



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

PARK COLLEGE OF ENGINEERING AND TECHNOLOGY

NH 544, AVINASHI ROAD, KANIYUR

641659

www.pcet.ac.in

SSR SUBMITTED DATE: 01-04-2023

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Park College of Engineering and Technology is part of the Park Trust, which opened its first school in Tirupur in 1970. A small milestone that marked the beginning of a long sail on the ocean of education, with innovation at every step along the way. Today, Park Trust operates nearly 20 Educational institutions serving the needs of some 20,000 children from kindergarten to doctoral level, and a strong group of alumni who have been an integral part of enriching communities around the world for 50 years.

Park College of Engineering and Technology is the culmination of the group's efforts to create a world-class institution that specifically addresses the rapidly changing human resource needs of the country's industry and the global village. The college is located in Kaniyur, just 15 km from Coimbatore Airport, on NH47. It is affiliated to Anna College and approved by All India Council for Technical Education, New Delhi, Govt. of India. The college has been awarded with ISO 9001-2008 certificate.

The institution, which began with 3 engineering disciplines, has grown to offer 8 UG and 3 PG programmes in engineering and PG programmes in business administration and 1 Ph.D. programmes (PT). Currently, there are 202 faculty members, 27 of whom hold Ph.D. degrees. Applying for NAAC accreditation was a gratifying and educational experience.

Park College Engineering and Technology is committed to maintaining the accreditation status awarded by the NAAC. The self-study report (SSR) for prepared by the Steering Committee with the assistance of department faculty members, is hereby submitted to NAAC.

So, now the Institution has the system for conscious, consistent and catalytic actions to improve the academic and administrative performance further. The Institution places high priority on education as an instrument for achieving accelerated and inclusive growth with emphasis on expansion, excellence and equity.

The students have the benefit of complete suppleness and freedom, and are benefitted by the expertise, courses of study and infrastructure available. The Institution promotes measures for Institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of the best practices.

We are eagerly awaiting the visit of the peer team to our facility to conduct the assessment. We would like to take this opportunity to thank our esteemed Chairman Dr. P. V. Ravi, our Chief Executive Director. Dr. R. Anusha., department heads, faculty members and staff for their full cooperation in the preparation of this self-study report.

Vision

To pioneer potentials of students and faculty in engineering education through world class infrastructure and educational resources for learning, teaching and research.

Mission

- To create infrastructure and facilities of very high standards.
- To maintain world class laboratories, workshop and educational resources for learning, teaching and research.
- To ensure effective implementation of the given curricula through highly qualified and competent faculty.
- To provide continuous evaluation, assessment, test and examinations for improving the quality of its educational input processes and outputs.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Driven by our mission statement of imparting knowledge to all
- Harmonious relationships between members of the college administration, staff, students and parents
- Outstanding faculty, student-centered instruction
- Teachers strongly believe in lifelong learning
- Integration of teaching and research
- Proactive career and placement department and professional advisor to support students
- High pass rates on exams compared to college results
- Outstanding performance in sports
- Pioneers in offering professional courses such as biotechnology, computer science and Information Technology
- Representation of a large number of faculty members on the Board of Studies who contribute to curriculum design and implementation
- Wide range of extracurricular and co-curricular activities offered.
- Analysis of student feedback and use to improve all processes
- Optimal use of resources
- Teaching aids for ICT-supported teaching
- Student friendly service
- Consideration and facilities for people with disabilities
- Gender-friendly premises
- Environmentally friendly premises
- Vibrant IQAC members

Institutional Weakness

- The Institute is located in a rural area, which poses certain limitations.
- There is a gap between the research expectations of the Institute and the support available.
- The Institute lacks funding, which is a major obstacle to its growth.
- The focus of student projects at the Institute is geared towards meeting societal requirements.
- The need for international collaboration at the Institute is something that needs to be addressed.

Institutional Opportunity

- Location advantage to strengthen links between science and industry.

- Streamlining collaborations and consulting.
- Exploring research collaboration opportunities with research institutions.

Institutional Challenge

- Keeping pace with rapid change in higher education
- Maintaining quality while providing access
- Providing resources for marginalized students
- Generating resources for infrastructure improvements

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Park College of Engineering and Technology started in 1996, situated on the National Highways NH544 in Kaniyur, Coimbatore. Our institution is affiliated with Anna University, Chennai, and approved by AICTE, New Delhi. Presently, we offer thirteen undergraduate programs and four postgraduate programs, including M.E. Aeronautical Engineering, M.E. Engineering Design, M.E. Computer Science and Engineering, and Master of Business Administration. All courses strictly adhere to the university regulations, curriculum, and syllabi, ensuring effective implementation. The Choice-Based Credit System (CBCS) and syllabus framed by the Syllabus Committee, Board of Studies of Anna University, Chennai, are followed in every course.

With the help of academic schedule prescribed by the Anna University, the various academic activities were planned by the academic council members of our college and it will be published as an institution academic calendar. This academic calendar comprises of various activities such as schedule of internal assessment tests, class committee meeting, completion of syllabus, so that a teacher can plan their co-curricular work accordingly. Our faculty encourages students to take up NPTEL courses and add-on courses to enhance their competitiveness in the current scenario. We also motivate our students to participate in technical events, such as paper presentations, project presentations, quizzes, design challenges, and hackathons, which create a happy learning environment.

Curriculum incorporates cross-cutting issues, such as gender equality, human values, professional ethics, environment, and sustainability in the core courses. We conduct analytical and aptitude training classes to ensure better placement opportunities. Fieldwork, internships, and project work enrich students' knowledge. Based on feedback from different stakeholders, we offer certificate courses to cater to their requirements and the job market. Our teachers actively participate in designing and developing the curriculum and evaluation process. We collect feedback on the curriculum from various stakeholders, such as students, faculty, employers, and alumni of the institution. The feedback obtained is analyzed, and the recommended actions are informed to the concerned individuals.

Teaching-learning and Evaluation

Park College of Engineering and Technology follows the rules of Directorate of Technical Education, Tamil Nadu and the Single Window Counselling system of Anna University for the admission Process. Reservation Policy for admission is 69% as per the Gazette Notification of the Government of Tamil Nadu.

The budding young Engineers entering the first year stream are refreshed through Orientation and Bridge Courses. The students are trained right from first year onwards in the concept of CDIO (Conceive, Design, Implement and Operate) Concept through Practical learning.

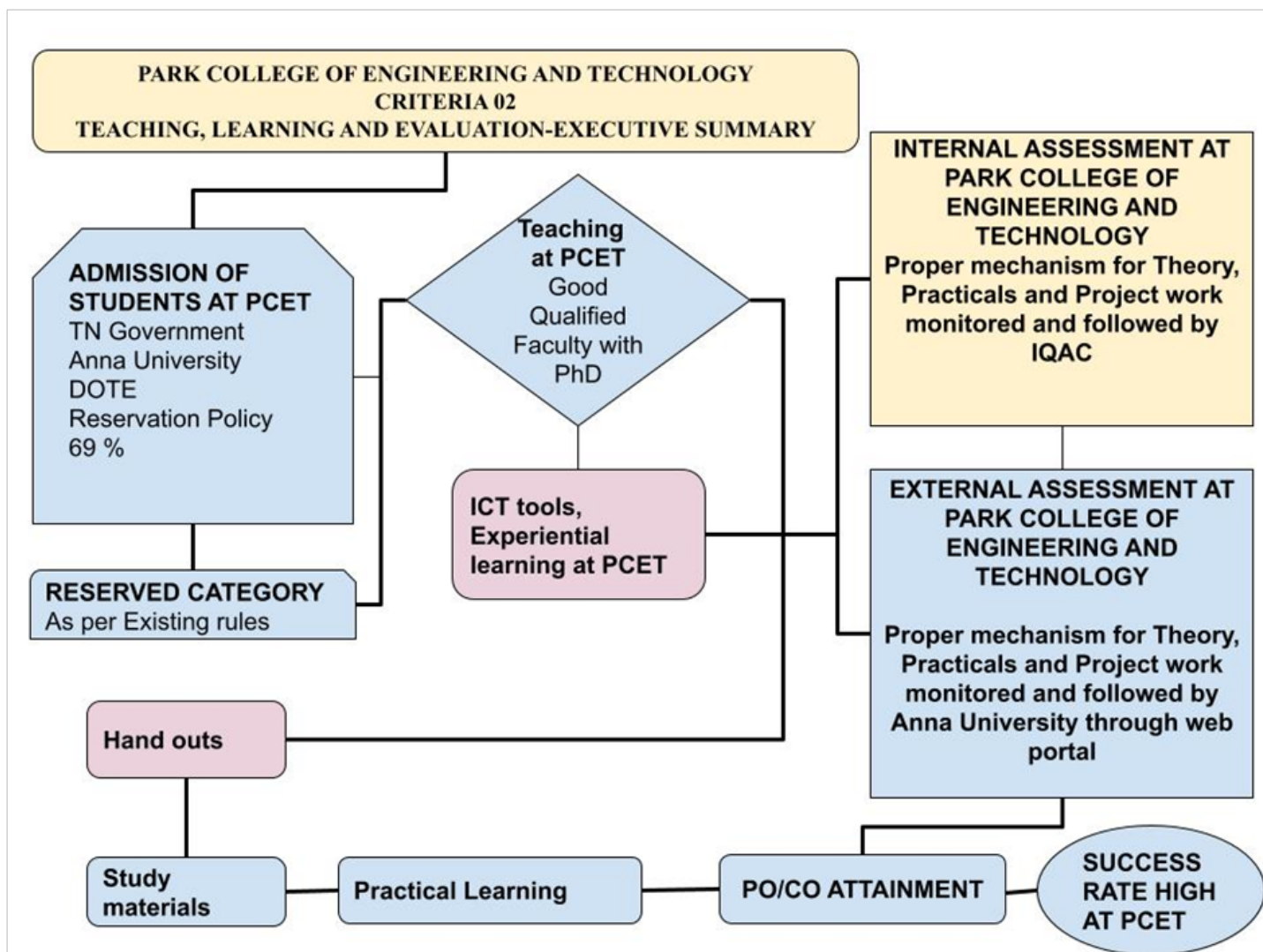
The Students are taught well through qualified teachers with the usage of ICT tools, Work Sheets, Handouts, Manuals and Customized study materials. Many faculty members run separate you tube channels for subject teaching and these channels are arriving out more views. Some of the Examples are for the subjects of Engineering Graphics and Computational fluid dynamics. Also, Priority is given to experiential and practical learning initiatives.

The internal evaluation process is very much transparent through a centralized exam cell with good infra structure facilities and it is governed by a team of exam cell coordinators and each departments of PCET have their member participation in the governing of Exam cell.

The External Evaluation is through Anna University and the mechanism is well governed through COE Portal which provides more transparency of the process and has a mechanism to address the grievances reported by the students.

Regular Class committee meetings are conducted in detail by all departments and the grievances if any, reported are addressed then and there. Also, PO/CO attainment is ensured and gap if any identified in the attainment is addressed properly through remedial initiatives. The pass out parentage of students Park College of Engineering and Technology is also worth full and remarkable. Priority is given to Stake holders and the Institute Excels in Outcome based Education.

The following figure shows the overall flow up of teaching – learning and evaluation at Park College of Engineering and Technology



Research, Innovations and Extension

Park College of Engineering and Technology is actively engaged in promotion of research, innovations and extension activities. Pursuing Research and innovation is crucial for the growth and development of any institution, especially in the field of engineering. Hence, PCET encourages its faculty members to pursue Ph.D. programs and publish research articles in Peer-reviewed journals such as Scopus, SCI and Web of science.

The institution facilitates an ecosystem for Innovation and also supports its faculty members in terms of funding, infrastructure and guidance to pursue research. As a positive step in promoting research and innovation, faculty members are encouraged to participate in international conferences and publish research articles or book chapters.

Several programs are organized regularly by various departments in the institution for the benefit of faculty members and students to gain knowledge on Intellectual Property Rights (IPR) Patent Publication and Research methodology.

