nurturing students with unparalleled expertise and a high sense of ethics.

Mission

To offer high-quality professional education and training blended into a high sense of discipline and ethics to shape the students and people who can play an effective role in the development of a knowledge society and thereby strive to bring the light into the lives around them with a human outlook.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- SKPVV Hindu High Schools Committee (Parent Committee) has had a rich legacy in the field of

education since 1906.

- Dynamic and visionary management Committee of PSMCRCET Strategically located in one town area in the heart of Vijayawada city.
- Good governance is driven by the expertise and wisdom of eminent personalities from academia and industry serving on the board of Governing Body.
- Academic excellence is exemplified by qualified, competent, and committed faculty members. Infrastructure meets the academic research and student support needs. The college is second to none with state-of-the-art laboratories, a well-equipped library, and universal access to a Wi-Fi facility.
- Financial sustainability and administrative autonomy support the continued growth of the institution.
- An equipped training and placement cell with highly competitive and dedicated faculty to impart CRT to the students from II year onwards to make them employable. More than 60 per cent of students are placed in reputed organizations like Oracle, TCS, Wipro, Glenwood Systems, HCL, Cyient, Deloitte, and others.
- The College is identified as a "Knowledge Centre" in the Krishna district of Andhra Pradesh by IIT Bombay – NMEICT, MHRD, Government of India for implementing spoken tutorial software training in other institutions in the district. Apart from this, the college is considered a "The Centre of Excellence by ESDA, New Delhi.
- The college has a Memorandum of Understanding (MoU) with various organizations that included BSNL, Intel Corp, and Kochi-based business incubator "Startup Village"
- Two laboratories are specially established by the college in collaboration with Eurth Technologies and H Bots Robotics Pvt. Ltd. The students are involved to carry out industry-specific IoT and robotics-related projects in these laboratories. In-house faculty members will act as mentors along with the experts from the respective organizations stationed on the campus.

Institutional Weakness

- Limited and no scope for starting new programs due to the prevailing regulations of UGC and MHRD.
- Lack of funding from national organizations for nurturing advanced research. The industry–institution interface can be enhanced further.
- The college could not utilize the potential to the fullest extent in terms of research and development. Lack of structured entrepreneurship promotional activities on the campus.
- Participation of alumni in the overall development of the college is less.

Institutional Opportunity

- The college can emerge as a role model in the fields of engineering and management education by adopting the best pedagogical tools.
- The college management committee enjoys a strong relationship with the local entrepreneurs and is leveraging the same towards realizing the objectives and the characteristics expected of a higher educational institution.
- The rich experience and diversity of the sponsoring SKPVV Hindu High Schools committee can help the college in moving forward in establishing programs, facilities, and resources without much delay. The strong alumni base of the college can be involved to contribute to the institution toward excellence and help in the journey of being listed among one of the best colleges in the state.
- Taking the socio-economic background of the student community there is a scope to focus on pedagogy for the seamless transfer of knowledge from the faculty to the students.

- There is ample scope for starting a Masters's Programme in Engineering as a good number of teachers possess research qualifications and are also engaged in quality research work.

Institutional Challenge

- Ensuring the quality of the faculty by attracting competent manpower who are willing to take an academic career path.
- The institution is not able to pursue cutting-edge research due to limited resource funding from national funding agencies.
- There is a need for change in strategies and processes for improving the results of the students.
- Urgent measures are needed to review the course content to make them relevant to the present-day industry requirements.
- Poor schooling of the students and lack of basic knowledge on some subjects create a problem in the progress of the curriculum
- Enhancing the communication and employability skills of the students has become a major challenge in the present-day industry requirements.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

PSCMRCET follows JNTUK, Kakinada curriculum as our college is affiliated with it. Based on the University Academic Calendar, the college prepares academic calendars year-wise, followed meticulously. Mid-term and Semester End Examinations are conducted as per the schedule given by the University. The college is well equipped with smart classrooms, spacious and state-of-the-art computer labs, and audio-visual and other ICT facilities which make the delivery of the curriculum attractive and easier to students. Apart from the regular curriculum, Certification Programs are conducted to make students industry ready. From 2017 to 2021, 124 Certification Programs were conducted for students of various branches of engineering. This facilitated them to acquire new skills. The college has various professional bodies like CSI, IETE, IEI, IEEE, etc. in which students become active members from their II Year.

The college integrates and promotes cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability by conducting various activities on and off the campus for their holistic development.

The project works, Industrial Visits and Internships are implemented as a part of the curriculum for enriching the learning experience of students. In the year 2021-2022, 227 Project works, 17 Industrial Visits and 25 Internships were done by students which helped them get exposed to the outer world. Our programs are offered and operated with strong linkages to the workplace and inculcate a sense of service in our students and create future leaders.

Our feedback mechanism has established the credibility of the system, infused confidence among both faculty and students, increased active participation by motivated persons, improved mutual trust and given a fillip to the educational commitment
and optimism.

Teaching-learning and Evaluation

PSCMRCET is well responsive to the reality that the students come from diverse backgrounds with different learning capabilities. The institution identifies the need to present the latest tools, particularly in view of the present generation of students who are natives of technology. According to Andhra Pradesh Government regulations, the admissions procedure is conducted through the AP-EAPCET, AP-ECET for UG and GATE, AP-PGECET and AP-ICET for PG as per Government norms. The Institute maintains a respectable enrollment rate of 85.63 and a respectable reserved category proportion of 84.

The institute has well-qualified and experienced faculty. The Student-Faculty ratio is maintained as per norms. The Institute keeps the Faculty-Student ratio of 1:14. Faculty prepares the teaching timetables as per JNTUK academic calendar.

The faculty maintains a course file that includes a copy of the syllabus, course objectives, outcomes, notes, question papers with keys, sample answers and assignment scripts and attainments. The Chalk and Talk methods, PPTs, NPTEL Videos, Workshops, Guest lectures by experts from various areas, Flipped Classrooms and ICT Resources are all used in the teaching-learning process to help students better understand. In spite of regular teaching-learning methods, the institute conducts different activities beyond the syllabus plan like Mini Project Development, Project Exhibition, Best field work competition etc., The institute has a practice of classifying additional learning capabilities of the students. Remedial and Tutorial classes are conducted for slow learners.

Advanced learners are provided training for GATE, competitive examinations and additional training sessions on cutting-edge technology. An apparent system is used for conducting examinations and evaluation processes. 91% pass percentage has been maintained for the last five years. All academic, co-curricular, and extracurricular activities are monitored by the Institute's IQAC, which is supported by senior faculty members. It also makes sure to give faculty members and students all the support they need to improve teaching and learning.

Research, Innovations and Extension

The institute has received 79.28 lakhs funds during 2017-18 to 2021-22 from AICTE, HRT builders, Micro links information Technologies etc; Principal investigators are provided with necessary instructional facilities and resources.

The institute has a good ecosystem for providing innovation in the Teaching & Learning process by conducting various active learning methods, model-based learning etc; which helps in the quick transfer of knowledge.

In support of the Teaching-Learning process, 55 National Seminars / Conferences / Workshops on Research methodology, IPR and Entrepreneurship have been conducted during the last 5 years.

The institute has a well-structured policy for research promotion. So, there is a significant boost in the number of publications over the last five years leading to a number of 634 publications in reputed journals & 2.13% of faculty have participated in various National & International conferences.

All the departments are actively involved in activities of various wings of the institute which undertake

extension & outreach activities like social awareness, blood donation camps, and gender sensitization programs throughout the year as per systematic plans.

The institute has several collaborations with organisations and institutes of National & International repute for its holistic growth. In total institute has 66 MoUs with academic organisations and industries like GARUDALYTICS PVT LTD, Code tantra, APSSDC UiPath Academic Alliance etc.

Infrastructure and Learning Resources

The college has built an impressive state-of-the-art infrastructure in the last ten years. Through this, the institution strives to provide ample opportunities for the student's academic, well-being, and cultural growth. The college has 43 spacious, ventilated, and well-furnished classrooms,33 well-equipped and well-maintained laboratories, and Seminar Halls. The college also entered into MOU with Earth-Techtronic, a Vijayawada-Based LED manufacturing company to conduct research in IoT, Nano Satellite, and Aqua-related projects. More than 25% of expenditure excluding the salary component is utilized for infrastructure during the assessment period.

Central Library offers its users various types of information services such as 'Web Based Current Awareness Services', 'Web OPAC', 'Newspaper Clippings', and Digital Library for Digital Collections Seminar & Conference Alerts. Reference/Bibliographical Services. Book Bank Scheme privileges for Reserved Category students (SC students). The Library comprises 7 sections namely lending, circulation, reading, reference, Reprography, Stack Area, and digital library sections. Barcode Technology is used in transactions. The Library has registered membership with J-GATE, N-DIGITAL ONLINE, DEL-NET, and MAT-E-JOURNALS to extend its services by providing e-resources to staff and students.

The college aims at providing futuristic facilities to the students to make them utilize the resources in the best possible manner. The computer laboratories are relocated to new premises to be under one roof. The laboratories at the new location have cutting-edge facilities with a very impressive ambience. The Student-Computer ratio has been 2.77 for the past 5 years. At present, a total of 827 computers were available for students. More than 30% is utilized to maintain academic and physical facilities.

Student Support and Progression

PSCMR College of Engineering and Technology shows the utmost concern for the overall development and progression of the students.

Every year Induction Program is organized as per JNTUK guidelines for 1st-year students before the commencement of the semester, which includes different modules like awareness of university regulations, attendance, credits, campus rules and regulations, best practices, Anti-ragging, Anti-drug, Grievance Redressal Committee, ICC, Health, Yoga, career opportunities, and certification programs to make the students acquainted with the institution and its surroundings.

