SELF STUDY REPORT

FOR

4ᵗʰ CYCLE OF ACCREDITATION

SCTR'S PUNE INSTITUTE OF COMPUTER TECHNOLOGY

SCTRS PUNE INSTITUTE OF COMPUTER TECHNOLOGY, SURVEY NO.27,
NEAR TRIMURTI CHOWK, DHANKAWADI
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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

SCTR's Pune Institute of Computer Technology (PICT), an elite academic Engineering Institute affiliated to Savitribai Phule Pune University(SPPU), located in Pune (India), known as the Oxford of the East. Since its inception in 1983, under the aegis of Society for Computer Technology and Research (SCTR), it's playing an inspiring role in Higher Technical Education by nurturing skilled and industry-ready engineers. PICT constantly endeavours to achieve higher levels of technical ingenuity & value-based quality education through undergraduate (UG) programmes in Computer Engineering (CE), Electronics & Telecommunication Engineering (E&TE), and Information Technology (IT). The post-graduate (PG) programmes in Computer Engineering, Data Science, Electronics & Communication (Wireless Communication Technology), and Information Technology promote a domain speciality & high-quality research environment in emerging technological avenues. PICT is also a Savitribai Phule Pune University (SPPU) recognized Research Centre (PhD) in Computer Engineering and Electronics & Telecommunication Engineering.

PICT is a AICTE Approved, SPPU affiliated, ISO 9001:2015 Certified, and NAAC accredited (3rd Cycle) institute. All the UG programmes are NBA Accredited (CE and E&TC – 6 times, IT – 4 times). PICT is ranked 8th among private Engineering Institutions in India, 1st among all private Engineering Institutions in Maharashtra, and 4th among all Engineering Institutions, including IITs, NITs, and Govt. Colleges in Maharashtra (as per the EDU-RAND ranking- 2015). We are placed in the NIRF ranking band of 201 to 250, as per the NIRF 2021 Ranking.

While PICT is the most preferred institute for students from all over India, the institute is also renowned for its "Industry-oriented futuristic Vision". Back in 1983, considering both, the expected exponential increase in demand for Computer Engineers globally and expected IT upsurge specially in Maharashtra, due to our great visionary Management, PICT is the first private self-financed institute to launch the Bachelor of Engineering programme in Computer Engineering in Maharashtra. Continuing the legacy of visionary leadership and taking the baton ahead, our Vigilant Management now endeavours to create a potential workforce with skilled & talented industry-ready manpower for the booming semiconductor & other industries by launching courses in these emerging areas. PICT students are always involved in creating and sustaining cutting-edge technology to surpass the competition.

Specialized laboratories/centres/facilities (like Virtual FinTech, SAS Language, e-yantra IIT Bombay, National Instruments LabVIEW, Centre for Wireless Communication, 3D Printer, Robotics & Automation, etc.) enable our students to learn in an industry-focused environment. PICT has a well-established Research & Development (R&D) center. Our faculty members have undertaken numerous research projects result in quality publications/patents/consultancy/product development.

Vision

Pune Institute of Computer Technology aspires to be the leader in Higher technical education and research of international repute

Mission

To be the leading and the most sought-after institute of education and research in emerging engineering and technology disciplines that attracts, retains, and sustains gifted individuals of significant potential.

Objectives of the Institute are to

- Provide best technical, professional, multidisciplinary education at both Undergraduate and the Post Graduate level, and also inculcate research in the field of Information Communication Technology (ICT) leading to professional excellence of the students.
- Facilitate all-round development of the students not only in the academics but also to excel in cocurricular, extra-curricular, professional society activities resulting in a holistic development of the students.
- Provide the state-of-the-art infrastructural classroom and laboratory learning facilities.
- Facilitate continuous capacity building of faculty in the domain expertise, pedagogical practices, research, and communication skills for lifelong learning.
- Engage in academic, application oriented socially relevant research work and disseminate the research outcomes to the benefit of industry, society, and nation.
- Involve all the stake holders, especially Alumni in meeting the vision and mission of the institute.
- Contribute towards fulfilment of the needs and wellbeing of the society and community.