The faculty members also submit research projects to government and non-government agencies for funding and consultancy. The institution has received a fund of Rs.20 lakhs from AICTE in the name of MODROBS and Rs.15.5 lakhs from AICTE to organize FDP, STTP, and Conferences and also as a travel grant.

Park College of Engineering and Technology encourages students to actively participate in community service activities through National Service Scheme (NSS). Students are provided with proper guidance and support to participate in community service activities. Participating in community service activity through NSS can provide students with valuable experiences and skills, such as Teamwork, Communication, Problem Solving and Leadership. It also gives them a sense of social responsibility and the opportunity to make a positive impact on society. PCET shows a commitment to nurture the holistic development of students and prepare them for a successful and fulfilling life beyond their academic studies.

The MOU's between PCET and various industries are a great way to bridge the gap between academics and industry to provide students with practical exposure and hands on experience.

Infrastructure and Learning Resources

PHYSICAL FACILITIES

The college boasts of excellent infrastructure such as state-of-the-art laboratories, a well-stocked library, and smart classrooms with projectors, a sprawling playground, and high-speed Wi-Fi connectivity in the campus. The PCET campus is spread across 30 acres of lush greenery and is home to 72 classrooms, 5 seminar halls, and 2 auditoriums. There are 02 academic buildings, 1 hostels for male students, 1 hostels for female students, amenity centers, and 01 NRI hostel covering a total built-up area of 308686 sq. m. The college has khabbadi court, football, basketball, hockey court, The college also offers a host of other facilities such as a Powerhouse, an RO water station, a Dispensary, transportation services, a Workshop complex, and a Food Court.

LIBRARY

The Library of Park College of Engineering and Technology has set its vision as to satisfy the user community. The library is situated on the ground floor of Techno Park with a floor area of about 8000 sq.ft. The library has ever-growing collections of Books, Periodicals, CD's, Back Volumes, Projects, etc in various branches of Engineering, Science and Technology.. Online Public Access Catalogue (OPAC) system is available at the library to verify the current status of the books with minimum keywords. Open Access System is being followed in the central library.

Library Timings: 9 am to 7 pm on all college working days.

Digital Library

1. IEE
2. ASME
3. DELNET
4. NPTEL.

INFRASTRUCTURE

The entire campus including the hostels is Wi-Fi enabled and students can access the internet on their laptops round the clock.

100MBPS Broadband

Wi-Fi facility 24 hours in campus*

Dedicated INTERNET LAB

The IT facilities that are available in supporting academic and non-academic activities include:

1. All Departments are provided with desktop computers are connected to Campus Network and laser Printers
2. LCD projectors available in all ICT enabled class rooms
3. The institution has a digital library server for the students and faculty members. They can access the server through internet at any time for e-books and a lot more

Student Support and Progression

Student Support and Progression discusses about the support given by the institution in terms of finance and for the career development of the students.

The institution gives financial support to students like single parent scholarship, agriculture background scholarship etc. Category-wise government scholarships like BC, MBA, DNC, FG, and SC/ST are provided. Skill development programme are conducted like soft skill training, language and communication development helps to support their placement. Life skills development programs like yoga, health and hygiene related programs are conducted. Software training or workshop is conducted which helps students to learn latest software's in the field, apart from that given in their curriculum.

The placement cell organizes several career guidance programs to clear competitive exams and career counselling related programme .Students attending these programs go for higher studies in India or abroad.

The institution has different committees like anti ragging, grievance redressal, etc to address the student's issues. Anti ragging squad members used to visit college spots and monitor students. We have a ragging free campus. The rules and regulations for anti ragging is displayed in different spots along with the anti-ragging committee members contact numbers. An online grievance form is available in the college website for students to report their grievances. Grievance box is placed in college in required places for collecting student's grievance. The grievance committee redresses regularly.

Students interested in sports are given regular practice is given through physical education department to achieve in tournaments both university /state/national levels. Students interested in cultural activities like drawing, painting, pencil sketching, dance etc., use to win awards both in the events conducted inter and intra institution level.

An active alumni cell is functioning in the college. Alumni meets are conducted yearly once. To Alumni share their industry experience, latest technology used in companies, how to approach companies for placement to their juniors. Few alumni donate books to their juniors. In several departments, alumni are invited as resource person for seminar, workshops to benefit juniors. Quite few alumni are serving as faculty members in the college. Few other supports for sports by conducting trophy regularly.

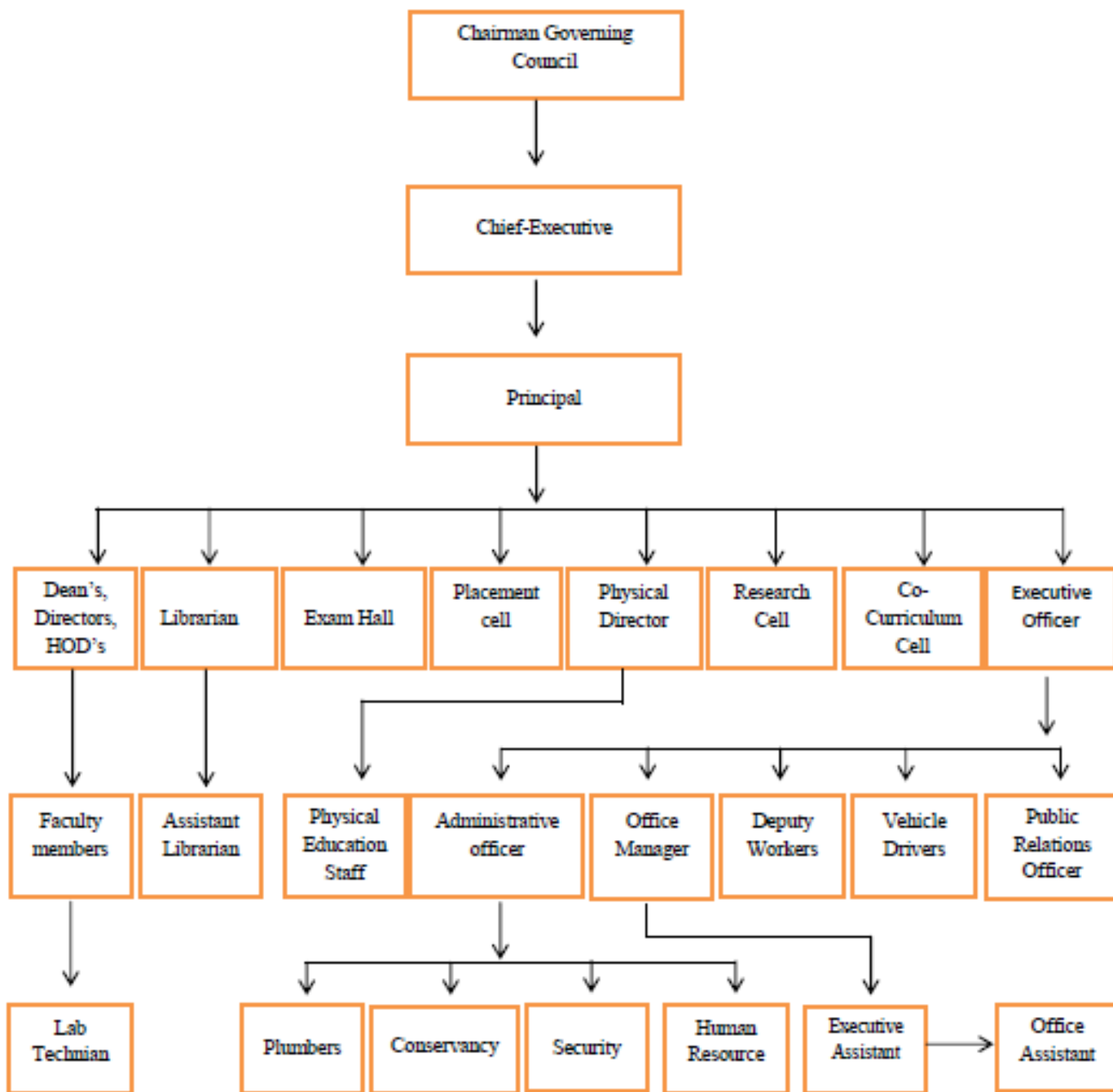
Governance, Leadership and Management

The institution has a robust and effective governing system that aligns with its vision and mission. A clear strategic plan is in place and regularly implemented, with a focus on the institution's core competencies. Each functionary has clearly defined roles and responsibilities, and the organizational structure is well-defined. The governing council regularly meets to monitor progress and suggest strategies.

The institution has a strong leadership structure that has developed academic policies, rules, and regulations for its different programs. Periodic external and internal financial audits are conducted, which help to develop strategies based on the audit report. The institution has implemented e-governance in all areas of administration, finance and accounts, student support system, and examination.

The institution has a well-established Internal Quality Assurance Cell (IQAC) that conducts periodic meetings to review and monitor the academic and administrative audit. The institution provides periodic skill enhancement training for non-teaching staff, financial support for teachers attending conferences/workshops, and professional development/administrative training programs for teaching/non-teaching staff. Faculty performance appraisal is done annually to review performance and development.

In conclusion, the institution is committed to achieving excellence in technical education and providing world-class infrastructure to its students, faculty, and staff. The focus on continuous improvement and quality assurance is evident in the various measures that the institution has implemented to support the development of its staff and programs.



Institutional Values and Best Practices

Park College of Technology, a top-level engineering college in Coimbatore, has been awarded an 'A' grade accreditation by the National Assessment and Accreditation Council (NAAC).

The institution's vision is to provide quality education to students and transform them into responsible citizens, and its mission is to impart knowledge and skills to enable students to become competent professionals and contribute to society's development. The college has a code of conduct that emphasizes honesty, integrity, respect, and responsibility. The college also has an anti-ragging policy that prohibits any form of ragging on the campus.

The institution has a Mentor-Mentee system that provides students with a supportive learning environment. The program pairs each student with a faculty member who acts as a mentor and guides them throughout their academic journey. Additionally, the institution offers skill development activities such as workshops, seminars, and guest lectures conducted by industry experts to help students develop necessary skills.

Park College of Technology has a well-defined governance structure that includes a Governing Council, Academic Council, and Administrative Council. The institution has a system of committees that assist the councils in decision-making, including the Examination Committee, Research Committee, Placement Committee, Grievance Redressal Committee, and Internal Quality Assurance Cell.

The institution follows a well-defined academic and administrative process that ensures the smooth functioning of the institution. It has a system of continuous evaluation that assesses students' progress throughout the semester. The institution also has a system of internal assessment that evaluates the faculty's performance based on various parameters such as teaching effectiveness, research contributions, and administrative responsibilities.