Services like guidance on government and nongovernment scholarships, PUSTAK PRADA (PSCMR scholarships), bridge courses, life skills, yoga, ICT programs, tutorials, makeup classes, and basic foundational skill programmes for slow learners and advanced skill-based certification programmes for fast learners are provided on the campus. The institute recognises and encourages meritorious students with rewards, and overall

toppers are felicitated with gold medals, cash prizes and scholarships.73.3 per cent of students benefited from scholarships and freeships provided by the Government and Non-Government agencies during the last five years.

Institute provides information about competitive examinations and offers career counselling, soft skills training, and entrepreneurial skills through eminent resource persons to enhance the employable & career opportunity for the students. 67.86 Percentage of students benefitted from guidance for competitive examinations and career counselling offered by the Institution during the last five years. 61.36 Percentage of attended students qualified in state/national/ international level examinations during the last five years.

Students in the second year are trained on ICT tools, online courses such as MOOCs, SWAYAM, IIT Bombay Spoken tutorials, NPTEL courses, and various add-on programs. They get an opportunity of becoming members of different professional bodies like CSI, IETE, IEI, IEEE, etc. The institution conducts various literary, extracurricular, games, and sports activities as part of various celebrations, like National Day, Annual Day, Sports Day, and Techno-Cultural Fests. More than 100 students are received awards in sports and cultural competitions. Alumni play a crucial role in raising awareness of the latest industry trends and how additional training programmes can be tuned to meet the industry's needs through the PAW association.

Governance, Leadership and Management

The institution aims to impart quality engineering education to the students and strives to achieve excellence with the help of the suggestions given by the members of the Governing Body. Eminent personalities from industries are regularly invited to the campus to prepare the students for immediate employment by enriching their skills, promoting education, developing entrepreneurial skills, and building good industry-institute interaction. The institute provides different welfare measures to the teaching and non-teaching staff, like group insurance, PF, ESI, maternity leaves, accessible bus facilities, and a concession in fees for the staff of children studying in SKPVV institutions. During the last 5 years, the Institute has organised 46 FDPs and given financial support to nearly 35% of the faculty to attend FDPs, workshops, and different professional memberships. Financial audits are done to see that there is discipline and transparency. Internal and external audits are conducted regularly to monitor the mobilization and optimal utilization of the resources. The institute has received recognitions like ISO, NBA, and NAAC and has also participated in NIRF. IQAC conducts periodic audits to identify gaps and recommends various measures to be implemented to improve academic and administrative quality.

Institutional Values and Best Practices

he Institution initiated more programs for the promotion of gender equity and also celebrates all the National and International commemorative days and festivals.
The institution is very conscious about Energy saving and the Environment and did audits such as the Green audit, Energy audit and Environment audit. The Institution has enormous respect for Human values and Professional ethics and is continuously conducting several events to provide an inclusive environment on campus. The   Institution identified two best practices viz., "Bodhana-Sadhana-Praveenya" and "Scan & Learn" which would benefit students in different areas. Bodhana-Sadhana-Praveenya is established by entering into MoUs with government and non-government agencies and with various academic institutions to undergo training programs, take up certifications programmes, and pursue project work & internships. "Scan and Learn" provides an online facility for both students and faculty to access digital content like e-books, e-journals and

etc. The performance and activities of students are monitored and advised at various levels by a mentoring system. The institution is distinctive in providing quality education to all students by incorporating technology, research orientation, skill up-gradation, and societal development methods.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	PSCMRCET, Raghavareddy Street, Kothapeta, Vijayawada.
City	Vijayawada
State	Andhra Pradesh
Pin	520001
Website	www.pscmr.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	J Lakshmi Narayana	0866-2423442	8977788844	0866-242344 2	principal@pscmr.a c.in
IQAC / CIQA coordinator	A Pathanjali Sastri	0866-6461777	9848409689	0866-646177 7	cse.hod@pscmr.ac. in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	27-05-2017	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	07-07-2022	12	Extension for this academic year

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	PSCMRCET, Raghavareddy Street, Kothapeta, Vijayawada.	Urban	5.05	20436.62

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)

Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Electronics And Communications Engineering	48	Intermediate	English	180	180
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	60	17
PG	Mtech,Computer Science And Engineering	24	B.Tech	English	18	0

PG	MBA,Management Studies	24	UG	English	180	120

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				13				25				95
Recruited	10	3	0	13	16	9	0	25	43	52	0	95
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				70
Recruited	28	42	0	70
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				29
Recruited	10	0	0	10
Yet to Recruit				19

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	10	3	0	5	1	0	0	0	0	19
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	11	8	0	43	52	0	114
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	235	0	0	0	235
	Female	205	0	0	0	205
	Others	0	0	0	0	0
PG	Male	60	0	0	0	60
	Female	83	0	0	0	83
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	33	45	52	42
	Female	34	31	25	36
	Others	0	0	0	0
ST	Male	14	14	24	15
	Female	15	16	12	21
	Others	0	0	0	0
OBC	Male	91	118	105	104
	Female	95	105	96	102
	Others	0	0	0	0
General	Male	145	147	129	115
	Female	133	151	109	109
	Others	0	0	0	0
Others	Male	12	11	13	11
	Female	11	12	12	11
	Others	0	0	0	0
Total		583	650	577	566

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The vision of the National Education Policy is to provide quality education on global standards with diversity for all curricula and pedagogy with Technological Innovations in Teaching Learning Process. To develop the all-around capacities of the students, the college is planning to set up short-term and vocational courses. The aim is to make the students equipped so that they don't need to rely on Government jobs but instead pave the way towards self-employment. As the College is preparing itself to have more multi-disciplinary subjects it tries to identify the program learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each program achieves its goal.
2. Academic bank of credits (ABC):	The institution's preparedness in the implementation of the Academic Bank of Credits depends upon the guidelines of the affiliated university JNTU. The pedagogical approach of the institution is student-centric whereas the faculty's pedagogical approaches are constructivist,inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Student's learning outcome.
3. Skill development:	The Institution is already conducting the skill courses as designed by the affiliating university from Semesters 3 to 6 in various programs. For the employability of students, the college has already been running courses such as Soft Skill& Personality Development, etc. Proper synergy is the need between skill development and industry and vocational education, with mainstream education for this, proper labs should be set up in the college and the said work has already started creating such lab structures in the college itself.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Preservation and promotion of languages are one of the targets of the College in the future, through discussions/interactions/symposiums, etc in local languages will fetch extra credit to the student. These changes will also increase employability opportunities. Frequent field trips to local heritage sites/museums shall value their culture and traditions. This will boost the tourism sector and Create awareness among students.HED needs to identify a foreign university and sign MOU for the exchange of

	credits between foreign universities and colleges.
5. Focus on Outcome based education (OBE):	The PSCMR College also makes an effort to understand that the pursuit of knowledge is a life-long activity and to acquire a positive attitude and other qualities will lead students to a successful life. To interpret, analyze, evaluate and develop responsibility and effective citizenship is one of the program outcomes of the student's Variety of approaches to teaching Learning processes like lectures, seminars, tutorials/workshops/practical and project-based learning fieldwork,technology-enabled learning internships and apprenticeship and research work is suggested.
6. Distance education/online education:	This institution is already prepared for online education, especially during the COVID-19 pandemic situation, the various technological tools used by the faculties are Google Classroom, Zoom using videos as teaching and learning aids, Group collaboration, and interaction and assignment and revision, as well as assessments, have been conducted, are some of the institutional efforts towards blended learning and to meet the future challenges.

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Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2289	2194	2153	1905	2291

File Description	Document
Upload supporting document	[View Document]()
Institutional data in the prescribed format	[View Document]()

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 94

File Description	Document
Institutional data in the prescribed format	[View Document]()

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
162	124	124	113	163

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
642.88	572.99	758.99	894.49	832.54

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology, affiliated with JNTUK, Kakinada follows the curriculum prescribed by the University. This curriculum is revised periodically by the University Board of Studies. The university publishes the academic calendar for both semesters. The university academic calendar focuses on the date of commencement of the class work, and the number of instructional weeks per mid-term syllabus including the mid-term examination schedule and semester-end examination schedule.

The Internal Quality Assurance Cell (IQAC) monitors the effective delivery of the curriculum through a well-planned and documented process. It passes on suggestions to the College Development Committee (CDC) which comprises members of the Management, all the HoDs and Section Heads as its members are headed by the Principal.

Based on the academic calendar of the university, the Timetable Committee headed by the Principal and a senior Faculty Member from each department draws up a detailed timetable which efficiently deploys the units of time for academic and co-curricular purposes as for example, theory, practical, tutorial, Sports, value education and add-on classes thereby ensuring a balance between the different types of engagement a student is expected to participate in.

Based on the courses allotted, the faculty members prepare and document a detailed teaching plan and notes in compliance with the academic calendar. They meticulously record their day-wise teaching in the provision given in the attendance register which is checked by the H.o.D concerned once a fortnight.

IQAC also regularly monitors the progress of the teaching-learning process. It enables faculty to efficiently use EdTech tools for innovative teaching. Mentoring system is stringently followed to enhance the academic performance of students. The holistic performance of the student is continually monitored and guided.

Principal's meetings and Parents' meetings are other forums where the progress of the delivery of the curriculum is regularly monitored and necessary modifications are initiated. IQAC considers the feedback of students, faculty & parents for the best practices.

The institution strictly follows the University academic calendar in the conduct of Mid Exams. The timetable for the Mid exams is displayed in advance. The internal examination-related activities like the evaluation of the answer scripts, posting of marks in the portal and display of marks on the notice board for students are implemented in a systematic and time-bound way, strictly adhering to the university academic calendar.