Core Values

- **Integrity:** All the academic and research activities will be carried out by the institution in an environment adhering to highest standards of ethics, transparency, freedom, and honesty.
- **Humility:** Institution upholds the respect and dignity of every individual with equality irrespective of the position, caste, creed, religion, region.
- **Responsibility and Accountability:** Every individual in the institution is responsible for our words, our actions, and our results.
- **Empathy:** Institution is well aware of the conditions of all the sections of our society and shall strive to contribute towards the betterment of everyone as a team.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Committed and visionary management with high ethical and administrative values.
- Centrally located campus with good accessibility facilities.
- 100% admissions with quality intake of students with high cut-off percentile.

- Excellent academic environment, disciplined and committed faculty.
- Well-equipped laboratories with 3D printing facility, resourcefull library, and infrastructure
- Excellent results, placements, achievements.
- Good student faculty ratio and well qualified supporting staff.
- Long term Accreditations from NBA, NAAC.
- Rigorous well planned academic programmes.
- State-of-the-art research facilities with shared open access.
- Strong administrative system with a modern enterprise resource planning system.
- Strong alumni engagement and support.
- Improved entrepreneurship and industry interaction MoU,
- Strong focus on Excellence in Education, Research and Promotion of Innovation & Entrepreneurship via well-established Entrepreneurship Development Cell, Startup and Innoation cell.
- Ranked in the band of 201-250 by NIRF during 2021.
- SPPU approved Research center in Computer Engineering and Electronics & Telecommunication Engineering.
- Inter-disciplinary research carried out by faculty and students under domain research laboratories.
- MoU with many industries
- Vibrant professional society student chapters like IEEE, ACM, and CSI
- Adequate and well-maintained infrastructure for Curricular, Co-curricular and Extra-curricular activities which include NSS/Rotract/Cultural clubs/MUN/Automobile club/etc. ensuring good participation.
- Robust and scalable IT Infrastructure with 1200+ computers, 500 Mbps (1:1) Internet connectivity and Campus Wi-fi facility.

Institutional Weakness

- Less number of international students and students from other states.
- Less number of PhDs and Poor Cadre ratio.
- Less international engagement.
- PG programs do not attract talented students.
- Less number of research publications per faculty, limited funded, research projects and consultancy.
- Limited academic flexibility due to affiliation university.
- Limited space for outdoor sports activities.

Institutional Opportunity

- National Education Policy (NEP) and autonomous status.
- Young and committed faculty.
- Students diversity.
- Strengthening Alumni engagement.
- Improve quality of research by increasing number of PhD faculty, encouraging more number of faculty for PhD.
- Expand educational and research programs to address needs of industry.
- Leverage existing branding of the institute with National/International organizations for joint projects.
- Starting new UG Programmes in emerging areas.
- Accreditation the PG Programmes.
- Scope to improve NIRF ranking.

Institutional Challenge

- Ever changing technologies and stakeholders interests.
- Affiliating system, ever growing autonomous institutes and competition.
- Ensuing financial viability with single source from fees collected from students.
- Increasing competition from other institutions for faculty and students.
- Fetching research funds.
- Difficulty to attract and retain PhD faculty with research potential.
- PG admissions.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

PICT is affiliated to Savitribai Phule Pune University (SPPU), Pune. The institute follows the curriculum designed by SPPU. The teaching and learning process is well defined and followed to improve the quality of teaching. All the academic activities are executed as per the well-structured academic calendar prepared by each department in accordance with the institute and university calendar. A well set academic hierarchy is maintained in implementation of outcome based education. Teachers include various innovative teaching methods such as flipped classroom, think-pair-share, etc. The assessment of external examination is done by the university through Central Assessment Programme (CAP). The laboratory work is assessed continuously throughout the semester.

Institute takes all the efforts to conduct add-on/certificate courses and encourages the students to participate. Certificate courses are facilitated by inviting external industry/academic experts.