In conclusion, Park College of Technology demonstrates a strong commitment to institutional values and best practices. Its well-defined governance structure, system of committees, and well-defined academic and administrative processes ensure effective decision-making and smooth functioning. The institution's commitment to promoting ethical and moral values is reflected in its code of conduct and anti-ragging policy. Additionally, its innovative methods of teaching and learning enhance students' learning experiences and make them competent professionals, contributing to society's development.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PARK COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	NH 544, Avinashi Road, Kaniyur
City	Coimbatore
State	Tamil Nadu
Pin	641659
Website	www.pcet.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Lakshmanan D	0421-2911200	9942477773	-	principal@pcet.edu.in
IQAC / CIQA coordinator	Padmanabhan B	0421-2911100	9994714845	-	iqac@pcet.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Tamil Nadu	Anna University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	01-08-2019	View Document
12B of UGC	01-08-2019	View Document

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	10-07-2020	12	
AICTE	View Document	10-07-2020	12	

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	NH 544, Avinashi Road, Kaniyur	Rural	30	38860

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	BE,Aeronautical Engineering	48	Intermediate or Equivalent	English	120	18
UG	BE,Mechanical Engineering	48	Intermediate or Equivalent	English	120	7
UG	BE,Mechatronics Engineering	48	Intermediate or Equivalent	English	60	5
UG	BTech,Textile Technology	48	Intermediate or Equivalent	English	60	3
UG	BE,Electrical And Electronics Engineering	48	Intermediate or Equivalent	English	120	7
UG	BE,Electronics And Communication Engineering	48	Intermediate or Equivalent	English	120	18
UG	BE,Computer Science Engineering	48	Intermediate or Equivalent	English	60	27
UG	BTech,Information Technology	48	Intermediate or Equivalent	English	90	48
UG	BE,Bio Medical Engineering	48	Intermediate or Equivalent	English	60	19
UG	BE,Robotics And Automation Engineering	48	Intermediate or Equivalent	English	60	5
UG	BE,Geo Informatics Engineering	48	Intermediate or Equivalent	English	60	8

UG	BE,Agricultural Engineering	48	Intermediate or Equivalent	English	60	20
UG	BE,Medical Electronics	48	Intermediate or Equivalent	English	60	2
PG	ME,Aeronautical Engineering	24	UG	English	18	0
PG	ME,Mechanical Engineering	24	UG	English	9	1
PG	ME,Computer Science Engineering	24	UG	English	9	1
PG	MBA,Master Of Business Administration	24	UG	English	30	27
Doctoral (Ph.D)	PhD or DPhil, Mechanical Engineering	84	PG	English	5	0

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	27				36				139			
Recruited	19	8	0	27	26	10	0	36	78	61	0	139
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						57
Recruited	38		19		0	57
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				15
Recruited	12	3	0	15
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	15	8	0	3	2	0	1	3	0	32
M.Phil.	0	0	0	1	2	0	4	12	0	19
PG	1	0	0	20	6	0	78	46	0	151
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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		Total
	0	0	0	0	0

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

Self Study Report of PARK COLLEGE OF ENGINEERING AND TECHNOLOGY

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	123	0	0	0	123
	Female	64	0	0	0	64
	Others	0	0	0	0	0
PG	Male	21	0	0	0	21
	Female	8	0	0	0	8
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	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	25	27	15	23
	Female	17	21	5	12
	Others	0	0	0	0
ST	Male	0	2	0	1
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	102	149	192	309
	Female	65	84	41	114
	Others	0	0	0	0
General	Male	5	34	14	11
	Female	2	7	4	6
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		216	324	271	476

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The Vision of our Education Policy, to provide high quality education. A discussion among the faculty members has been initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. The Institute is affiliated to Anna University, programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives and institute started offering these electives to students. In order to provide the holistic academic growth among students, Inter-disciplinary curriculum has been proposed which gives freedom to the student to choose their</p>
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	<p>preferred options from the range of program offered by the institution. All the courses offered by institute are Choice Based Credit System (CBCS). Few of (them also include value based and environment-based subjects like professional Ethics, Environmental studies, principles of Management, project management etc. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments.</p>
2. Academic bank of credits (ABC):	<p>Since we are waiting for the implementation of ABC at University level. Because of we are affiliated to Anna University and non- autonomous institution .Anyhow we have registered for ABC through NAD.</p>
3. Skill development:	<p>Our institute has an established skill development cell which actively participates to strengthen technical, soft skills of the students. The institute has an established training cell which actively participates to strengthen the current trends required in industry, Campus Recruitment Training (CRT). The Institution is already conducting the skill courses as designed by affiliating university from Semester III to VI in various programs. Also, under the employability enhancement program for student in skill courses, the college has already been running courses such as soft skill development etc.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>In our Institution we have organized more events related to Indian Knowledge system. We celebrate functions during traditional days to inculcate cross state cultures into our students to keep them aware of the traditions of others states. In addition, we provide training on communication skills to our students to keep them communicative with all whom they meet. We encourage students to travel across state to participate in various events to understand the tradition of other places.</p>
5. Focus on Outcome based education (OBE):	<p>Our institution, being affiliated with Anna university follows the guidelines as and when directed where in variety of approaches in teaching Learning process like lectures, seminars, tutorials/workshop/practical and project-based learning field work, technology enabled learning internship and apprenticeship and research work is already suggested and Institute is implementing it wherever possible. All the programmes are offered as outcomes-based education</p>

	<p>(OBE) which are designed keeping in mind the regional and global requirements. The Institute has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes from 2019-20 onwards. All courses are designed with outcomes centered on cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation.</p>
6. Distance education/online education:	<p>The institution is already prepared, especially during COVID-19 pandemic situations and teaching learning process through different online modes likewise app, Google Class rooms, WhatsApp, Zoom etc. Post-pandemic, the online learning experience has been adopted by the faculty and students to full advantage of flexible blended mode of teaching learning. From 2019 onwards departments are exclusively using Google Classroom for sharing learning contents with students for most of the subjects / courses. The faculty members also prepared themselves by getting trained by using various online platform for online teaching learning through FDP, STTP and workshops during lockdown period. The institute being NPTEL Centre, students and faculties are encouraged to undergo online courses every year. These efforts can be considered as the new normal, which is envisaged in New Education Policy as well.</p>

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	<p>The Electoral Literacy Club at Park College of Engineering and Technology aims to raise awareness among students about their democratic rights, including the right to vote. Through various initiatives such as mock polling activities, poster presentations, debates, mock parliaments, elocution, and essay writing, the club provides students with hands-on learning experiences on the democratic process and electoral procedures. By promoting electoral literacy, the club plays a crucial role in</p>
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	<p>educating and encouraging students to participate in shaping the future of their country. Overall, the club's efforts to sensitize the student community about democratic values are commendable, particularly in the current global climate where democracy is facing numerous challenges.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The Park College of Engineering and Technology has the Electoral Literacy Club functional with the following office bearers S.No Name Designation Functional Role 1 Dr.K.Kumaresan Professor ELC Coordinator 2 Dr.Vijayalakshmi Professor ELC Additional Coordinator 3 Mr. Trilojhan Ojha Final Year Student Representative 4 Mr. K. R. Prawin Final Year Student Representative 5 Mr. P. Sivaraja Final Year Student Representative</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>1. The students from our college actively take part in Voter Awareness Campaigns, which are designed to educate the residents of neighboring villages about the importance of voting and electoral processes. 2. Workshops are organized to generate interest and awareness among the faculty and students about electoral procedures and related topics. 3. The primary objective of these campaigns and workshops is to provide a hands-on experience to the target population and educate them about the voter registration process, the electoral process, and other relevant matters.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>The Electoral Literacy Club (ELC) is dedicated to socially relevant initiatives related to electoral issues, such as organizing awareness drives and creating content and publications that showcase their contribution to promoting democratic values and participation in electoral processes. 1. Their goals include educating the target audience about the importance of their vote and empowering them to exercise their right to vote in a confident, comfortable, and ethical manner. 2. Additionally, the ELC aims to create a culture of electoral participation and encourage informed and ethical voting by following the principles of 'Every Vote Counts' and 'No Voter Left Behind.'</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible</p>	<p>The Electoral Literacy Club focuses on raising awareness among eligible student voters about their democratic rights, which includes the right to vote in elections. To provide a hands-on learning experience</p>

students as voters.

of the democratic process, the club conducts mock polling activities. Additionally, the club organizes various other programs, such as poster presentations, debates, mock parliaments, elocution, essay writing, and more, to promote an understanding of electoral procedures and create awareness about the importance of participation in the electoral process. Overall, the club's efforts to sensitize students about democratic values and encourage their participation in shaping the future of their country are commendable.

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
1287	1643	1583	1706	1708

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: 340

File Description	Document
Upload supporting document	View 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
202	201	201	187	171

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
828.48	687.28	712.53	610.13	1044.15

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:

The Park College of Engineering and Technology started in 1996, situated on the National Highways NH544 in Kaniyur, Coimbatore. Our College is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. Currently, we offer thirteen undergraduate programme such as B.E. Aeronautical Engineering, B.E. Computer Science and Engineering, B.E. Electrical and Electronics Engineering, B.E. Electronics and Communication Engineering, B.E. Mechanical Engineering, B.E. Mechatronics Engineering, B.E. Medical Electronics, B.E. Biomedical Engineering, B.E. Robotics and Automation, B.E. Geoinformatics, B.Tech Information Technology, B.Tech Textile Technology and B.Tech. Agricultural Engineering. Also, we offer four Post graduate programme such as M.E. Aeronautical Engineering, M.E. Engineering Design, M.E. Computer Science and Engineering and Mater of Business Administration which comprises of well experienced teaching and non-teaching staff members. Our enthusiastic faculty members make themselves up to date to current technology and trends by attending national and international conferences, workshops and seminars. Our faculty motivates the students to take up NPTEL course, add-on courses in order to make them more competitive to the current scenario. The faculty also motivates our students to participate in technical events such as paper presentations, project presentations, quiz, design challenge, hackathons which makes our students a happy learning environment in our college.

Our Institution strictly adapts the curriculum and syllabi as prescribed by the Anna University, Chennai. With the help of academic schedule prescribed by the Anna University, the various academic activities were planned by the academic council members of our college and it will be published as an institution academic calendar. This academic calendar comprises of various activities such as schedule of internal assessment tests, class committee meeting, completion of syllabus, so that a teacher can plan their co-curricular work accordingly. Faculty are allotted with theory and practical courses based on their qualification, expertise and willingness. Faculty once allotted with theory and practical subjects they will be preparing the course plan adhering to the institution academic calendar and class timetable. Our institution follows a well systematic examination process, where standard question papers setting incorporated using Bloom's taxonomy, which will be prepared by the subject handled faculty, a well-planned hall arrangements for internal assessment tests, circulation of attendance sheets during the test, well prompt evaluation process by the subject handled faculty and dispatch of evaluated answer sheet to students and test report to parents were followed. Every subject handled faculty will be maintaining the Log-Book for attendance, Course file for theory subject which includes, Students name list duly signed by class tutors, HoD and Principal, Syllabus copy, Course Objectives, Course Outcomes, CO-PO mapping, Course delivery plan, content beyond syllabus, Time Table (Class Timetable, Individual Faculty Timetable), Internal Assessment QPs, Internal Assessment Test Mark Analysis, Weak Students List, Internal Assessment Test QP for Weak Students, Weak Students Test mark Analysis, Question Bank, Previous year question papers, final end semester question paper, QP feedback. Then course file for laboratory course which includes, Log Book for attendance, Students name list duly signed by class tutors, HoD and Principal, Syllabus copy, Batch Details and Practical plan.

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: 50	
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: 21.65				
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
388	315	377	334	302
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:
The Women Empowerment Cell

The Women Empowerment Cell was established in our college with a mission to empower female students and staff, to raise their awareness about women's issues in society, and to help them face these challenges with strength and determination. The objective of the Women Empowerment Cell is to promote the advancement, development, and empowerment of women, and to achieve gender equality through various initiatives such as guest lectures, seminars, workshops, awareness programs, and welfare activities.

Professional Ethics

Professional ethics are principles that govern the behavior of a person or group in a business environment. Like values, professional ethics provide rules on how a person should act towards others and institutions in such an environment. Developing professional ethics and human rights will improve one's ability and judgment and refine one's behavior, decisions and actions in performing the duty to the family, organization, and society. Therefore, Anna University has made "Professional Ethics" one subject for all engineering branches, enabling the students to gain professional knowledge.

Environment & Sustainability

Park college of Engineering and Technology is a green campus, focuses on energy efficiency by preserving natural resources for healthy living and a good learning environment. Rainwater harvesting system is implemented to recharge the groundwater by collecting the rainwater from catchment area like building rooftops. RO system is used to our college campus to provide safe and sweet drinking water to all. Awareness of environmental issues and its sustainability is given to the society through extension activities by NSS. Students learn several compulsory courses on environmental science and engineering to address the environment and sustainability issues.

National Service Scheme

Park College of Engineering and Technology has a Unit of NSS (National Service Scheme) operating effectively with 50 active volunteers from diverse backgrounds. The primary aim of the NSS unit established in our college is to enhance social welfare and foster the culture of community service among the youth. Our enthusiastic volunteers engage in a wide range of initiatives that benefit both the institution and the students. They undertake their duties with a sense of social responsibility and a commitment to the nation's growth. Their altruistic nature drives them to serve their fellow citizens.