The college is well equipped with smart classrooms, spacious and state-of-the-art computer labs, and audio-visual and other ICT facilities which are extensively used by faculty in day-to-day teaching to make the delivery of the curriculum attractive and easier to students. A good voluminous library with updated resources enhances the learning environment. Interactive teaching is promoted through students' participation in group discussions, quizzes and seminars. Special lectures delivered by eminent resource persons on topics related to the curriculum further intensify students' learning experience.

File Description	Document
Upload Additional information	[View Document]
Provide Link for Additional information	[View Document]

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 124

File Description	Document
Upload supporting document	[View Document]
Institutional data in the prescribed format	[View Document]

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 94.97

1.2.2.1 **Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2619	1636	1860	1881	2291

File Description	Document
Upload supporting document	[View Document]
Institutional data in the prescribed format	[View Document]

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology believes in promoting an inclusive value-based educational community. So, it integrates and promotes the cross-cutting issues relevant to *Professional Ethics, Gender, Human Values, Environment and Sustainability* by conducting various activities on the campus and off campus to enhance professional competencies among students which helps in their holistic development.

Professional Ethics and Human Values:

- Develops an in-depth understanding of what is right and what is wrong that helps students make informed decisions which are particularly important in their personal life and professional life as well
- Encourages students to understand values in life
- Provides an overview of the numerous challenges that every professional faces when performing their tasks

Theoretically, it is taught as a subject in the curriculum and experienced practically by participating in NSS Programs, seminars and other related events.

Gender Sensitization:

- Makes young boys and girls gender-sensitive and creates positive values that support girls and their rights
- Provides overall guidance to the peer group in integrating/mainstreaming gender in all activities of the Institution in the form of focused group discussions, debates, poster-making competitions etc.
- Provides an integrated and interdisciplinary approach to understanding the social and cultural constraints of gender that shapes the experiences of women and men in the society
- Generates awareness in regard to equality in law, social system and democratic activities

Around 60% of the students in the college are girls. So, in order to facilitate a gender-sensitive environment, the college started WGC/ICC (Women Grievances Cell/Internal Compliance Committee in the year 2011 which creates awareness through lectures, seminars, talks, workshops, events and debates. Girls are motivated to participate and enrol in the NSS wing of the college as it develops strength, confidence and leadership qualities in them. It also deals with the complaints from girl students and resolves them through effective counselling.

Environment and sustainability:

Environmental science allows students to practice a sustainable life and utilize natural resources efficiently. The awareness of it enables students to have a collective effort to solve environmental problems that are faced in our day-to-day life. Environmental Science is a part of our JNTUK curriculum which enables students to understand our environmental problems and find solutions to maintain sustainability. Through this course, students learn about

- The importance of natural resources and conservation in a proper way
- Rural and urban environmental issues and assessment
- Various attributes of pollution and its control
- Self-sustaining green campus: Water and waste management, plantation and rainwater harvesting

Apart from this, students participate in the programs like Tree Plantation, Awareness Rallies etc. conducted to protect the environment.

File Description	Document
Upload Additional information	[View Document](#)

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 71.87

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 1645

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 85.63

2.1.1.1 **Number of students admitted year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
583	650	577	566	604

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
660	840	660	660	660

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (Exclusive of supernumerary seats)

Response: 84.2

2.1.2.1 *Number of actual students admitted from the reserved categories year - wise during the last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
207	228	246	238	237

2.1.2.2 **Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
261	332	260	260	260

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 14.13

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Response:

PSCMR College of Engineering and Technology provides an effective platform for students to develop the latest skills, knowledge, attitude and values to make them promising engineers the nation looks for.

Experiential Learning

- The college has set up an e-yantra robotics laboratory by collaborating with IIT-Bombay to make students have experiential learning in their courses.
- The institute has established a laboratory H-LABS on the campus in collaboration with HBOTS Pvt. Ltd. Hyderabad to equip students with hands-on experience on the content which is not hitherto included in the curriculum,
- Industrial Visits to engage them in experiential learning while visiting the organization.
- The college also has another laboratory which was set up in collaboration with Eurth Techtronics Pvt. Ltd. Vijayawada. The students actively involve themselves in the product development activities in this laboratory.

Participatory Learning:

- In a flipped classroom activity, the topics and the material are given to students in advance. Later a thorough discussion on the given topic is carried out and thereby students have a complete understanding of the subject.
- Through Group Discussions and Debates, students are given an opportunity to articulate their thoughts on the spot and to develop their arguments in support of their opinions or claims on

relevant topics.

- Regular Quizzes- Quizzes are organized for student participation at the intra or inter-college level.
- Seminar Presentation – Students develop technical skills while presenting papers in seminars.
- Students are encouraged to take up internships through AICTE-Internshala and other organizations which include APGENCO, Visakhapatnam Steel Plant, Doordarshan, APSSDC, WIPRO so on and so forth.

Problem-solving methods:

In addition to this, the institution is identified as a "Knowledge Centre" by IIT-Bombay to impart open-source technologies to students.

- The college entered into an MOU with PVP mall a reputed mall in Vijayawada city. The students and the faculty of the college and the technical staff of the mall developed and launched a mobile application for the mall. The app is tested and is now maintained by the college and the PVP mall jointly. This has helped the students in a great way to have experiential learning.
- The institution has entered into another MOU with "Samarasta Seva Foundation" (SSF) to design develop and maintain a web portal and a mobile application. This provided students with an opportunity to understand the requirements of the client.
- The college has developed applications for internal projects for the South Central Railway Women's Welfare Organization (SCRWWO) a wing of India's mammoth organization – Indian railways. The students take up internships in the said organization which fill the gap between the theoretical concepts and the practical applications.

File Description	Document
Upload Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 **Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
162	124	124	113	163

File Description	Document
Upload supporting document	[View Document](#)

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 10.5

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
17	13	12	09	21

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The internal assessment process is as per the formative and summative evaluation approaches to measure student achievement. It is as follows:
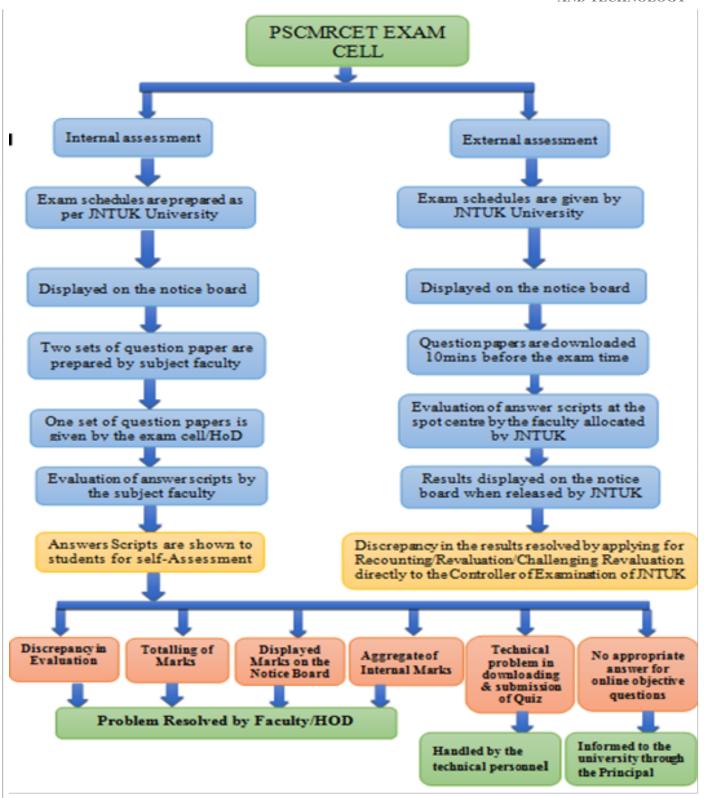
Formative Approaches: Attendance record, classroom interactions, assignments, project work, field visits, laboratory sessions.

Summative Approaches: Two Mid-term Exams

The mid-term exam schedule is given by the university and is communicated to the students well in advance. To ensure proper conduct of mid-term exams, two sets of internal mid-term question papers are prepared in accordance with Bloom's Taxonomy by the course in-charges along with the scheme of valuation and a solution key. Questions are mapped with the course outcomes.

The course coordinator analyzes the quality of the question papers and necessary changes are done if needed. After this process, the question papers along with the scheme and key are submitted to the HoD and then are sent to the college examination cell by the department examination cell. One of the two sets of internal question papers is selected by the college examination cell and sent to the department examination cell on the day of the examination.

Evaluation is done by the course-handling faculty members within three days from the date of examination. The corrected answer scripts at random are verified by the H.o.D to ensure the standard evaluation process. The corrected answer scripts are distributed to students for self-verification and if any grievance is raised, it is addressed immediately. The Assignments along with the submission date are given to students by the respective faculty members in such a fashion that they have to solve the problem themselves by self-learning methods. Online examination with 20 Multiple choice questions is conducted on the same day as the descriptive exam by the university as per the schedule. The marks obtained by students in the internal assessment tests are displayed on the department notice board. These marks are uploaded periodically on the university web portal along with their attendance.

Internal Practical examinations are held once a semester. Internal faculty evaluate the answer scripts based on viva-voice, observation books and records and program outputs. The faculty maps the questions with course outcomes and Bloom's Taxonomy is applied to both assignment questions and experiments given in the practical examination.