The university curriculum integrates some of the cross-cutting issues related to Gender, Environment and Sustainability, Human values, and Professional Ethics in the form of mandatory audit courses. PICT believes that integrating cross-cutting issues with the curriculum would create a positive impact and contribute to the holistic and all-round development of students. All the departments ensure that the students register for the mandatory audit courses related to the cross-cutting issues, facilitate the teaching and learning, and the assessment as per the university guidelines. In addition to the mandatory audit courses, the institute facilitates the organization of various events, training programs, field work and awareness sessions through extracurricular and professional society activities, and technical events to enrich the curriculum with cross cutting issues.

Mandatory experiential learning is introduced at all the levels of programs from first year to final year engineering in the form of project-based learning, mini projects, internships, and major project at final year as part of university curriculum. Almost all the students undertake the project work/field work/internship. Feedback is collected from various stakeholders to achieve higher levels of technical excellence through constant improvements in all academic and administrative processes, and facilities. The feedback is analysed and action-taken reports are prepared, and uploaded on website on a regularly.

Teaching-learning and Evaluation

PICT is the most sought-after institute in this region. Admissions have been 100% with a high cut-off percentile. All the seats earmarked for the reserved category as per the rules are filled. Institute follows a curriculum designed and developed by SPPU. Institute follows a transparent recruitment policy and appoints staff members as per the norms and maintains a very good student teacher ratio. Faculty members are facilitated to pursue PhD, NET/SET for qualification improvement. About 27% of the available faculty completed PhD or NET/SET.

All faculty members adopt many students' centric delivery methods to enhance student involvement through participative mutual learning, practicing experiential learning, Problem Project-Based Learning (P2BL) and innovative teaching methods for active learning like quizzes, think pair share, case study presentations, flipped classroom, one minute paper, etc. using various ICT tools.

The academic results of PICT are the best among all the colleges affiliated to SPPU. Average percentage of final results is about 98% for the last five years. PICT students bagged many of the top ten ranks at university level examinations across all the programs. Four of them won the Gold Medals for their best performance at university examinations.

The evaluation of the students is carried out as per the guidelines by SPPU. Theory exams and practical/oral/project examinations are conducted as per guidelines by university. Term work assessment takes the Unit tests, assignments, attendance, mock practical, presentation, timely submission etc. into account. Any grievance/request received from the students related to SPPU examinations (in-sem, end-sem, practical) such as discrepancy in mark sheet, hall ticket, question paper or malpractice is forwarded to SPPU examination cell for the necessary action/help. Institute has institutionalized OBE processes with a structured academic hierarchy. The vision and mission of each program is defined in line with institute vision and mission. PEOs, POs, PSOs, and COs of all the courses were also defined as part of the OBE, subsequently the evaluation methods. All the stake holders are very well made aware of the OBE. Course delivery and evaluation processes are developed as per the expectation of OBE. All the departments conduct audits on regular basis to review the implementation of OBE.

Research, Innovations and Extension

The institute created an ecosystem to promote innovation by setting up Start up and Innovation Cell (SIC), Entrepreneurship Development Cell (EDC), Intellectual Property Rights Cell (IPRC), state-of-the-art research and development (R&D) infrastructure facilities, formation of domain focused research groups, industry supported laboratories. Institute has Special Interest domain research groups, and each group has a well-established Research & Development (R&D) laboratory.

Institute promotes faculty and students in converting their research outcomes into IPRs. Institute encourages and sponsors students and staff for publishing research work in quality journals and conferences indexed as SCI/SCIE, scopus, UGC CARE. The total grants received is Rs. 1.81 Cr towards research, STTP/FDPs, Value Addition, and consultancy from various agencies. Research Cells/groups are formed to streamline the research in various domains. Currently, 46 plus patents are filed and published by student and faculty members out of which 13 patents are granted. Total 168 papers are published by our faculty members in reputed journals over the last five years.

The faculty members along with students worked on many live projects such as web portal development for online police recruitment and transfer in Solapur Rural Police Staff Transfer Portal, project UNIFY-to find the

Missing Children and wanted criminals for National Crime Records Bureau, Ministry of Home Affairs, Govt. of India. Institute organizes conference, paper presentation competitions to provide a platform for researchers to showcase their work.