Anti-Ragging

- Any form of ragging or misconduct directed towards a student, whether on the college premises or elsewhere, will be deemed a criminal offense and promptly reported to the police. Perpetrators of

such acts will not be allowed to continue their studies.

- At the time of admission, students and parents shall furnish an affidavit to the effect that the students shall not indulge in ragging.
- The college has established an anti-ragging committee and squad to oversee and enforce student discipline.

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

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

Response: 33.72

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

Response: 434

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: 37

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
216	324	271	476	572

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1116	1002	1029	1029	849

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: 49.75

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
209	283	253	459	552

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
772	730	718	718	592

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: 6.37

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:

Student-centric methods, experiential learning, and participative learning are all approaches to teaching and learning that focus on engaging and involving students in the learning process. This approach emphasizes the needs and interests of individual students, and involves tailoring teaching methods and activities to suit their learning styles and preferences. Experiential learning approach involves learning through experience and reflection. Experiential learning can take many forms, including hands-on activities, field trips, simulations, and role-playing exercises. Participative learning: This approach emphasizes active participation and engagement by students in the learning process. Participative learning can take many forms, including group discussions, debates, case studies, and peer teaching. The focus is on creating an interactive learning environment that encourages students to take an active role in their own learning, and to collaborate with their peers to achieve shared learning goals. In our institution we follow collaborative based student learning such as Laboratory Sessions Group Discussion, Placement Training Seminar by Students, Placement Training, industrial visit, Mini Projects etc. Our students also involved in sports activities and won the prizes in the other college sports meet.

File Description	Document
Upload Additional information	View Document
Provide Link for 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
202	201	201	187	171

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: 11.33

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
32	23	20	18	16

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:

Park College of Engineering and Technology exhibits novel and adaptive mechanism for Exam reformation and grievance redressal process.

Internal Exam Process (Internal Test-2 Numbers and Model Exam-1 No)

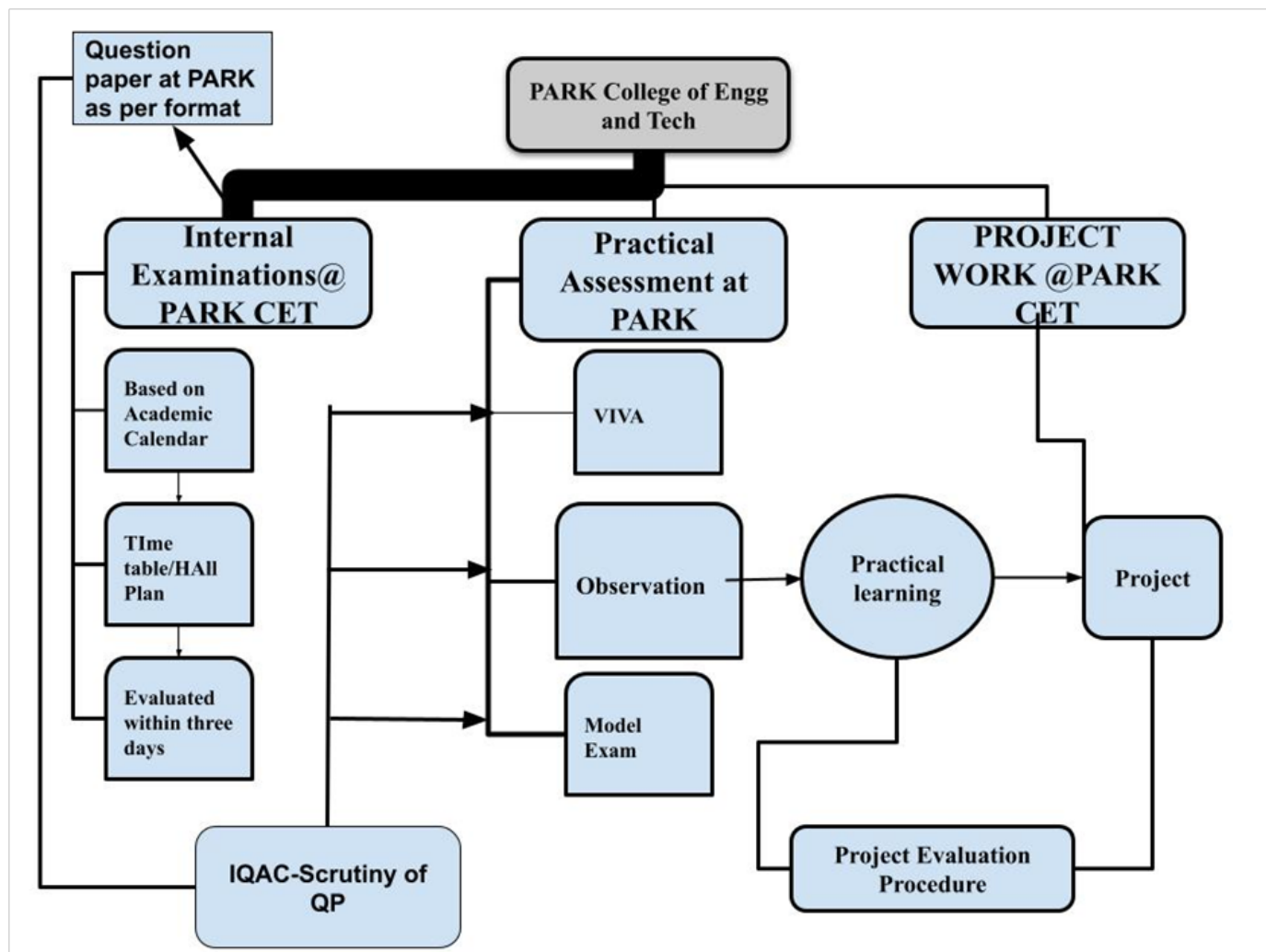


Fig: Overall glimpse of Internal. Practical and Project

Transparency Mechanism in Internal Examinations

Time Schedule for Internal Exams is as Per Academic Calendar.

- Time table for Exams, Hall arrangements are communicated to Students through Notice boards
- Preparation of the question Paper (QP) for the test in the specified format along with CO indicated. The Question papers will also be authorized by IQAC. Scrutiny of QP is carried out by HoD/ Subject experts to ensure quality.
- Within three days, staff members evaluate it and is distributed in turn to students
- Marks Entered in Log book and Authorized by HOD/Principal.
- Follow up through Class committee and indicated grievances are addressed.

Uploading of marks in university web portal and subsequently informed to parents through Whats app

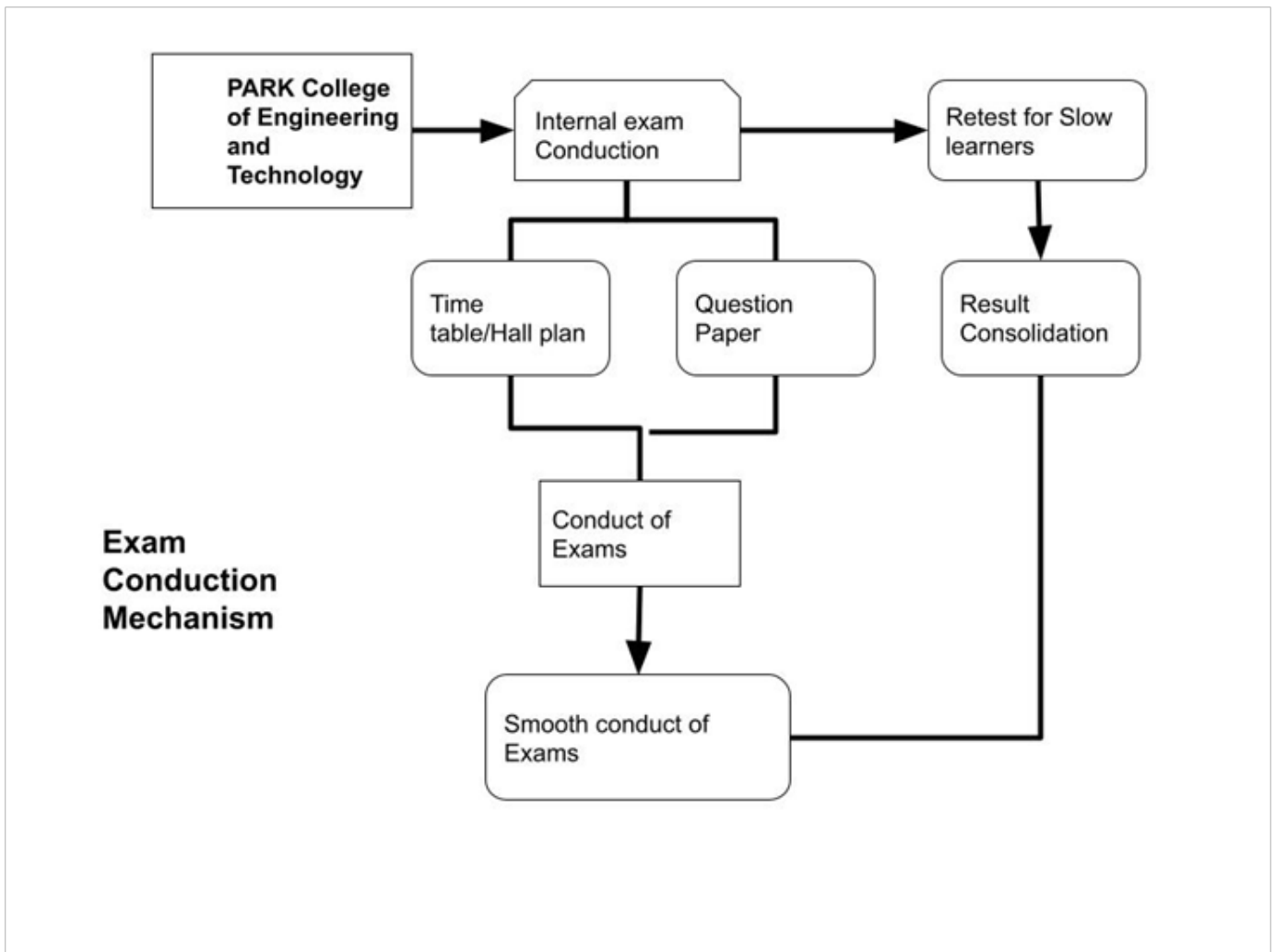


Fig: Internal Exams Process

Transparency in External Examination

The schematic of the process involved in External Evaluation is provided herewith