External Assessment:

External examinations are conducted by the University. Students give their external university exams in the Jumbling centres allotted by the university within 30 Km from the college. After the completion of exams, the university calls the faculty concerned to the spot Evaluation Centers and there the papers are evaluated with the scheme and key provided by the Chief. The results are announced through the university portal which is downloaded by the exam cell and made available to the students in E-Cap. If the students are not satisfied with their results, they can apply for Recounting/Revaluation/Challenging Revaluation directly to the Controller of Examination of JNTUK University.

File Description	Document
Upload Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

In order to measure the Program Outcomes, the institute defines Course Outcomes (CO) for all the prescribed courses in all the programmes offered. These parameters will be assessed periodically to understand whether the Program Outcomes are achieved or not. The institute uses assessment tools to evaluate students' knowledge and ability to apply their skills in continuous assessments like internal examinations, end-semester examinations, assignments, and Projects.

There are several levels of outcomes such as Course Outcome (CO), Program Outcome (PO), Program Specific Outcome (PSO) and Program Educational Objective (PEO). After the course (subject) allotment from the department, the course in charge of the course will write appropriate COs for their corresponding course using action verbs of Bloom's Taxonomy. The course coordinator will review the CO statements and the CO-PO mapping which has been done by the course in charge. These details are provided to the program coordinator in order to evaluate the PO attainment of the individual student as well as an individual course at the end of the eighth semester.

The Program Co-Ordinator along with Programme Assessment Committee (PAC) will evaluate the PO attainment of individual students through direct and indirect methods after the student complete their program. All these works have to be done under the guidance of the Department Advisory Board (DAB). At the end of each programme, the PO/PSO assessment is done from the CO attainment of all curriculum components. In each course, the level of attainment of each CO is compared with the predefined targets, it is not the course coordinator who takes necessary steps for the improvement to reach the target. With the

help of CO against PO/PSO mapping, the PO/PSO attainment is calculated by the programme coordinator. At the time of CO-PO mapping, the course in charge has to identify the curricular gap in the course, based on the recent technological trends as well as feedback received from the stakeholders. After that, the course in charge has to discuss with DAB the steps to be taken to bridge the curricular gap. Content beyond the syllabus may be delivered to the students through teaching, arranging guest lectures, industrial visits, in-plant training, online quiz, etc.

Assessment and Attainment methods: The various Assessment tools are:

Direct Assessment Tools:

- Theory Internal and External Examination
- Assignments
- Day-to-day evaluation in Laboratory
- Internal and external Practical Examination
- Major Project – Internal and External Assessment

Indirect Assessment Tools:

- Course End Survey
- Graduate Exit Survey

Direct CO Attainment for each course (DA)= (0.5*Internal Exam + 0.5*External Exam)

Overall CO Attainment = 0.8*DA + 0.2* IDA (Course End Survey Average), IDA – Indirect Attainments

Total Internal PO attainment (Direct Method) = Average of all Internal PO/PSO Attainments

Final PO/PSO attainment calculation: Final PO Attainment = 0.8* PO/PSO attainment in direct method + 0.2 * PO/PSO attainment in indirect method (Graduate Exit Survey Average)

File Description	Document
Upload Additional information	[View Document](#)

2.6.2 Pass percentage of Students during last five years

Response: 91.48

2.6.2.1 **Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
555	567	618	612	602

2.6.2.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
608	630	662	672	657

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 *Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)*

Response: 79.29

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
57.24	15.9	00	00	6.15

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

PSCMR College of Engineering & Technology focuses on innovations by entering into MoUs with prominent organizations & institutions. The objective is to provide a comprehensive and integrated range of support including mentoring, Training programs, networking and an array of other benefits. The initiatives taken up by the institution towards effective knowledge transfer to the students are mentioned:

- The college conducts Innovative Teaching Methodologies like Flipped Classroom Activities, Spaced learning, Jigsaws etc. These teaching strategies and methods are to improve academic outcomes and address real problems to promote equitable learning.
- The college has setup an e-yantra robotics laboratory and Eruth laboratory to make students experiential learning of their courses by doing innovative projects under the guidance & supervision of faculty as well as resource person online. This facility paves way for students to have participative learning. From this students have developed some useful projects.
- The institution has MoUs with other institutions which help in upgrading the knowledge by providing guest lectures, seminars, and workshops for students and faculty members through the mutual sharing of resources.
- The institution has an MoU with "UiPath, the leading enterprise Robotic Process Automation (RPA) software company, in association with Andhra Pradesh State Skill Development Corporation

(APSSDC)" which provides a platform for building designs and products for Robotics, AI, ML etc.

- The institution has a MoUs with "GO ON WHEELS", "Quantum of Learnings" and "Spypro Security Solutions" which helps students improve their knowledge through internships in the field of IT, cyber security etc.
- The college has established an MoU with "MILLION MINDS" with the objective of rebooting the Startup ecosystem, by igniting entrepreneurship spirit in the students of the institute.
- The institution has an MoU with "GARUDALYTICS- A GeoAI Company" which provides excellence towards technology R&D, internships and incubation for building a vibrant environment and careers in GIS and its allied applications.
- The institution has an MoU with "Codechef: Coding Platform" which provides the best platform for building Coding Skills to facilitate students to encounter the present job market. It helps in improving the coding skills of students.
- The institution has an MoU with "Swecha Foundation" which helps students improve knowledge by conducting workshops and events and also makes students improve innovatively.

File Description	Document
Provide Link for Additional information	[View Document]()

3.2.2 *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

Response: 55

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
11	11	08	10	15

File Description	Document
Upload supporting document	[View Document]()
Institutional data in the prescribed format	[View Document]()

3.3 Research Publications and Awards

3.3.1 *Number of research papers published per teacher in the Journals on UGC care list during the last five years*

Response: 6.74

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
126	83	133	264	28

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 2.13

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
77	26	27	29	41

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

PSCMR CET has constituted the NSS unit to inculcate social responsibility and ethical values among the students. The faculty and volunteers participate in several extension activities conducted to uphold social justice, citizen involvement, and accountability in the development of the neighbourhood.

Extension activities organized by PSCMR CET:

1. PSCMR CET conducted various service activities around a backward area of Vinchipet, and its College Surroundings.
2. Volunteers have participated in blood donation camps organized by Red Cross.
3. Swachh Bharath Abhiyan is implemented to sensitize the villagers about health and hygiene.
4. Awareness campaigns on Tree plantation, Social Evils, Culture, and Heritage of Andhra Pradesh.
5. Various Medical Camps, eye camps, COVID-19 awareness and Vaccination camps are organized on the campus and volunteers have also offered their services to various NGOs.
6. Volunteers participated in Food Distribution programmes during Covid-19 Lock down period.
7. Celebrating important national days like Independence Day, Republic Day, Gandhi Jayanthi, Dr BR Ambedkar Jayanthi, Voters Day, etc.,
8. Teachers Day and Engineers Day Programmes are celebrated to honour their contributions and Services.
9. Volunteers contributed their voluntary services to the One Town area Police Department as C.P.O (Community Policing Officers)
10. International Yoga Day is organized in collaboration with the YOGA Foundation, Vijayawada where NSS Volunteers actively participate in various health and stress-relieving activities like Yoga, meditation, and the art of living
11. Volunteers contributed their services to arrange water pots and buttermilk distribution to the public during the summer season.
12. NSS volunteers offered their services to Bhavani Deeksha devotes during the Dussarah festival at Kanaka Durga Temple surroundings.
13. An Energy Conservation campaign is arranged for the residential and commercial layouts.

Impact of Extension Activities on neighbourhood community and students:

1. NSS has been increasing the student's participation in blood donation camps.
2. NSS has contributed to the clean maintenance of the campus to Swachh Bharat Abhiyan.
3. NSS has contributed to the complete awareness of Covid-19 and Vaccination.
4. Volunteers have increased greenery on the campus through the plantation and other green initiatives.
5. The neighbourhood community benefited from PSCMR CET initiatives on Swachh Bharath Abhiyan, Traffic awareness.

The **NSS** unit is able to make a significant impact on the institute and community by organizing various activities related to diverse social issues with the support of faculty and volunteers. Through this for which PSCMR CET received so many certificates of appreciation from various organizations.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

PSCMR CET has carried out various extension activities outside the campus – in and around Vijayawada city and has received multiple rewards and appreciation letters from government and non-government agencies. The institution's students with the support of faculty members have carried out multiple activities.

The prime objective of carrying out the extension activities is to enable the student community to be socially responsible. Possessing an attitude of service is considered essential for professionals by the institution. The extension activities are carried out in multiple ways through various agencies which include NSS, Hobbies Club, Department Club, Professional Club and Technical Club.

The activities carried out by the institution for which recognition is extended are herewith described in brief:

The students of PSCMR CET have carried out various social service programs which include medical camps in surrounding rural areas, student personality development programs in municipal and panchayat schools to the students of 8th to 10th standard, and donating blood to the needy in times of emergency. All these activities are carried out in association with Rotary Club and the Indian Red Cross Society.

The students of the institution actively participate every year in the annual festivities of the Dussarah at Sri Durga Malleswara Swamy Varla Devastanams Indrakeeladri Vijayawada. The students provide drinking water, buttermilk, and other food items to the pilgrims who visit, the second busiest temple of Andhra Pradesh. Similarly, the students actively participate in service activities during ``Bhavani Dheeshka Mohostavams'' which usually fall in December and January every year.

The Vijayawada City Police takes the support of the students of PSCMR CET regularly to conduct awareness programs on ``Road Safety Measures''. In a similar way, various other government and government agencies also involve the students of the college in their respective service activities.