The college has various schemes/clubs like National Service Scheme, Art circle, PICTOREAL, SWDA, etc. to execute various extension activities. Art circle and PICTOREAL clubs emphasize to nurture students' hobbies, non-technical skills such as proficiencies in literature, design, photography, music, drama, etc. The extension activities in NSS are conducted for upbringing social issue awareness, social responsibilities amongst students. SWDA is active for holistic development of the students. As part of the extension activities, student organize tree plantation, blood bank etc. Institute signed functional MoUs with 51 organizations. Students are benefitted in terms of internships, sponsored major projects, training programs etc. offered by these organizations.

Infrastructure and Learning Resources

Institute has a sprawling campus spread over 5 acres with modern buildings, well equipped and spacious library, technology supported classrooms, laboratories with the state of the art facilities, central placement cell,seminar halls and spacious auditorium, thus enabling a conducive environment aiding effective knowledge transfer. All the 34 UG and 6 PG classrooms are equipped with LCD projectors, computer facility with internetconnection, projector screen, audio video system for teaching in blended mode (online and off-line). All the 36UG and 5 PG laboratories are equipped with latest Dell desktop computers with internet connection.

Institute created multiple sports facilities to keep our students engaged and physically fit on campus. There is a well-established sports department to help the budding players including indoor, outdoor facilities like tennis, Basketball, Volleyball court, and indoor games. A healthy and sharp mind is the root mantra of a successful and happy life. PICT has a well-equipped Gym facility for students and staff with specially appointed trainers. A Physical Instructor is exclusively appointed to look after the gymnasium. Adequate facilities and support are provided for students to participate in various extra-curricular activities.

The well automated central library has a varied collection comprising of books, technical reports, journals, magazines, transactions, CDs/DVDs, NPTEL Videos, etc. Library also hosts the digital library with e- resources, e-books, and e-journals. Currently, the library has 31,916 print books and 630 e-books**. The instituteaims to provide the state-of-the-art IT facilities to students to reach higher heights and excel in their domains. To achieve this, the institute keeps its IT infrastructure up to date to provide students with the most advanced facilitiesInstitute provides a wide range of Info-Tech facilities and services with a state-of-the-art Networking environment to support all stakeholders for the betterment of the Learning, Research, Teaching, and Administration process. Open-source software and Licensed software such as MATLAB, Windows, Solid works, LabVIEW, HFSS, AWR Microwave Office, Multisim, CADFEKO, and Kaspersky antivirus etc. are available in various laboratories. Institute has well-established special room for audio-video recording for the development of e-content and a research center for carrying out research work and funded project work. Institute spends adequate amount infrastructure augmentation and maintenance within the available financial resources.

Student Support and Progression

The institute facilitates all the scholarships offered by both the State and Central Government. All the eligible students admitted in reserved category are receiving financial assistance from State Government. In addition to

the government scholarships, students also avail scholarships offered by non government organizations like BMC, and others. About 36% of the students obtain scholarships under various schemes.

The institute believes technical and non-techincal, and soft-skills of the students are of paramount importance and play a crucial role in shaping up and achieving the career goals and therefore takes continuous efforts and initiatives towards capacity building and skills enhancement. The Training & Placement(T&P) Cell along with all the departments caters to the to the aspirations and the interests of the students and endeavors to make them professionally well-equipped for their journey from 'Campus to Corporate'. T&P cell facilitates numerous training programs , capacity building, and skills enhancement initiatives are initiated right from First-year Engineering (FE) to final year. Institute prepares the students for their diverse career choices by offering guidance for various competitive examinations and career counselling as well. While most of our students prefer the on-campus placement opportunities provided by the institute, other students, aiming for higher studies and other career options are also being taken a note of, by the institute.

The training and placement cell at PICT plays an integral role in creating the illustrious placement record of placing 76% of the outgoing students. PICT has an illustrious placement record of placing 2900 students and contributing to the growth of ICT over the last five years. In academic year 2021-22 the average salary was Rs. 11 Lakhs and 102 companies visited the campus for recruitment. Institute facilitates the students to participate in various sports, cultural, and professional society activities by providing infrastructural and financial support. The laurels won by the students demonstrate the active participation of the students. PICT has a registered Alumni Association and it is proud of its heritage in delivering excellence in technical education and research. Alumni are actively involved in the various activities on and off campus.