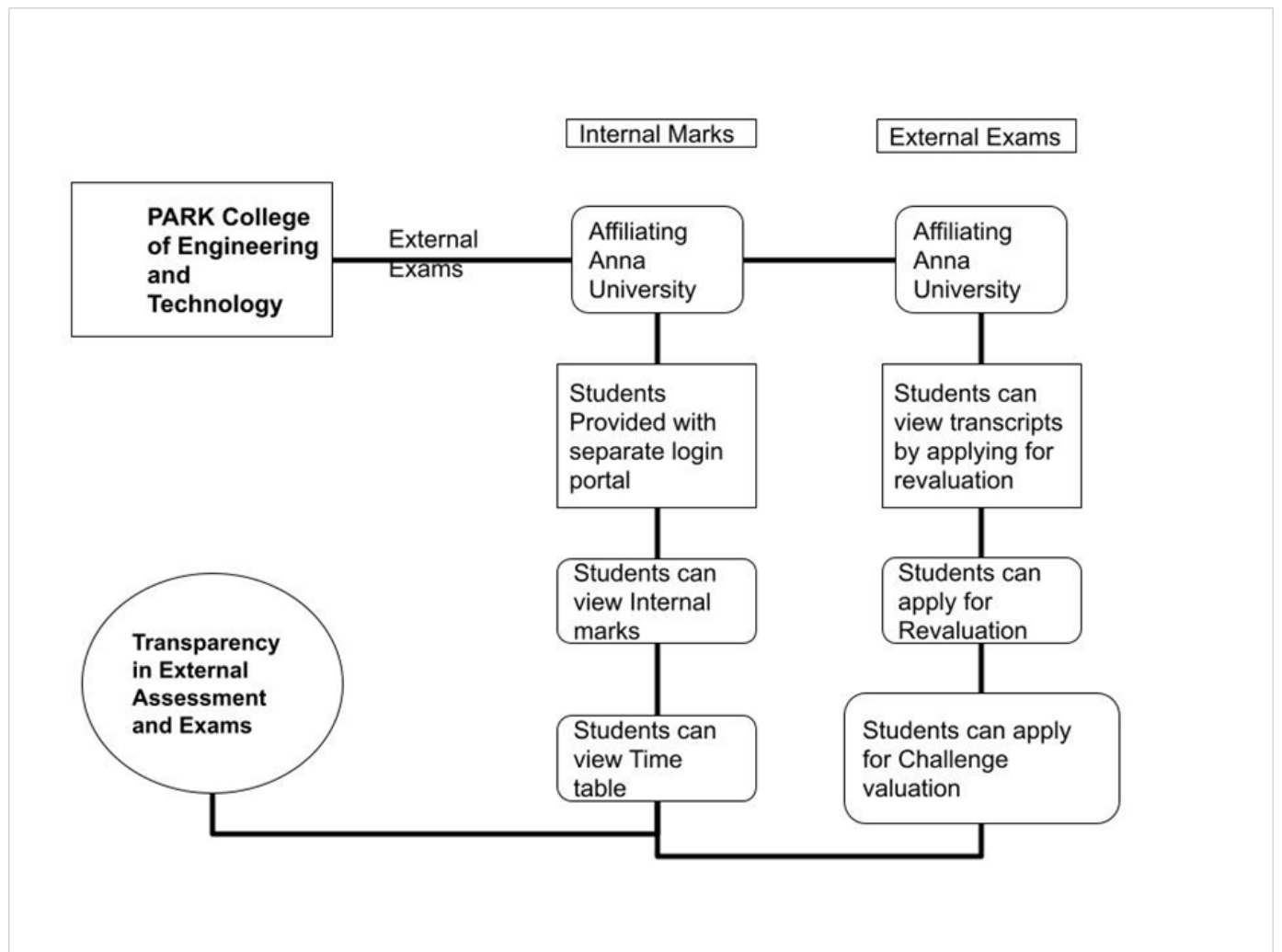


Fig: External Exams Transparency Mechanism

Some of the Procedures and Processes involved in COE Portal are

1. Internal Marks Entry
2. Receiving of Time table
3. Grievances Reporting
4. Students Profile Entry
5. Guidelines for Date of Exam and Attendance due
6. Applying External Revaluation
7. Receiving Transcripts
8. Receiving Final Results through Portal
9. Elective Selection Procedure

Practical Courses and Project works

Every practical experiment at Park College of Engineering and Technology is evaluated with respect to the conduct of an experiments . For every lab program , the student is evaluated with the assistance of viva questions, quality of Observation and experiential learning. Also the Project works are evaluated through Departmental reviews, Project Presentations and Regular Assessments.

Grievances

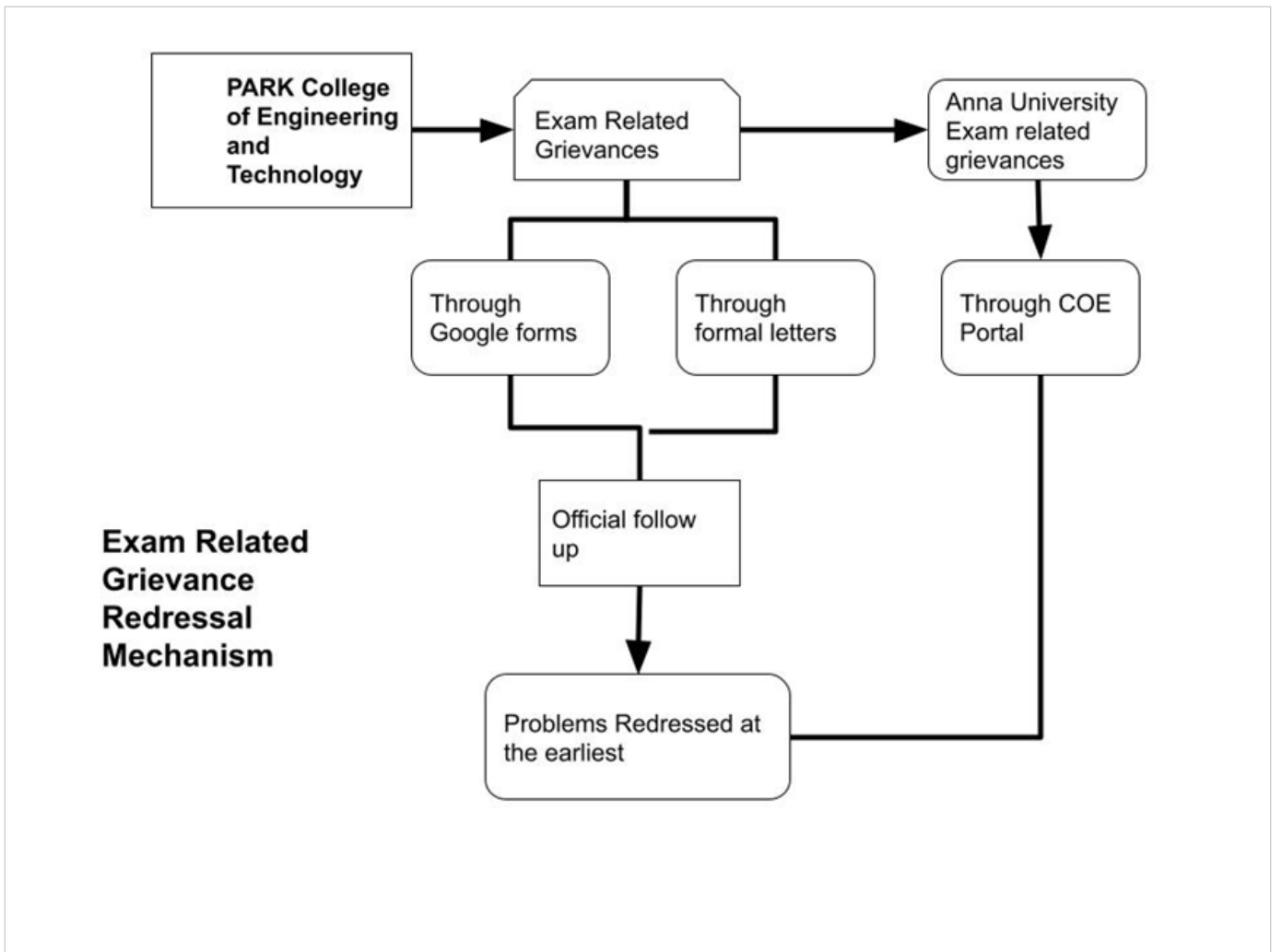


Fig: Grievances Redressal Mechanism

Collection of Grievances

Internal Exams

- 1. Through Google forms
- 2. Trough Formal Letters

External Exams

- 1. Through COE Portal login

All the grievances are addressed in Park College of engineering and Technology through transparent and efficient member

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

PCET always aims to impart outcome-based education and transform the students into socially responsible, proficient engineers. Each Program consists of twelve Program Outcomes (POs) and Three Programme Specific Outcomes (PSOs) and every program has its specified number of courses with five Course Outcomes (Cos). In the department, the level of attainment by the students in the courses is evaluated after every assessment continuously in each semester through the Course Outcomes set by university.

The course handling faculty evaluates the answer scripts of all the Continuous Assessment Test(CAT). For theory courses, the internal assessment is based on the students' performance in 3 Continuous Assessment Test (CAT) namely CAT 1, CAT 2, CAT 3 and the external assessment is rely on the end semester university examinations. The COs target for each of the courses is set as equal to the maximum attainment level, i.e. To evaluate the Course Outcomes the data is collected through Direct Assessment and Indirect Assessment.

Attainment of the POs and PSOs is calculated using direct and indirect methods.

- **Direct method** consists COs attainment of individual courses through the faculty.
- **Indirect Method** consists of the following methods.

1. **Exit Survey:** Student's Outgoing feedback is considered as an important assessment tool. The feedback form is based on a 3 point scale.
2. **Alumni Survey:** Alumni feedback is obtained annually in the prescribed format to help their juniors in various aspects.
3. **Employer Survey:** The survey obtained annually from the employers of the industry where the students are employed.

Attainment of Course Outcomes:

Benchmarks are set for the achievement of COs to determine whether they have been achieved or not.

Attainment levels are decided based on the following:

Benchmark of 60% of students get more than or equal to the threshold is Attainment Level 1 .70% Benchmark is equal to Level 2 Finally 80% of students get more than or equal to the threshold is Attainment Level 3

Attainment through University Results:

Hence the University is following grade system for awarding results for semester examination; we convert the grade to 100% and calculate the attainment level. Attainment through direct method is calculated by **Direct Attainment Level = 80% of University + 20% of Internal Test**

LIST OF ASSESMENT PROCESS

70 % of Direct Assessment + 30 % of Indirect Assessment of PO OVER ALL attainment calculated.

PSO is also same calculated approach.

HODs will collect the entire Cos, Student Exit Survey, Employer Survey and Alumni Survey, and calculate the attainment of POs and PSOs for a particular batch of passing out students.

Principal and respective department HoDs will review the POs and PSOs of every batch of students passing out from that particular department and identifies the area required for improvement. HoDs will implement the suggestions arrived at the deliberations during subsequent years to achieve the vision and mission of the institution.

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

2.6.2 Pass percentage of Students during last five years

Response: 66.18

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
327	449	135	178	267

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
417	506	255	397	474

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: 35.5

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
0	2	5	20	8.5

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:

Park College of Engineering and Technology has taken numerous initiatives for innovations, creation and transfer of knowledge. The institute has created,

- TED [Technology Engineering Design] and INK [Innovation Knowledge] programs for new innovations which has resulted into a positive impact on students learning curve and productivity in terms of good project works and paper publications.
- Research center is in progress in our institution from the year 2008. Research center promotes collaborative research for the purpose of pursuing Ph.D. program. Recognized Supervisors from the department of mechanical engineering are permitted to guide candidates to carryout Ph.D. programs. This is to assist institution in improving teaching learning environment with help of action research.
- Our Institution has created an eco-system to help students develop deep learning, higher order skills, innovative and develop new products by signing MOU with different companies.
- The Institution has developed a CDIO lab culture to improve hands on training for the students.

CDIO stands for Conceive – Design – Implement – Operate. It's an innovative educational framework for producing the next generation engineering leaders. Industry benefits because CDIO produces engineers who have the knowledge, talents and experience it specifically needs.

- A Patent has been applied by our Staffs and students with the help of the above innovative ecosystem provided by our institution.

The following projects were developed by PARK students,

1. Fabrication of Multioperation Vehicle for Agriculture application.
2. Design and Fabrication of Solar Water Heater with Zig-Zag Connector Pipe.
3. Design and Fabrication of Automatic fire protection system with 360-degree rotating sensor.
4. Mechanical and Wear Behavior of LM6 with ALO, and copper power using stir casting.
5. Design and fabrication of Solar powered Wheel Chair.

Our students have participated in workshops conducted by ISRO and IIT Madras.

1. "Basics of Geo computation and Geo web Services" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 19-10-2020 to 29-10-2020.
2. "Machine Learning Workshop-SHAASTRA" Conducted by IIT Madras during 21 and 22nd September 2019.

File Description	Document
Upload Additional information	View 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: 10

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
2	2	2	2	2

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 notified on UGC care list during the last five years

Response: 0.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	10	8	1	2

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: 0.09

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
7	13	3	3	4

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:

Park College of Engineering and Technology encourages staff and students to actively participate in programs involving social issues, for their holistic development. Our Institute work with neighboring community and carries out a range of extension programs to help on the needs of neighborhood under various schemes.

- National Service Scheme (NSS)
- Youth Red Cross (YRC)

Students from all the departments actively participated in various programs organized through National Service Scheme (NSS). NSS unit with faculty coordinator and student volunteers are active in our institution.