The letters of appreciation/awards/recognitions received by the institution from various government and other recognized bodies are given here below:

- Government Social Welfare Boys Hostel, Kankipadu
- Rotary Red Cross Blood Center, Vijayawada
- Rotary Club, Vijayawada
- Dwaravathi Foundation, Vijayawada
- A P Police Department
- Amaravathi Balostav
- Indian Red Cross Society
- Gollapudi Panchayathi
- Sachivalayam, Vijayawada Municipal Corporation
- ANU Institute of Neuro & Cardiac Sciences, Vijayawada
- Andhra Hospitals, Vijayawada.

File Description	Document
Upload Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 85

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
23	09	19	13	21

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.5 Collaboration

3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:

Response: 66

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

Education develops and realizes the greatest potential in one's personality. It requires constant effort, determination, commitment, and target orientation. The college firmly believes in the dreams and the inspiration of the parent committee. SKPVV Hindu High Schools Committee stands as a beckon of light in today's world of social unrest. A premier institution with qualified academics imparting education in diverse fields, with a reputation for good performance in academics. It promotes and encourages students by giving them a solid platform for developing their competence and ability to contribute positively and proficiently. In the last ten years, the college has built up an impressive and state-of-the-art infrastructure. Through this, the institution strives to provide ample opportunities for the academic, well-being, and cultural growth of the students. The management committee of the college is committed to providing state-of-the-art facilities to the stakeholders. The college analyses the vision and mission statement and the results of the SWOC analysis provided by the IQAC and prepares a plan of action to improve the physical facilities on the campus. Feedback from various stakeholders is taken annually and required renovation and modifications are made to see that the students have a conducive learning environment.

Classrooms: The college has 43 spacious, ventilated, and well-furnished classrooms. They are built as per the specifications prescribed by the AICTE and the affiliating university.

Laboratories: 33 laboratories are well-equipped and well-maintained not only for carrying out curriculum-oriented experiments but also to carry out research activities.

Seminar Halls: The College has adequate ICT-enabled seminar halls to organize conferences, seminars, and workshops for students and faculty members.

E-yantra Lab: This lab was established in collaboration with IIT-Bombay, an MHRD initiative. The students are provided with the task in the area of robotics and implemented under the guidance of an internal faculty who acts as a mentor. All the departments share the lab and the students participate in various national-level competitions.

Remote Centre (**RC**): The institution is identified as a "Remote Centre" by IIT-Bombay to organize workshops on niche technologies for the engineering stream using A-VIEW software as a part of the National Mission on Education through ICT, MHRD, Government of India.

Spoken Tutorials: The college has an MoU with an IIT-Bombay for implementing "Spoken Tutorials" on the campus. The college was identified as a "Knowledge Center" by IIT-Bombay to impart open-source technologies to the students of the college as well as to the students of the neighbouring colleges in the region.

Incubation Centers: The college also entered into MoU with EarthTechtronic, a Vijayawada-based LED manufacturing company to conduct research in IoT, Nano Satellite, and Aqua-related projects.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 27.44

4.1.2.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
193.18	179.89	193.21	253.95	195.63

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The objective of the Learning Resource Centre is to provide information services and access to bibliographic,full-text digital and printed resources to support the informational need of the institution in an appropriate and comfortable environment.

It consists of double Decker iron racks with books arranged subject-wise and number-wise. Display boards are also arranged to guide the users. There are a total of 26,906 books including Reference Books, Text Books and Book Bank Books, 68 Journals and Magazines. It is well equipped with all modern facilities including e-resources and digital library services. It is fully automated with Integrated Library Management Software version 10.0.9.18. This software provides UNICODE-based multilingual support for Indian and Foreign Languages.

The Library comprises 7 sections namely lending, circulation, reading, reference, Reprography, Stack Area, and digital library sections. Barcode Technology is used in transactions. The Library has registered membership with J-GATE, N-DIGITAL ONLINE, DEL-NET, and MAT E-JOURNALS to extend its

services by providing e-resources to staff and students.

Library Facilities:

* The library is a fully automated online public access catalogue (OPAC) provided to search for information through Author, Subject, Title, ISBN, Keywords, etc to know the status or availability of the book and check user holdings, request for reservations, etc.,
* 20 computers are provided to access the e-resources J-GATE, N-DIGITAL ONLINE, DELNET, NDL AND MAT E-JOURNALS etc.
* UG Library is having e-resources Hub with Wi-Fi connectivity
* Separate Access for staff.
* **E-resources:** Total utilized hints in JGATE are 1314.
* **In-house/remote access to e-resources:** the library provides facility of in-house and remote access to e-resources for the benefit of users.
* **J-Gate Facility:** The library is a member of J-Gate-UGC.
* **Know your Library:** An orientation program for the fresher's to enable easy access and quick information.
* National Library Week (14-20) conducts book exhibitions regularly.
* The updated list of E-Resources/Digital resources/Databases is made available online /offline. Alerts on competitive exams.
* Book Bank facility for SC/ST and economically backward classes.

The following facilities are available with the Library Resource Centre:

* LAN, Internet facility
* Digital Library facility
* Photocopying facility
* Educational CDs/DVDs
* Journals/Magazines Archive facility
* Wi-Fi facility
* Online database access facility
* J_GATE E-Resources
* DELNET E-Resources
* N-Digital Online E-Resources
* NDL E-Resources
* Webpage facility
* Orientation facility

In addition to the above services, The E-Z Library has installed various library modules such as an acquisition system, cataloguing system, circulation system, serials control system, and CCTV Cameras are installed.

SCAN and LEARN: In addition to the above services, All Branches of E-Magazines, IEEE-E-Magazines, Subscribed E-Journals, JNTUK Old Question Papers, Pdf E-Books, Gate PDF E-Books, can avail accessed by Scan the QR Codes for Convenient learning. QR code posters are displayed on the institute notice boards for the benefit of students and staff of the college.

File Description	Document
Upload Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

The college aims at providing futuristic facilities to the students to make them utilize the resources in the best possible manner. The computer laboratories are relocated to new premises to be under one roof. The laboratories at the new location have cutting-edge facilities with a very impressive ambience. The institution appraises the IT requirements from time to time and does the needful. The campus is Wi-Fi enabled. The students and faculty members are encouraged to utilize e-learning resources.

- Total College systems are connected in star topology back born is Optical Fibre cabling and CAT 6 with speed 1GBPS LAN
- Each and every department has wifi individual and isolated bandwidth facility
- college mail Ids facilitated
- Each and every department has smart classes
- All the students are benefited from Technical support for their PC or Laptops.

Total Number Of Systems: 827

Internet Details:

1. Excel leased line------120 MBPS

2. ACT Broadband------250 MBPS

3. Excel Broadband-------50 MBPS

Total number of Printers:

S.No	Name of the Printer	Quantity
1	Laser Printers	22
2	Colour Printers	02
3	Xerox Machines	02

Wi-Fi: Wi-fi enabled campus. Certified by TP-link.

Backbone: Optical Fibre Cable(OFC) is the backbone of the Entire campus with a speed of 1GBPS.

CC Camera Surveillance: Entire campus is under CC Camera surveillance with 120 cameras.

Details of the college computing facilities: The college has had its own network infrastructure since its

inception. The laboratories are D-Link Certified and follow the D-Link infrastructure in all respects of the internet facilities including LAN + WAN.

- ECAP – An online academic administration
- EZ School – An Accounting and Administration
- Tally ERP 9 – Accounting
- MOODLE –Learning resources, curriculum, lesson plan, recorded lectures, assignments, and assessments are made available online through Learning Management System (LMS) for enhancing the teaching and learning experience.
- EZ Library – Complete library content made available to the students, and faculty 24x7

Server Details:

S.No	Total No. of physical servers	Total No. of Server Applications
1.	5	13

Software Details

Total Number of Software	**8**(System Software)+**26** (Application Software)

System Softwares:

SOFTWARE
WinSL 8.1 SNGL OLP NL
Windows 7 Citz Professional with PC (Reboot PC)
MS Windows XP Prof Media Kit
Ubuntu 18 LTS
Ubuntu 14.04.3
Fedora 7
PF Sense 2.3.5/3.2
Citrix Xen server 6.0

Application Softwares:

Name of the Software
K7 Total Security Plus
DLM (Digital Language Lab)
Prezi (Presentation Software)
Artix7 FPGA Kit with interface
Xilinx Vivado

Mentor Graphics HEP-1
NI Circuit Design Software
ANSYS-MECH
IBM RATIONAL ROSE
MS Office Std 2007
MS Visual Studio Prof Media
Borland Turbo C++ Suite
Rosetta Stone Language Lab
Tally ERP 9
EZ SCHOOL SOFTWARE
E Scan Anti Virus
Libre Office
MYSQL 7.0
Apache Tomcat 5.0
JDK 6.0
Weka Tool
GCC Compiler
G++ Compiler
Smart PSS (CC CAM Monitoring)
Any Desk (Remote Admin)
Etime Track Lite

File Description	Document
Upload Additional information	[View Document](#)

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 2.77

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 827

File Description	Document
Upload supporting document	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 32.74

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
172.98	165.66	249.96	296.42	326.93

File Description	Document
Upload supporting document	[View Document]()
Institutional data in the prescribed format	[View Document]()

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 73.3

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1666	1572	1540	1551	1611

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2 *Capacity building and skills enhancement initiatives taken by the institution include the following*

> 1. *Soft skills*
> 2. *Language and communication skills*
> 3. *Life skills (Yoga, physical fitness, health and hygiene)*
> 4. *ICT/computing skills*

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 67.86

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1847	1380	1515	1493	1116

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 68.32

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
512	475	487	498	234

5.2.1.2 **Number of outgoing students year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
608	630	662	672	657

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 61.36

5.2.2.1 *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
45	26	06	01	03

5.2.2.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
51	32	17	13	19

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 115

5.3.1.1 *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 wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	04	28	54	04

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 21

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
26	10	21	31	17

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

PSCMR College of Engineering and Technology has a registered Alumni Association under the Societies Registration Act. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute. PSCMRCET alumni are currently working in various positions all over the globe and proving their mettle in all spheres of engineering and management. The institution is extremely proud of every member of its alumni. Most of them are successful in their careers such as jobs, higher education and in the field of entrepreneurship. The old students interact with the

current batch of students and mentor them through networking forums to the best of their abilities. They share their experiences, and knowledge and advise the students. Through these alumni meets, a strong bond is created between the passed-out students and the current batch of students.