The various social issues addressed by our NSS volunteers include,

- Youth for Clean India
- Clear Earth, Green Earth Program
- Pollution Awareness Program
- Medical Camp
- Blood Donation Camp
- Rally for Road Safety
- Tree Plantation Program
- Seed Distribution for Public
- Feeding Birds
- Yoga for Pleasant Life

Several Community sensitization social issues are also addressed by our NSS volunteers which include,

- Rally for environmental awareness
- Election awareness program
- Covid-19 awareness Program
- Plastic Removal for Fit India
- Social Awareness Rally

The Institute also adopted a village near Kaniyur, called Unjapalayam and had a special camp in the Village for about 7 days. All the volunteers actively participated in the Special camp and delivered their duties very well. A blood donation camp was organized through which many patients in the Coimbatore hospitals were benefited. In the special camp volunteers cleaned the village temples and Schools and also conducted Medical Camp, General Camp and Eye camp. More than 150 people from the village participated and were benefitted.

Participation of students in such activities develops the knowledge of students regarding social issues, improves their leadership qualities, skill level and their self-confidence.

The institution also celebrates “Engineers Day” honoring Moksha Gundam Visvesvaraya and conducted “Science Expo” for nearby school students. The theme of the competitions was related to social issues. The best presentations were awarded prizes to encourage the students.

These activities have profound positive impact on the student and also helps in developing relationship of students with community.

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

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

Response:

Extension Activities refer to activities that engineering colleges undertake to serve the society and community beyond their academic and research mandates. These activities are aimed at creating social awareness, building community relations, promoting Social justice and contributing to the overall Welfare of society.

Park College of Engineering and Technology encourages staff and students to actively participate in programs involving social issues, for their holistic development. Our Institute work with neighboring community and carries out a range of extension programs to help on the needs of neighborhood under various schemes.

- National Service Scheme (NSS)
- Youth Red Cross (YRC)

The various social issues addressed by our NSS volunteers include, Youth for Clean India, Pollution Awareness Program, Medical Camp, Blood Donation Camp, Tree Plantation Program. Several Community sensitization social issues are also addressed by our NSS volunteers which include, Rally for environmental awareness ,Election awareness program,Covid-19 awareness Program, Plastic Removal for Fit India.

The campus cleaning campaign is also done by our NSS volunteers for maintaining the campus green, clean and offering an eco-friendly environment to all its stakeholders.

Through these extension activities our college has received awards and recognitions from various governments and government recognized bodies, these include

- Best College Award from Pollachi Blood Service Center, a Govt. Recognized Organization.
- Best Green Campus Award from Wahid Environment Tech Solutions Private Limited, a Govt. Recognized Organization.

- Certificate of Appreciation from Pollachi Blood Service Center, a Govt. Recognized Organization.
- Certificate of Appreciation from Kaniyur Panchayat for a Medical Camp Conducted.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 41

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
10	7	8	8	8

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

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 24

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:

The Institution has always been committed to providing excellent physical facilities for teaching and learning. It recognizes that a good infrastructure is essential for creating a good academic environment and enabling quality education. To ensure this, the institute consistently upgrades its infrastructure anticipating future requirements. However, the institution strongly condemns plagiarism and takes necessary measures to prevent it from happening in any form.

The college campus is spread across 26.71 acres of lush green environment with a built-up area of 103235 sq. meters. The institution provides admirable infrastructural facilities for teaching and learning, which includes classrooms, laboratories, computing equipment, and more. It also rolls out value-added programs, activity-based learning, and laboratory-oriented theory classes to bridge the gap in academic teaching and align with industry requirements. The available physical infrastructure is optimally utilized beyond regular college hours to conduct co-curricular and extra-curricular activities, placement training classes, campus recruitments, meetings, seminars, conferences, etc.

Each classroom is equipped with a blackboard, stage, sufficient number of lights, and fans. The classrooms have good ventilation and are mounted with an LCD projector with a Wi-Fi facility for ICT-enabled learning. The institution has 2 computer centers along with computers at individual department labs with the total count of 342 PCs, maintaining a student computer ratio of 2.45:1 against the AICTE requirement of 6:1.

The institution possesses various infrastructures for teaching and learning. There are 72 classrooms available for students, out of which 20 classrooms are equipped with all necessary ICT facilities to enhance the teaching-learning process. The laboratories are spacious, well-furnished, and have good ventilation and lighting facilities. All laboratories are equipped with essential equipment to meet the requirements of the curriculum. The institution has seminar halls equipped with LCD projectors, computer workstations, audio-visual facilities, and wireless internet facilities. The library is spacious, well-ventilated, and lighted with a total area of 750 sq. meters. The college library is equipped with a large number of books and journals with open access facility, and each department has its own library.

Overall, the institution has a strong commitment to providing the best infrastructure and physical facilities to facilitate quality education and academic development for its students and staff.

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:** 75.39**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
531.8	519.72	573.96	552.5	749.21

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:**

Park college of Engineering and Technology library is well-equipped with facilities and technologies to support the academic and research needs of students and faculty. With an area of 750 sq.m., the library provides ample space for students to study and research. The Open Access System followed by the library ensures easy access to books and materials without any restriction or formalities.

The salient features of the Library Management Software as mentioned are as follows:

1. Open Access System - The library has a free to read and unrestricted system in accessing all resources directly from its stored places. It helps to compare the resources between authors and publishers, facilitating access to the contents and then selecting the appropriate resources.
2. OPAC Service - The Online Public Access Catalogue (OPAC) is a search engine to search the books and journals catalogued through automation software. This service enables students and faculty members to search for resources and check their availability from any device connected to the internet.
3. Library Blog - The library blog is a single webpage that provides access to all the library resources and online links such as e-books, e-journals, and question papers. These resources can be accessed directly from the library blog, which makes it convenient for users to access them.
4. Digital Library with 12 Systems - The institution library consists of 12 PCs for the Digital Library users for accessing all digital contents including CD/DVDs.
5. Support to students for self-learning activities - Regular orientation programs are conducted to educate the users on the available resources and the method to access them. It also gives

information on the new arrivals of resources.

6. Library Hour - Students are allotted with compulsory library hours in a week to utilize the printed and e-resources available in the library.
7. NPTEL Video Sessions - Lecture Videos from IIT institutions are subscribed and downloaded from the NPTEL Portal. It is being displayed to the students as a Video Session on the relevant course or topic.
8. Help Desk Reference Service - The Help Desk Reference assists the users personally by the library professionals in accessing and retrieving information at any time.

Open Access System is followed in the library. It consists of Reading section, Stack area, Reference section, Periodical section, Acquisition section, Circulation section and Technical section. The total collection of the college library is 13021 titles, 40719 Volumes and subscribes to 95 National and International journals. The library has an Integrated Management System called CMS Software (College Management System Software) is being used. The Software system has functionalities that enables the library to manage its operations viz., acquisition of books and materials, creation and maintenance of catalogue database, circulation of its holdings, transaction, etc.

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

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

The IT facilities available in our institution are state-of-the-art. We have a dedicated team to work round the clock to ensure that all our hardware and software are up-to-date and functioning without any problem. The college provides computer facilities to the students to learn experimentally and also to gain access to the cutting-edge technologies in the IT world. These systems have excellent networking facilities.

The IT facilities that are available in supporting academic and non-academic activities include:

- 1) Desktop computers in all departments.
- 2) All desktop computers are connected to Campus Network.
- 3) Laser Printers provided in all departments
- 4) LCD projectors available in all ICT enabled class rooms

- 5) All the latest Software are regularly updated to keep in pace with development.
- 6) All computer systems are connected to Uninterrupted Power Supply.
- 7) Both indoor and outdoor spaces in the college premises are under surveillance with 10 CCTV cameras for the safety of students and faculty. The cameras are increased from time to time based on the requirement
- 8) The institution has a digital library server for the students and faculty members. They can access the server through intranet at any time for e-books and a lot more.

Apart from the computer laboratories setup for syllabus programs the Institutes have provided computer centers for general purposes and learning during extra hours. This includes Internet Facilities available through leased line and Wi-Fi for providing continuous and uninterrupted internet connectivity to students and faculty members. These facilities are also available to students beyond college hours for preparation of seminars & projects and research-orientated work. The entire campus including the hostels is Wi-Fi enabled and students can access the internet on their laptops round the clock.

100MBPS Broadband

Wi-Fi facility 24 hours in campus*

Dedicated INTERNET LAB

We have local area wireless technology which allows an electronic device to exchange data or connect to internet using 2-12MBPS* in our college campus and in UG and PG hostel.

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

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

Response: 3.76

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

Response: 342

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: 49.92

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
416.67	418.67	297.78	284.17	520.7

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: 78.09

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
954	1231	1176	1427	1402

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: 18.92

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
434	285	312	262	207

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: 48.76

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
208	197	183	176	235

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
417	506	255	397	474

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: 42.11

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
3	2	0	2	1

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
5	7	4	2	1

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: 39

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
15	9	2	7	6

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: 31.4

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
48	22	30	29	28

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:

The Alumni Association headed by its Secretary ,Dr.Kumarasen, HoD of Department of Mechanical Engineering , regularly conducts association meeting yearly once for the benefit of the students.

The main objective of Alumni Association is

1. To promote the interaction among the alumni and the juniors.

2. To encourage responsibility of the alumni in improving the academics and college.
3. To extend their support by arranging for placement drives
4. To share the industry needs , latest technology used in corporate to their juniors.
5. Help juniors by giving guidelines for preparing and facing placement drives.
6. Provide non-financial support like Conducting seminars and workshops to juniors in latest technologies

Non-Technical Support:

Alumni support in curricular, extracurricular and co-curricular activities like sports/cultural/workshop/seminar/books donation. As they have organized many events while they studied, this experience helps the juniors a lot in conducting programs. Regular seminars will be organized by inviting alumni as resource person to deliver latest technologies by many departments. Distinguished alumni are regularly invited as chief guest in college events and honored. Some of the alumni are employed as faculty members in various departments and are contributing to the growth of the institution.

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:

Park College of Engineering and Technology vision is pioneer potentials of students and faculty in engineering training via global class infrastructure and educational assets for mastering, teaching and studies. Our Institution infrastructure and facilities are of very excessive standards. To preserve world class laboratories, workshop and academic resources for learning, coaching and research and make sure powerful implementation of the given curricular through quite certified and able faculty. Our institution offers continuous assessment, evaluation, check and examinations for enhancing our students benefits. Our institution satisfactory policies are dedication to non-stop improvement in all areas and involvement of people in any respect stages.

The Institution need to have a well-based organizational chart with governance at diverse ranges to attain the vision and venture of the institution. The governing council manages the organization, such as eminent members of the management, academicians, industrialists, and educationalists, engaging in meetings once a year to study sports and propose new initiatives. The principal is the head of both academic and administrative inclusive of IQAC, the member secretary of the governing council of our institutions, and takes instructional decisions as in keeping with the rules of the affiliating college. Regular discussions arise among the Principal, HOD's, execute guidelines in every branch. Different committees support governance, consisting of planning and monitoring board, IQAC, satisfactory improvement cell, discipline committee, anti-ragging committee and squad, criticism redressal committee, instructional squad committee, research and improvement cell, industry institute player cell, library committee, branch advisory committee, elegance committee, women empowerment cell, entrepreneurship improvement cell, training and placement cell, sports committee, sc/st committee, and hostel committee. All sports are deliberate structurally in line with the vision & task. The institution promotes decentralization and participative control, with stakeholders involved in committees in keeping with their roles. The recruitment manner for faculty individuals is transparent, finished by means of the human resource branch, and includes figuring out body of workers necessities, a screening take a look at, an interview, a presentation, reference test, and very last approval from the management. The organization emphasizes the qualifications and experience of the applicants, evaluating them via a criterion-based device.