The alumni communicate through a single platform at http://alumni.pscmr.ac.in which was named by the first outgoing batch of the college i.e. 2008-12 as PSCMRCET ALUMNI WING - PAW and inaugurated in 2014 in the first Alumni Meet. Through this website, the alumni can voice their opinions and communicate their views to contribute towards the betterment of the college. Inviting them to inspire young minds has proven to be highly beneficial as students are seen to relate to their seniors thereby helping them progress in their individual fields.

Notable achievements of PSCMRCET Alumni

- Mr Anees Ahamed Baig(ECE 2021) has got selected as Google cloud Facilitator.
- Ms Susmitha Santosh Kadaru (CSE, 2021) has Co-founded an organization Sadhyathi Pvt. Ltd.
- G.Harinadh(CSE 2021) has secured a gold medal in the 4th National kungfu championship NISKIN CUP 2019.
- Ms J Lahari, (CIVIL, 2020), won the MISS VIJAYAWADA title in the year 2018, a popular dancer, and short film heroine also recently she has acted in one of the Telugu films.
- Mr S.Varun (CSE, 2019) has entered into India Book of Records, for achieving the best MICRO ART with style.
- Mr Kedareswar Kavuri (ECE, 2019), has achieved many cash and commendable prizes at national levels such as NSDC, APSSDC and VISWAKARMA by AICTE in the area of IoT Projects
- Mr A. Saikumar Reddy (CSE, 2018) who was rewarded with 13,337 USD for suggesting Security Vulnerabilities in Google and was also listed as Hall of Fame in Microsoft And Oracle Inc.
- Ms K.Navya Sowjanya (MBA, 2018) is an actor and dancer. She enacted various roles in Telugu soaps telecast on Star Maa and Gemini TV.
- Lakshmi Vasatlya (CSE 2018) Nruthya Kowmudhi Abhinaya is the Best youth Classical Dancer and achieved a place in the wonder book of records for her Kuchipudi Dance performance.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

PSCMR College of Engineering and Technology was established under the aegis of the SKPVV Hindu High Schools Committee in the year 2008 with the motto "ThejasvinaVadhitamastu" (may our study be enlightening and not give rise to hostility). Our college has become synonymous with ultra-modern learning and the best placements. In a short span of time, the college has emerged as one of the prestigious educational institutions in this location. The faculty members are the driving force for the student's excellence and inspiration to learn and carve out the best careers in their lives. The faculty with their diversified backgrounds help students empower towards national development and global employability by gaining a wider perspective of the world. They share a distinctive relationship with students which is characterized by openness, approachability and warmth.

Vision

- To contribute significantly to the evolution of a highly advanced technological society with profound human values by nurturing students with unparalleled expertise and a high sense of ethics.

Mission

- To offer high-quality professional education and training blended into a high sense of discipline and ethics to shape the students and people who can play an influential role in the development of a knowledge society and thereby strive to bring the light into the lives around them with a human outlook.

The main objective of the mission is:

The Vision and Mission statements define the institution's distinctive characteristics in terms of addressing the needs of students in particular and that of society in general. The institution has the objective to impart quality engineering education to students.

The Management Committee of the college aims at leveraging and realizing the objectives expected of a higher educational institution. The rich experience and diversity of the sponsoring of the SKPVV Hindu High Schools Committee can help the college move forward in establishing honesty, integrity, sincerity and knowledge which are quite essential for a healthy society.

The Governing Body of the college is a composition of experts from both academia and industry. One Ex. Vice-Chancellor, University and Government nominee, and Entrepreneurs who contribute their mite to the overall development of the institution. There are senior practising managers from reputed business organizations which include TCS, Infosys, and Galaxy Inc., who actively involve themselves in policy-making for the benefit of the students. Apart from these senior officials, the Governing Body also hosts

four successful entrepreneurs who have developed niche products and created a market for their businesses.

A College Development Council (CDC) consisting of the Heads of all the Departments, and representatives from the Management Committee headed by the Principal prepares policies and strategies for the successful implementation of the curriculum.

The HoDs discuss the plans with their respective department staff members to accomplish excellence. The human resources of the institution have adopted a proactive approach to attaining holistic education which leads to the all-around development of students.

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

One of the objectives of college is to impart quality education to students and to equip them with employable skills. The college develops various strategies for achieving the vision and mission of the college, enriching the teaching-learning process, and Industry Institution Interface. One such strategic plan is strengthening Industry Interaction Interface (III).

The goal of the institution is to produce skilled and competent professionals through quality technical education and to prepare them for immediate employment. Industries engross these knowledgeable professionals and enhance their production capabilities by contributing to the latest technologies. To produce proficient graduates ready for the industry, the college always strives to improve industry-institute interaction. Eminent personalities from industries are regularly invited to the campus to enrich the students. In order to build a good and vibrant industry institute interaction and to promote education and entrepreneurship, the college has entered into a Memorandum of Understanding (MoU) with various government and non-governmental organizations.

The given under are MoUs between the college and the organizations:

- A Memorandum of Understanding (MoU) with BSNL has been signed through which students take up internships. Every year ECE students visit BSNL in Vijayawada which serves as a knowledge-gaining platform for students in the Wireless Communication domain.
- The college also has entered into an MoU with Zenopsys Bangalore-based Software Company with the aim of providing internships to the students.
- An MoU with South Central Railway was entered into by the institute to carry out internal projects of with South Central Railway as a part of projects at the end of the final year or internships.
- The college has entered into an MoU with Future NDT for conducting extension programs.
- There is another important MoU with HLABS Robotics Pvt. Ltd, a Hyderabad-based company. The prime objective of the MoU is to equip students with hands-on experience with the content which is no thither to include in the curriculum.

- The college also has another MoU with Eurth Techtronics Pvt. Ltd. Vijayawada. The students actively Involve themselves in product development activities through this MoU. This facility paves way for the students to have participative learning.

6.2.2 Implementation of e-governance in areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

Response:

Welfare Measures for Teaching Staff and Non-Teaching Staff

1. All the teachers with salaries less than Rs.15000/- are eligible for PF benefits as per the requirements of AICTE.
2. All the faculty members in this category are given special leave when they go for a consultation with their guides and to attend research methodology courses organized by the universities concerned. They are also sent on special casual leave to appear for their examinations. This is a satisfying experience for our management.
3. ESI benefits are provided to employees with salaries less than Rs.21000/- according to the rules of the state government.
4. Female employees are given maternity leave as per the service rules of the institution.
5. The college has provided a health insurance policy to all the employees without any contribution from them.
6. If admitted to our group of institutions, a fee reduction or concession for the staff children is given.
7. Registration fees and travel allowances are provided to the faculty attending conferences, workshops and FDPs
8. Advance amounts are disbursed to the staff in case of emergency.
9. Staff Grievance Redressal Cell and ICC committee are the two committees formed to resolve the issues or grievances of the staff.
10. The college campus has access to free Wi-Fi.
11. A lift facility is also provided on the campus

PERFORMANCE APPRAISAL SYSTEM

In order to ensure that an effective Performance Appraisal System is in place, the Institute and the employee ensure that the job responsibilities and requirements as well as the performance expectations are understood and interpreted in the right manner. Considering the financial position and performance of the Institute, the Performance Evaluation and Appraisal System is done in a systematic manner for all the Teaching and Non-Teaching Staff at the end of every academic year usually in the month of June.

The summary of interactions and the observations of the panel are noted and, accordingly, a recommendation is made for the grant of increments. The committee consists of the Principal, the Management Representative, and the Head of the Department. The Institute strongly believes that the outcome of this process must be comprised of shared communication, constructive criticism, and healthy discussions on strengthening institutional growth and finding probable solutions for the same, as well as the inclination to realistically make sincere efforts to achieve a definite objective in the near future. This has also directly or indirectly shown considerable enhancement in the initiatives and achievements of the employees, thereby contributing to the continued growth of the Institute.

File Description	Document
Upload Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 31.92

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
68	12	21	100	18

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 42.82

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
109	31	68	47	73

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
21	00	26	23	10

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Financial Audits: Financial audits are for discipline and transparency in financial management with experts in this field.

(i)   Internal audit: PSCMR has internal audit experts available, and conducts periodic audits in various aspects like revenue audits etc. It's a continuous process to work the systems and processes in harmony. Internal auditors go through the risk management governance and internal control processes. They deal with issues important to the survival and prosperity of the organization.

(ii)   External audit: External auditors review the internal control mechanism, accounting policies and standards, financial analysis and prepare statements. It involves effective management of internal controls and strengthens operations. When an external auditor identifies a significant issue with the accounts, they will provide the managers with an "audit management letter" which records any issues with solutions.

The final Annual Audited Accounts are kept before the Board of Management/General Body for discussion and approval.

Mobilization and Optimal Utilization of Resources:

The availability of funds is essential for any organization but the mobility of funds is even more important. If the mobility of the fund is in the right direction, then the progress will be as expected otherwise ineffective. The institution has well-defined and systematic strategies to ensure the utilization of resources. It holds a well-coordinated approach to the optimal utilization of funds and resources. The Principal and the various committees of the college monitor the use of resources.