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

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:**

The Governing Council Being the Perfect Administrative Authority of the institution plays the following features That Includes monitoring the Educational, Placement and different related Sports of the College, thinking about the hints of the team of workers choice committee and additionally recollect the crucial communications, policy selections obtained from the college, authorities, AICTE, and so on. It also monitors the faculty development packages and R&D activities. To put together for accreditation, association and autonomous system. To consider the intake details and introduction of new courses. To approve the yearly budget of the college. The most important of the strategic plan is to broaden exceptional of education in step with imaginative and prescient and challenge of the group. The institution has organized a study strategic plan for five years and formulated objectives very without a doubt. The following goals are reaching instructional excellence by using nurturing experiential mastering via ICT , exploration of knowledge via innovation and research, exponents for the development of a properly-rounded man or woman with global vision & social duty. Relentlessly pursue institutional effectiveness through first-class warranty systems the strategic plan for 5 years of the organization strictly adheres to excellence at all levels. The Management, Principal, HOD's and the staff members constantly make certain that the imaginative and prescient is deployed correctly with the aid of promoting cost-primarily based high-quality education with ethical values.

Appointing Quite Qualified and skilled college individuals. Providing notable infrastructure facilities. Encouraging college to improve their expertise in line with the ultra-modern technology. Selling research & development sub-culture amongst college and college students. Encouraging tie-up with enterprise thru MOU's. Organizing programmes to growth the employability competencies of college students. Augmenting Library and Computer facilities. Encouraging participation of students in different sports to assist them to grow to the position, emotionally and intellectually.

Our Institute offers diverse widespread measures via human sources management for employees utilization which includes: issuing appointment order primarily based on their willingness to work within the Institute for a certain period of time, faculty salary is furnished as per AICTE norms, resignation will no longer be universal in the center of the academic year, three month notice is a required for resignation in all instances to permit the institution to make alternative association of college, based totally on faculty performance, they will be honoured with promotions and increments to enhance up their paintings. Our Institute has Internal Quality Assurance Cell (IQAC) that is in full swing in imposing to elevate the requirements in activities, regulations and procedures. IQAC plays a important position within the pursuant betterment of the Institute in its every step closer to excellence. First-class enhancement and sustenance is the steadfast dedication of the IQAC and its movements and activities assist the group in making plans and executing. IQAC has its hand in forming the society of stake holders to make a contribution inside the nice enhancement sports of the organization.

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

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:

The Institute has a properly-described welfare measures and appraisal device for both teaching and non-coaching workforce individuals. The Welfare measures encompass centers and offerings to assist the instructional and career development, health, performance, economic widespread betterment, and social reputation of the faculty members. The appraisal device is based on self-appraisal, where in school members examine their overall performance primarily based on set goals and overall performance standards. The file is used to discover strengths and weaknesses for profession advancement. Moreover, college students compare team of workers individuals through a nicely-established questionnaire, and the HOD analyzes the reports and communicate to the Principal. Parameters for appraisal of non-teaching team of workers consist of experience, ability up-gradation, comments from HOD and primary, energetic participation in group-paintings, work discipline, and super achievements of their works. Common, the organization has an effective welfare measures and overall performance appraisal device in region for its personnel contributors.

The Institute Has Powerful Welfare Measures for Teaching and Non-Coaching Staff that includes: Circle of relative's quarters/ Body of workers quarters for residential, unfastened delivery centers for each teaching and non-coaching staffs, Worker provident fund for coaching and non-teaching workforce. Our institution offers organization insurance for colleges and students and additionally provides 3 month maternity go away for lady schools and grant diverse welfare scheme circular. The institution also affords on duty go away for attending seminars, Conference, Inter college Fest, Workshop, FDP, symposium, internship for college students to flourish their talents. Our Institute also aims in presenting free education scholarship for personnel family individuals and additionally render on duty leave for PH.D associated works for staffs.

Our institution gives diverse fashionable measures through human assets management for personnel usage which includes: issuing appointment order based totally on their willingness to work in the group for a certain time period, faculty revenue is provided as in keeping with AICTE norms, resignation will no longer be generic inside the middle of the academic 12 months, 3 month word is a required for resignation

in all cases to permit the institution to make opportunity arrangement of faculty, primarily based on college overall performance, they will be venerated with promotions and increments to reinforce up their paintings.

Our institution has Internal Quality Assurance Cell (IQAC) that's in full swing in imposing to raise the requirements in activities, policies and strategies. IQAC performs a crucial position within the pursuant betterment of the university in its each step towards excellence. Best enhancement and sustenance is the steadfast commitment of the IQAC and its movements and sports assist the organization in making plans and executing. IQAC has its hand in forming the society of stake holders to contribute inside the pleasant enhancement activities of the institution.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 43.14

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
91	70	81	97	76

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: 39.98

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
91	70	81	97	76

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
15	15	15	15	16

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:

Our Institution has a well-described economic gadget and techniques in vicinity for mobilizing and utilizing finances from diverse assets. The main supply of profits is through fee collection, and the institution plans out the usage of financial assets at the start of each educational year. The budgeting machine is used to allocate and correctly utilize monetary resources, and every transaction is recorded and updated in the centralized accounting gadget. Park education trust agree with continues a completely obvious economic gadget. There are properly-defined methods for sanctioning budget to expenditure. The only cause of a financial audit is to offer Control, Important, and HODS affordable warranty that financial statements are correct and entire. Fee payments are endorsed through on line mode and proper records are maintained through the accounts department. All the payments/vouchers are audited by way of the inner auditor once in 3 months. Believe deputes the officials to carry out the internal auditing. Detail observations are carried out and any deviations or clarifications are discussed with the accounts department/main. Internal auditor prepares an in depth file mentioning the brief comes and approaches to rectify them, the document is forwarded to the management for observe-up activities. The internal auditor document casing all matters related to account renovation is preserved for perusal. The following are the parameters inner audits are performed. Earnings statements and attendance registers, Expenses statements are verified with the books of account. Auditioning come and expenditure towards the events such as seminars, workshops, conferences, cost-added courses, sports and so on. Remuneration and gifts to invited speakers, experts, juries of the events, and many others. Purchase of devices/gadget, computer systems, stationeries, books, and many others.

Maintenance of accounts towards construction, laptop, lab equipment, landscape, hostel mess, transportation, and many others. At the give up of every financial year annual accounts, announcement, stability sheets, receipt & price, and earnings & expenditure are submitted to the outside auditor and a final audit locating is provided to the management. Audited financial statements are made public by placing them on group portal; annual returns are submitted to the earnings tax authorities in time. The institution has not obtained any finances or presents from non-governmental our bodies, individuals, or philanthropies. Over the past five years. But, it maintains transparency in its financial gadget and encourages price payments through online mode. The internal audit is performed once in 3 months via deputed officials, and the observations and shortfalls are discussed with the bills branch and the fundamental. The external audit is conducted at the cease of every financial yr, and audited economic statements are made public at the group portal. Usual, it appears that the institution has a good device in vicinity for undertaking financial audits regularly, each internal and outside.

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

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:

IQAC miles a Committee Fashioned in Educational establishments to develop a Gadget for Conscious, Constant, and catalytic movement to improve the Educational and Administrative Performance of the institute. IQAC is accountable for reviewing the coaching-mastering process, structures, and methodologies of operations, and studying effects at periods and recording incremental improvements in diverse activities. IQAC has contributed substantially to institutionalizing first-rate assurance techniques and approaches through playing an crucial position in imposing exceptional initiatives in each factor. As an instance, IQAC conducts academic and administrative audits two times a yr to examine and decorate the standards of technical training. The hints given by way of the audit individuals are everyday and implemented within the branch to make the instructional manner greater powerful. IQAC additionally performs a essential role in training and location activities. The centre for education & placement interacts with reputed agencies everywhere in the country for arranging campus interviews for the final year students. IQAC makes efforts to prepare technical seminars, workshops, and company expectation periods, and enterprise employees are invited periodically to enhance the know-how of college students with the today's technological improvements and industry practices. IQAC is responsible for developing a mechanism for monitoring and evaluating the teaching-learning process to ensure the great teaching that takes area via non-stop and rigorous educational audits. It additionally allows coaching-studying reforms and the implementation of mentoring systems working in the direction of improving the institutional way of life to better serve the desires of the ever-converting and dynamic studying community. Mentors are

duly assisted by using different college members in providing individual care, and counselling, and also in monitoring the student's academic progress. Mentors hold the mentee reports containing information of their counselling and academic history, co curricular/extracurricular activities, and achievements. Information about the progress and problems of the individual student is intimated to the respective parents periodically through phone calls. A crew of senior faculty plays the audit, and the most important and head of the departments at the side of the audit discuss the remedies to be taken to overcome the observation and non-conformity. The auditors will verify the following info during an audit including tracking of syllabus coverage, attendance renovation, lecture notes & log e-book upkeep, training of internal evaluation query paper, answer key and question financial institution, internal evaluation check and end result analysis of examinations. The feedback on course handling faculty of the institutions and feedback collected from the students through the class committee which is conducted four times per semester. Contributors for class committee meetings include one chair person, class advisor, course teaching faculty members, magnificence marketing consultant, direction teaching faculty individuals, and five students from different levels representing that particular magnificence and HOD. Students are given the freedom to raise any sort of problems related to the teaching-getting to know technique, facilities provided, or every other applicable matter. The report of this meeting is analyzed and if any issues are recognized then corrective measures are taken by the HOD in consultation with the Principal.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: B. Any 3 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:

Park College of Engineering and Technology (PCET), Coimbatore, has been taking several initiatives to promote gender equity and inclusivity on campus. The institution has implemented various measures to support gender equality and empower women. Moreover, the college has also been actively celebrating and organizing different national and international commemorative days, events, and festivals like Pongal celebrations, Pooja celebrations, Independence Day, Republic Day, etc. over the last five years.

Promoting Gender Equity:

PCET has established a Gender Sensitization Cell to create awareness among students and faculty members about gender-related issues. The cell has organized various workshops and seminars to sensitize the community towards the need for gender equality. The college has also instituted a Women's Cell that addresses the issues faced by women on campus and provides a platform for them to voice their concerns.

The college has taken several measures to ensure the safety and security of women on campus. It has installed CCTV cameras across the campus and provides a 24/7 security presence. The college also conducts regular awareness campaigns on sexual harassment and has set up a dedicated grievance redressal mechanism to address complaints related to sexual harassment.

PCET also provides opportunities for women to excel in their chosen fields. The college has instituted several scholarships and awards exclusively for women students to support and encourage them. Additionally, the institution has also recruited a significant number of women faculty members to ensure gender diversity in the teaching staff.

Celebrating National and International Commemorative Days:

PCET celebrates various national and international commemorative days to create awareness and promote social harmony. The college organizes events and activities on days like International Women's Day, International Day of Yoga, World Environment Day, National Science Day, and National Youth Day.

On Independence Day and Republic Day, the college organizes flag hoisting ceremonies and cultural programs to celebrate the occasions. The students participate in patriotic songs, dances, and skits, and the faculty members deliver speeches to motivate and inspire the community.

PCET also celebrates Pongal and Pooja festivals with great enthusiasm. The college decorates the campus with rangolis, flowers, and lamps and organizes cultural programs where students and faculty members participate in traditional dances and songs. The college also serves traditional foods during the celebrations, which bring a sense of community and togetherness among the students and staff.

Conclusion:

Park College of Engineering and Technology, Coimbatore, has been taking several measures to promote gender equity and inclusivity on campus. The institution has established a gender sensitization cell and a women's cell to address issues related to gender equality. The college also celebrates various national and international commemorative days to create awareness and promote social harmony. PCET's initiatives to promote gender equity and celebrate important events are commendable and contribute to the overall growth and development of the community.

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 diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and

responsibilities of citizens (Within 500 words)

Response:

Park College of Engineering and Technology (PCET), Coimbatore, is dedicated to providing an inclusive environment that promotes tolerance and harmony towards cultural, regional, linguistic, communal, and socioeconomic differences. The institution recognizes the significance of creating a safe and inclusive campus that supports diversity, equity, and social justice. The college has taken numerous initiatives to sensitize students and employees to their constitutional obligations, values, rights, duties, and responsibilities as citizens.