(i) Mobilization of Funds: The major financial resources of PSCMR are the fee collected from students and donations from the management, philanthropists, public and finances generated. In addition to these, efforts are made to mobilize additional finances to meet institutional needs and growth. Merit scholarships and medals are instituted to honour outstanding students out of the donations collected from individuals or institutions and Alumni.

(ii) Optimal utilization of resources: Financial Planning is exercised well in advance for PSCMR with efficient Budgeting, after involving all the Academic Departments and Administrative Sections of the Institute. Every year institute prepares a budget, which involves projected revenue, expenditure and capital expenditure to manage and plan the funds effectively. Preparing the budget includes the department requirements including co-curricular and extracurricular activities. After reviewing the budget with the Principal, the final consolidated budget is forwarded to the Managing Committee of PSCMR for approval.

PSCMR Management supports financially in case of need and in times of financial inadequacies. The shortage of funds during the expansion or renovation of buildings has been managed by funding from parent trust. PSCMR management will review the financials through budgets Vs actual every quarter, which will ensure monitoring of the effective and efficient use of financial resources.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The IQAC of PSCMRCET was established in 2017 in accordance with the NAAC guidelines. The IQAC of the Institution has opportunities to get inputs from various stakeholders and brings changes in the whole process to achieve academic excellence. Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing quality assurance strategies and processes.

FUNCTIONS OF IQAC

- Development and application of quality benchmarks/parameters for the 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 of feedback responses from students, parents and other stakeholders on quality-related institutional processes.
- Dissemination of information on the various quality parameters of higher education.
- 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.
- Acting as a nodal agency of the institution for quality-related activities.
- Development and maintenance of Institutional database through MIS for the purpose of maintaining/enhancing the Institutional quality.
- Development of quality culture in the Institution.
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameter.

The college institutionalizes IQAC initiatives and corrective measures. Two such practices institutionalized as a result of IQAC initiatives are:

1. COLLEGE AUTOMATION PROCESS:

The Institute procured the automation software from Webpros solutions in the year 2017. The software possesses online feedback, Admissions, student database and pre & post-examination modules to automate tasks such as seating plan; Internal marks, Publishing of results in the web portal and Printing of marks memos.

OUTCOME: The College Automation system reduced the time for analyzing and publishing of results in the web portal. It reduced the time for analyzing feedback.

2. INSTITUTIONALIZATION OF INTERNSHIPS AND CERTIFICATION COURSES:

IQAC suggested introducing Internships in the year 2017. This was implemented in the year 2018. Students are motivated to take up the Internships and online courses offered by various platforms such as Internshala, COURSERA, IIT Bombay spoken tutorials, NPTEL, etc. to gain domain and interdisciplinary knowledge. This will improve the self-learning skills of the students and helps to improve their creativity and originality. IQAC is motivating the faculty to get certified in advanced courses in their domain knowledge and in the field of outcome-based education.

OUTCOME: The continuous effort of IQAC towards Internships and certification courses has resulted in receiving the south zone winners award for relentless efforts in promoting the culture of internships among students. Faculties are also participating in online certification courses both by mentoring the students and also undergoing certification.

File Description	Document
Upload Additional information	[View Document](#)

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

The institution promotes gender sensitization through co-curricular activities like seminars, guest lectures, poster exhibitions, counselling etc. The internal Compliance Committee has been established to sensitize and equip students with issues related to gender sensitization, and women empowerment. The ICC ensures that posters promoting gender equity & sensitization are placed on the notice boards and celebrates Woman's day every year to teach strong empowering quality and capacity building amongst girl students. The institution organized programs like "Rights of Women in Domestic Laws" and 'Self-defense training' for the girl students of the institution initiated by the Police Department. Cyber security awareness programs related to the safety and security of women employees and students are conducted periodically. The institution has a dedicated Counseling Centre and good mentoring system for the students to promote a culture of respect and equality for the female gender. The college also pays sincere attention to empowering the girls with health care and, physical, moral, cultural and skill development of students.

The institution celebrates the national festivals with all grandeur i.e. Independence Day and Republic Day. Management addresses the staff members and the students on these special occasions by instilling noble thoughts among them.

The birth anniversary of Sri Potti Sriramulu on whose name the college was established is organized every year by paying respects and recalling his contributions to the formation of a separate state for Telugu language-speaking people, which finally resulted in the shape of the then Andhra Pradesh.

The birth anniversary of Sri Mokshagundam Visheswaraiah is celebrated as Engineers' Day on the 15th of September every year. The departments organize various technical competitions on this occasion.

The students take an active lead in celebrating Teachers' Day ie on the 5th of September every year to commemorate the birth anniversary of Sri Sarvepalli Radha Krishnan, the former President of India and a great teacher of the nation. The members of the Management Committee felicitate the best teachers from each department. National Mathematics Day is celebrated on the 22nd of December every year by the Department of Freshmen Engineering on the college campus to commemorate the birth anniversary of Sri Srinivasa Ramanujan.

International Women's Day is celebrated on the 8th of March by the institution through the Internal Compliance Committee (ICC) to instil confidence and self-discipline in girl students and faculty.

National Youth Day is celebrated on the 12th of January every year on the college campus to motivate youth through the way of life and ideas of Swami Vivekananda. Various competitions are conducted in which students participate with great enthusiasm. PSCMRCET has been successful in caring for its diverse students and staff population harmoniously in its efforts to steadily achieve its vision and mission.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2 The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	[View Document](#)

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

PSCMRCET conducts various programs for providing an inclusive environment to create awareness amongst the students and staff members about their social, cultural, economic, political and institutional rights. It is the culture of the institution to come up with initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. The institution conducts various events to enhance positive interaction among students of different cultural backgrounds. The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or

cultural folk songs and dances. The events include Sankranthi Sambaraalu, Christmas Celebrations, and the Distribution of Ganesh idols for Ganesh Chaturthi along with commemorative days like Independence Day, Republic Day, Teachers' Day, Engineers' Day, Telugu Day and Technology Day, Jayanthi celebrations of Sri Potti Sriramulu who sacrificed his life for the formation of the state of Andhra Pradesh and on whose name the institution was established. Every year NSS Cell conducts Special Camps in villages for NSS volunteers with a direction towards various social issues impacting the lives of the people. To deliberate on the linguistic harmony between our mother tongue Telugu and English a seminar is conducted on Telugu day. Many cultural activities are conducted to promote communal harmony in which students involve with great enthusiasm. Irrespective of culture, religion, region, language, and community, everyone in the college follow their respective code of conduct.

For inculcating the feeling of oneness among the student community, various practices and programs are conducted in the institution. To promote "Unity in Diversity" among students, various activities are also conducted. The institution constituted the following committees as per the norms: Grievance redressal Committee, Anti-Ragging, Internal compliance committee, Committee for SC /ST, minority cell and OBC cell for the well-being of students and staff in the institution. The functions of these committees are displayed on the institution's website and information is disseminated to the students through orientation and induction programs.

Every year "Constitution Day" is organized by the institution to spread Constitutional values and ideals among students. Many special talks and guest lectures on vigilance awareness are conducted to sense their responsibilities as citizens. The institution also organizes various legal aid and legal awareness camps to impart awareness of such issues. A New Voter Enrollment program is conducted in the college to encourage young adults to register as voters which improves the voting percentage. The Institution ensures that students participate enthusiastically in all the above-stated activities which facilitate an inclusive environment.

File Description	Document
Upload Additional information	[View Document]()
Provide Link for Additional information	[View Document]()

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

BEST PRACTICE 1

1.Title of the Practice : BODHANA – SADHANA – PRAVEENYA

2. Objectives of the Practice: The Bodhana–Sadhana-Praveenya aims at crafting technically sound and skilled human resources. The main objectives are listed below:

- To make students undergo skill-oriented training and do industry-based projects.
- To provide industry-relevant certifications/training to students through Global and Professional Streams.
- To undertake collaborative projects and consultancy for long-term interaction with the academia and industry
- Special efforts to get students mentored from outside for innovation and entrepreneurship.
- To make students employable in the industry or pursue a suitable higher education programme and to be globally competent.
- To make students learn with no restrictions of time, place, path and pace.

3. The Context

PSCMRCET provides an effective platform for students to develop the latest skills, knowledge, attitude, and values to make them promising engineers the nation looks for. Since 2016, the institution has worked extremely hard to implement outcome-based education (OBE) methodologies. For this PSCMRCET organized different in-house training programs, workshops and seminars. Students are encouraged to take part in different skill-oriented programs. To give national and international exposure to students, the College also organizes seminars and workshops by the experts from industry and premier institutions like IITs, NITs and reputed deemed to be universities.

4. The Practice

The institution has entered into MoUs with government and non-government agencies and with various academic institutions to undergo training programs, take up certifications programmes, to pursue project work & internships.

- The College also has MoUs with the Ministry of Education (e-YAntra), Andhra Pradesh State Skill development corporation (APSSDC), Indian Servers, Swechaa, Tech team solutions, AICTE-Internshala, Spypro security solutions. The goal is to harness the talent of young engineers to solve problems using technology across a variety of domains. This helps students undergo training in current emerging technologies and do projects and internships.

- Students can learn various free and open Source Software all by themselves Upon successful application of a course/ program, students take up training. After that, they undergo an assessment test. Certificates are awarded to those students who successfully clear the examination.

- Through IIT Bombay Spoken Tutorial, NPTEL, Coursera, and Codechef, students and faculty are encouraged to learn courses online and upon successful completion of the courses, they are provided with certificates

5. Evidence of Success

1. The placement percentage has gradually increased and many students are able to secure jobs through campus placements. The statistics reveal the success of the students who got placed in various organizations of repute through campus interviews.

Academic Year	No. of students placed	Percentage
2018-19	220	69.19%

2019-20	256	72.52%
2020-21	264	74.79%
2021-22	403	92.8%

2. Our institution received the "Best Internship Selection Ratio Award for 2018" from AICTE-Internshala.

3. The students are provided with different platforms for building designs and products for Robotics, AI, ML, Etabs, Revit, AutoCAD, PCB, MATLAB, Electrical machine models, P-Spice etc.

4. They get Certifications, Training, and Internships in diverse areas.

5. Students are able to get admission to pursue their Master's Program in premier universities of repute across Europe, the USA and Australia.

6. A small segment of the students could establish their own business units in various locations and could emerge as successful entrepreneurs.

7. Students are also trained in Open Source and Thrust Technologies.

6. Problems Encountered and Resources Required

- Poor technical capabilities of the students.
- Providing slots in the timetable to give training at the regular time.
- Motivating the students to stay beyond working hours.

BEST PRACTICE 2

1. Title of the Practice: SCAN and LEARN

2. Objectives of the Practice

    The objective of the Scan and Learn Resource is to provide information services and access to bibliographic and full-text digital and printed resources to support the informational need of the institution in an appropriate and comfortable environment. We have provided a "Scan and Learn" online facility for both students and faculty to access digital content like e-books, e-journals and etc.

3. The Context

    Scan and Learn is a unique facility provided by PSCMRCET. The Scan and Learn covers all types of e-Books, E-Magazines, IEEE e-Magazines, JNTUK Previous Question Papers Subscribed E-Journals, and Gate E-Books in pdf related to all branches in our college by scanning the provided 'QR' Codes. Students and faculty can access all these resources by scanning the QR codes.

4. The Practice

    In our Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering and Technology, we provide a "Scan and Learn" service to all the students and the faculty. It comprises all Branches of Pdf E-Books, JNTUK Previous Question Papers, E-Magazines, IEEE- E-Magazines, Subscribed e-Journals, and also Gate PDF E-Books and the students and faculty can avail accessed them by scanning the provided

'QR' Codes. 'QR' code posters are displayed in different locations on the campus for the benefit of students and staff. The same has been uploaded to the college website.

In addition to the Digital Library System in our institution, students and faculty can avail of "Scan and Learn" at their convenient time. students are also motivated to gather more information from this scan-and-learn system.

5. Evidence of Success

Scan and Learn is one of the best E-resources in our institution in addition to our central digital library resources. The expansion of modern technologies has led to a complete transformation of how we access content. The following facilities are provided in our college.

- E-Books
- E-Magazines
- IEEE- E-Magazines
- JNTUK Previous Question Papers
- Subscribed E-Journals
- Gate E-Books

It all went into the digital sphere.

6. Problems Encountered and Resources Required

No significant problem was encountered. The tool helps students and faculty access e-resources in their convenience time sitting at their places with their mobiles/electronic gadgets.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

"Service to the Society through Quality Technical Education"

The motto of the Institution says "Service to the Society through Quality Technical Education". In the process of achieving the motto, the institution believes in exploring, identifying and bringing out the inner excellence of students along with their all-around development and grooming and inculcating in every

faculty and student, a sense of social responsibility.

The emphasis is on the comprehensive development of students, independent learning, critical and rational thinking, innovative application, and value orientation. The institution provides quality education to all students by incorporating technology, research orientation, skill up-gradation, and societal development methods.

These activities are carried out throughout the year in the form of:

1. Bridge Courses introduced during the 15-day orientation programme at the beginning of the first semester help many students get in tune with the degree-level teaching/ learning system. It acts as a bridge between the Intermediate course and the Engineering degree course.
2. Pre-Campus Recruitment Training is organized by the training and placement department for overall personality development and to make students competent for placement.
3. Students in the second year are encouraged to take up community service projects and innovative projects with societal issues.
4. National Festivals are also organized on the campus to imbibe human values, ethics and patriotism in students.
5. Various indoor and outdoor games are conducted on campus viz. Chess, Carom, Table tennis, Basketball, volleyball, cricket, and Tug-of-war, for good physique and fitness of students and staff. The institution encourages students to participate in inter-college/ University Level/ State level/national-level sports competitions.
6. Student Associations/ Professional Chapters like, IEI, IEEE, IETE, CSI etc organise activities for the development of technical skills, ethics and human values through extension activities. Students are made well equipped to face different challenges of the world like facing large audiences, interviews, group discussions, etc.
7. The institution also organizes several gender sensitization programmes in order to make our students aware of the issues of gender repression and disparity. It also conducts informative sessions on health awareness and women's issues. In Collaboration with various GOs and NGOs, we organized lectures and workshops on Breast cancer awareness, health and hygiene etc.
8. Faculty and students have been sensitized to the struggles of the less privileged and the need to reach out to them. Volunteerism to contribute has been initiated and it is encouraging to see the overwhelming response from the faculty and students to participate in the outreach activities like anti-drug rallies, street play, clean and green activities, blood donation campaigns, clothes and books donations to the needy people, awareness about the environment, tree plantation and saving energy etc. The attitude developed among the students remains imbibed within them and is easily practised during their careers.
9. The Institution has an Anti-Ragging committee and an Internal Compliance committee as preventive measures though we have never had any trouble on these fronts. We have conducted courses in basic 'Self-defence Techniques' and our entire campus is under CCTV surveillance in order to instil a sense of safety and security among the students.
10. The entrepreneurship development cell is available on the campus and carries out programs for the benefit of students to encourage them to become entrepreneurs
11. Experiential learning has been introduced to provide higher motivation for students, increase students' learning experience beyond the subject area, provide a sense of achievement, and a strong motivation for learning. Students are encouraged to do projects in collaboration with industries through incubation centres and facilities like E-Yantra and HLABS. IoT labs are also available on campus to sharpen the technical skills of students in the latest technologies.

12. Students are encouraged to participate in hackathons, technical paper presentations etc. which provide scope for learning beyond the prescribed syllabus.

13. The Industry Institute Interaction Cell (I-I-I) of the institution is helpful for students to make them industry ready. The institution has collaborations and MoUs with premier Organizations/Companies and Institutions to keep students abreast with the changing technologies. These MoUs enable students to conduct experiments in their respective subject study projects. The faculty of the institute maintains strong industrial links by undertaking consultancy assignments. In this connection, we also organize seminars/guest lectures regularly with industrialists and alumni.

14. The mentoring system is designed and followed systematically to assist students with academic and general issues they face during the four-year period of the degree. Each faculty member is a mentor for a group of 20 to 25 students. The mentor and the students meet for at least one hour every week. The mentor performs the following duties:

- Counsels the students in not only the issues related to academics but also some of their personal issues and proper guidance and support are provided to ensure the comfort of the students on the campus.
- Contacts regularly parents/guardians to update the performance of the students.
- Helps the students in their professional development by giving them advice.
- Intimates HOD and suggests administrative action it the situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc.
- Maintains a detailed progressive record "Proctor Diary" of the student.

15. Since the majority of the students are from economically backward families, the College provides financial assistance to deserving students.

16. Thus, the various activities conducted in the college give a boost to the overall personality of students and are transformed into disciplined, well-mannered, technically sound citizens with the required skills and are also ready for serving society as quality engineers.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

The Departments of CSE, ECE and EEE are currently accredited by NBA for 6years with effect from 21.03.2019. The Institute has strong Industry-Institute-Interaction and we have 66linkages established with Institutions/industries. Based on the feedback received from the peer team, we have made changes to our entire planning and thereby made improvements in leaps and bounds. Our research contributions have improved considerably. The Institute regularly conducts training for staff and faculty members for the implementation of quality procedures. External audits by various agencies like NBA, NAAC, and JNTUK and internal audits are undertaken periodically to improve institutional activities. We started implementing OBE from the year 2016. As a whole, PSCMRCET is a family of aspiring students, supportive parents, dedicated faculty members and visionary management, working together to make a difference in the field of education.

Concluding Remarks :

PSCMR College of Engineering and Technology has become synonymous with the ultra modernlearning and the best placements. In a short span of time, the college has emerged as one of the most prestigious educational institutions in this locality. Students from all parts of the state are ambitious to see themselves in this institution. More than 67% of our students are girls which stands as a testimony to the faith and trust of the parent's the institution's stringent and no-compromise attitude in discipline matters.

With good ICT facilities available on the campus, inspiration for students is just a lecture away. The faculty members are the driving force for the students' excellence and inspiration to learn and carve out the best careers in their lives. The faculty is assigned numerous duties to transform students into future engineers and managers. The faculty with their diversified backgrounds help students gain a wider perspective of the world. They share a distinctive relationship with students which is characterized by openness, approachability and warmth. The college strongly believes that Sound Mind Dwells in a Sound Body. Physical fitness plays an important role in developing the overall personality of a student since a physically balanced student is mentally balanced too. PSCMRCET equally emphasizes the need to develop physical activities and encourages sports and games making them an integral part of the curriculum. Various sports facilities are provided to the students. Encouragement is given to both the boys and girls in various sports competitions such as inter-departmental, Intercollegiate, and Inter University help in developing team spirit among the students. An exclusive Annual Sports Day is celebrated where victorious individual students and teams are felicitated with honours like medals, trophies and certificates.

Our Teaching LearningMechanism has established the credibility of the system, infused confidence among both faculty and students, increased active participation by motivated persons, improved mutual trust and has given a fillip to educational commitment and optimism.