Efforts to Create an Inclusive Environment:

PCET has established a Diversity and Inclusion Cell to foster a culture of inclusivity and diversity on campus. The cell works towards promoting a positive and supportive environment for students and employees from different cultural, regional, linguistic, and communal backgrounds. The college has instituted various programs and activities to celebrate diversity and promote understanding and tolerance among the community.

The institution has taken steps to create a physically accessible campus for students with disabilities. The college has installed ramps, elevators, and other facilities to ensure that students with disabilities can access all areas of the campus without any difficulty.

Sensitization of Students and Employees:

PCET conducts regular training and sensitization programs for students and employees to promote awareness about the constitutional obligations, values, rights, duties, and responsibilities of citizens. The college organizes workshops and seminars on topics related to gender sensitivity, human rights, and social justice.

The institution has implemented a code of conduct that outlines the expectations of behavior for students and employees. The code of conduct emphasizes the importance of respect, tolerance, and inclusivity towards individuals from diverse backgrounds. The college takes strict action against any form of discrimination or harassment on campus.

Celebration of Cultural and Communal Diversity:

PCET celebrates various cultural and communal festivals to promote a sense of unity and understanding among the students and employees. The college organizes events and activities on occasions like Diwali, Pooja celebrations, Christmas, Eid, and Pongal. The institution encourages students and employees to participate in these celebrations and learn about the cultural and communal diversity of India.

National Service Scheme (NSS) Activities:

PCET has an active NSS unit that organizes various activities to sensitize students to their constitutional obligations, values, rights, duties, and responsibilities as citizens. The NSS unit conducts various programs like blood donation camps, health camps, and awareness campaigns on topics like environmental protection, literacy, and hygiene. The NSS unit also organizes events to promote communal harmony and

unity among students from diverse backgrounds.

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: STUDENT MENTORING PROGRAM

Objective: To provide guidance and support to students for their academic, personal and professional growth.

Target Group: All students of the institution

Park College of Engineering and Technology, Coimbatore has implemented a Student Mentoring Program as a best practice to provide guidance and support to the students for their academic, personal and professional growth. The program aims to provide a platform for students to interact with their mentors and seek guidance in their academic and personal life.

The program is designed to identify the needs of the students and provide them with the necessary support and guidance. The mentors are faculty members who are assigned to each student based on their academic performance, interests, and background. The mentors guide the students in their academic pursuits and provide them with career guidance, counseling, and support.

The program is implemented through a structured approach that includes regular meetings between the mentor and the student. The meetings are conducted on a one-to-one basis, where the mentor discusses the progress of the student and provides feedback and guidance. The mentors also provide assistance in developing study skills, time management, and other skills required for academic success.

Apart from academic guidance, the mentors also provide emotional support to the students. They help the students to deal with stress, anxiety, and other personal issues. The program has helped the students to develop a positive attitude towards their academic pursuits and has also helped them to develop a strong sense of responsibility towards their personal and professional life.

The program has been successful in achieving its objectives and has received positive feedback from the students. The program has also been appreciated by the parents and has helped to improve the overall academic performance of the students.

Best Practice-2: EMPOWERING STUDENTS THROUGH SKILL DEVELOPMENT TRAINING

Title: Empowering Students through Skill Development Training Objective: To enhance the employability skills of the students and prepare them for the job market. Target Group: All students of the institution

Park College of Engineering and Technology, Coimbatore has implemented a best practice of empowering students through skill development training. The objective of the program is to enhance the employability skills of the students and prepare them for the job market.

The program is designed to provide students with the necessary skills and knowledge required for their career development. The program includes a range of training sessions that focus on developing skills such as communication, problem-solving, decision making, leadership, teamwork, and technical skills. The training sessions are conducted by experts in the respective fields, and the students are provided with hands-on experience in using the latest tools and technologies.

The program is implemented through a structured approach that includes pre-assessment, training, and post-assessment. The pre-assessment is conducted to identify the existing skills and knowledge of the students. Based on the assessment, the training program is designed to address the specific needs of the students.

The training program includes classroom training, practical sessions, industry visits, and workshops. The classroom training focuses on theoretical concepts, while the practical sessions provide hands-on experience in using the latest tools and technologies. The industry visits and workshops provide an opportunity for the students to interact with industry professionals and learn about the latest trends and technologies in their respective fields.

The post-assessment is conducted to evaluate the effectiveness of the training program. The students are evaluated based on their performance in the training program and the skills acquired. The program has been successful in enhancing the employability skills of the students and preparing them for the job market.

The program has also helped the students to develop a sense of confidence and self-reliance. The program has received positive feedback from the students and has helped to improve the overall employability of the students.

Conclusion

The Park College of Engineering and Technology, Coimbatore has successfully implemented two best practices – Student Mentoring Program and Empowering Students through Skill Development Training. The mentoring program provides academic, personal and career guidance to students, helping them to overcome challenges and achieve their full potential. The skill development training programs help students to develop technical and soft skills that are essential for success in the workplace. Both best practices have been successful in enhancing the academic and professional performance of students, making them more competitive and employable. The college's commitment to these best practices has helped to establish it as a leading institution in the region.

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:

Park College of Engineering and Technology, Coimbatore is committed to providing an innovative and progressive learning environment to its students. To drive innovation in research and development, the college has implemented the CDIO (Conceive-Design-Implement-Operate) framework, which focuses on hands-on learning and practical application of knowledge. This framework has helped the institution to excel in the area of research and development and has provided students with the necessary skills and knowledge to become successful engineers.

The CDIO framework has been implemented to address the changing needs of the engineering industry, which demands engineers with practical skills and knowledge to solve real-world problems. The framework focuses on developing the students' ability to conceive, design, implement, and operate complex systems. This approach is supported by a project-based learning methodology, which encourages students to work collaboratively in teams to solve complex problems.

One of the key advantages of the CDIO framework is that it provides a structured approach to learning. This approach enables students to develop a strong foundation in the fundamentals of engineering, which is essential for the effective application of knowledge. The framework also encourages students to apply their knowledge to real-world problems, which helps to bridge the gap between theory and practice. This approach has proven to be very effective in preparing students for the challenges of the engineering industry.

Park College of Engineering and Technology, Coimbatore has successfully implemented the CDIO framework in its research and development center. The center has been designed to provide students with hands-on experience in research and development, which is essential for the effective application of knowledge. The center has state-of-the-art equipment and facilities, which enable students to work on complex projects and experiments.

Park College of Engineering and Technology, Coimbatore, has established research centers in various fields such as Computer Science and Engineering (CSE), Aeronautical Engineering (AERO), and Mechanical Engineering. These research centers have been approved by Anna University, which is a renowned institution in the field of engineering and technology.

The research centers at Park College of Engineering and Technology are equipped with state-of-the-art facilities, including advanced labs and equipment, to support research in various fields. The research centers are staffed with highly qualified and experienced faculty members, who are actively engaged in

research and have published numerous research papers in prestigious journals and conferences.

The CSE research center at Park College of Engineering and Technology has completed several research projects, including projects funded by government organizations such as the All India Council for Technical Education (AICTE) and the Department of Science and Technology (DST).

Similarly, the AERO research center at Park College of Engineering and Technology has completed several research projects, including projects funded by government organizations such as the Science and Engineering Research Board (SERB).

The Mechanical research center at Park College of Engineering and Technology has also completed several research projects, including projects funded by government organizations such as AICTE and DST.

The research centers at Park College of Engineering and Technology have not only contributed to the advancement of knowledge in their respective fields but have also provided valuable opportunities for students to engage in research and gain practical experience. The research centers have organized several workshops, seminars, and training programs to enhance the research skills of students and faculty members.

In conclusion, the CSE, AERO, and Mechanical research centers at Park College of Engineering and Technology have made significant contributions to the fields of computer science, aeronautical engineering, and mechanical engineering, respectively. The research centers have completed several research projects funded by government organizations, which have not only advanced knowledge in their respective fields but have also provided valuable opportunities for students to engage in research and gain practical experience.

The CDIO framework has also helped the institution to promote a culture of innovation and entrepreneurship among its students. The framework encourages students to think outside the box and to develop innovative solutions to problems. This approach has been very effective in promoting a culture of innovation and entrepreneurship among the students.

The Park College of Engineering and Technology, Coimbatore has also established several programs and initiatives to support the implementation of the CDIO framework. These programs and initiatives include workshops, seminars, and training programs, which are designed to provide students with the necessary skills and knowledge to implement the CDIO framework effectively.

Overall, the Park College of Engineering and Technology, Coimbatore has been very successful in applying the CDIO framework to drive innovation in its research and development center. The framework has provided students with the necessary skills and knowledge to become successful engineers. The research and development center has been instrumental in driving innovation in the field of engineering and has provided students with the opportunity to work on live projects and gain practical experience. The institution's commitment to promoting a culture of innovation and entrepreneurship has been very effective in preparing students for the challenges of the engineering industry.

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

5. CONCLUSION

Additional Information :

Park College of Engineering and Technology (PCET) has introduced the Conceive, Design, Implement and Operate (CDIO) approach in the engineering education for undergraduate students. The CDIO initiative aims to produce more effective engineers and the next generation of engineers. The primary reason for using CDIO in engineering education is to expose students to work methods used in industry, while the secondary reason is to provide a useful tool for assessing students' skills. The CDIO framework uses integrated learning to develop deep learning of the disciplinary knowledge base and personal, interpersonal, product, process, and system building skills. The CDIO project is an international initiative that aims to develop a new model for engineering education. The CDIO approach stresses engineering fundamentals in the context of conceiving, designing, implementing, and operating real-world systems and products. The CDIO process includes four stages: Conceive, Design, Implement, and Operate. The three main goals of CDIO are to educate students to master a deeper working knowledge of the technical fundamentals, to educate engineers to lead in the creation and operation of new products and systems, and to educate future researchers to understand the importance and strategic value of their work. The CDIO standards address program philosophy, curriculum development, design-build experiences and workspaces, methods of teaching and learning, faculty development, and assessment and evaluation. We are encouraging our students to participate in project-based learning with the outside companies and also, we motivate them to engage themselves in internships. Our college is conducting Alumni tournaments every year between Alumni and the current students to maintain a cordial relationship. We have a good number of transport facilities and ambulance for emergency needs. Water level is monitored in each hostel to check its water consumption. Reverse Osmosis (RO) filter has been placed in every floor at our college building to serve the students. We had conducted Zonal and Inter-college hockey tournaments and our students participated in outside zonal tournaments and won first place in hockey. We had indulged in collaborative activity with Vesrad Technologies and we have research centre to aid the carrying-out of funded projects.

Concluding Remarks :

Established in 1996, the Park College of Engineering and Technology is located in Tamil Nadu, just 28 km east of the bustling industrial city of Coimbatore. From a very humble beginning in 1996, our college has now evolved and got ready for being accredited by reputed accreditation agencies like NAAC so that it is able to fulfil the dreams of our students and all stakeholders in all aspects for the forthcoming years. The buildings, hostels, workshops, laboratories, playgrounds, and gardens of the college are thoughtfully designed by experienced architects and educationists to provide a functional and aesthetically pleasing environment that is conducive to learning, working, and living. The premises are an ideal place for students to pursue their academic goals and explore their passions. The college has established an environment that fosters growth, with impressive infrastructural facilities, green and serene premises, and a talented, highly qualified, experienced, skilled and motivated faculty, and student body. The college's dedicated and progressive management aims to showcase the institution as one of the best engineering institutions in the country. The college has a track record of excellence demonstrated by continuous placement, sponsorship of research projects, high-grade accreditation, top media rankings, and a strong reputation in the academic community. The Management has a long-term vision for the institution and aims to achieve all-round development and growth. The development of machinery, tools, equipment, and operational systems is the result of the combined efforts of creative minds and skilled hands. These experts possess specialized knowledge and abilities that are passed on to countless

individuals through education and training. At Park College of Engineering and Technology, we empower our students to sharpen their minds and unlock the power of their hands. Our institution closely monitors global industry trends to ensure that our curriculum provides students with the technical education they need to thrive in the modern workforce. By offering comprehensive training and guidance, we equip our students with the skills and expertise they need to succeed in their chosen field.