Governance, Leadership and Management

Governance of the institution consists of the Governing Body, College Development Committee, Internal Quality Assurance Cell, ISO, Internal Complaint Committee, Grievances Redressal Cell, Student Welfare Discipline and Antiragging (SWDA) Committee, and other committees represented by the management, the Director, the Principal, alumni, faculty members, students, parents and industryrepresentatives. The institutional strategic development plan covering the academic, research, administrative, and infrastructural growth is presented and discussed in the meetings for effective implementation to achieve the stated goals. PICT believes in the practices of decentralization and participative management which promote its vision and mission. The Institute has well defined organizational structure for effective functioning.All the bodies/committees meet frequently, minutes of the meetings and action taken reports are well documented. A well-defined service rules, appointment policies and procedures are available in the staff manual available on the website. PICT deployed a unified e-governance for automation of its various processesincluding administration, finance and accounts, student admission and support, and examinations with an ERP software. Institute takes utmost care in the welfare of the teaching and non-teaching staff, and the defined policies are in place as per the statutory requirements, in addition to statutory requirements the institute implements various welfare schemes including EPF, gratuity, leaves, financial support, QIP etc. Institute evolved an effective and transparent performance-based appraisal system. The only source of receipts/income isTuition Fees and Development fees from the students. The only financial resource mobilization option availablewith the institute is through students' fees. In addition, institute receives research grants, consultancy, and funds to conduct various STTPs, FDPs from various funding agencies. The Institute has a well-defined procedure to monitor and audit the effective and efficient utilization of available financial resources for recurring (salary, licenses, maintenance, etc.) and non-recurring (infrastructure development) and academic processes.

Institute established an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. IQAC is represented by all the stake holders, academic and administrative experts with well defined functions. IQAC played a vital role in institutionalizing quality assurance by preparing key quality indicator framework to closely monitor the progress. It conducts periodic internal, external academic audits. IQAC frequently meets, records the minutes, prepares the action taken reports and circulates to all the concerned.

Institutional Values and Best Practices

PICT believes in the principle of equality and inclusivity. The institution is committed to creating a healthy environment that enables students and staff to learn and work without any fear of prejudice, gender bias and gender discrimination. Institution constituted Internal Complaint Committee, Grievances Redressal Cell, Student Welfare Discipline and Antiragging (SWDA) Committee, SC/ST Cell etc. These cells ensure Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students. Institution celebrates and organizes nation and international commemorative days, events, and festival with great enthusiasm by involving students and faculty. The institute has installed 2 solar power generating systems with a capacity of 250 kW and 10 kW on the roof tops. In the campus, 80% of CFL bulbs / tubes were replaced with LED bulbs / tubes from which we are saving about 50% energy. Barrier Free Built Environment for disabled/ elderly persons is made available on all the floors of academic buildings, including the availability of specially designed toilets for Ladies and Gents on the ground floor. Institute effectively manages the e-waste and bio-waste and saves the water. Institute gets periodic audits carried out on Green Environment, energy, and clean and green campus initiatives. Institute takes all the efforts to maintain the inclusive, homogeneous, and created conducive environment for all the students, faculty belong to various states across the country with different cultures, regions, languages, socio economic backgrounds.

PICT has unique best practices such as professional society activities, startup and innovation cell, EDC, organization of impetus concepts, cultural groups, and student participation in extension activities, sports etc. Two of the best practices identified are; student chapter professional society activities of ACM, IEEE, CSI, and Startup Innovation Cell and EDC. Both of these are successfully practices and got very success stories to exhibit.

PICT has portrayed its distinctiveness in imparting best education in the field of ICT with quality intake, best performance at university level examinations, illustrious placement record. Institute deployed best ICTfacilities and state of the art IT hardware and software facilities. PICT contributed to the growth of the IT by producing best of ICT professionals.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SCTR'S PUNE INSTITUTE OF COMPUTER TECHNOLOGY
Address	SCTRs Pune Institute of Computer Technology, Survey No.27, Near Trimurti Chowk, Dhankawadi
City	Pune
State	Maharashtra
Pin	411043
Website	www.pict.edu

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Sanjay T Gandhe	020-24371101	9923446356	020-2436474 1	principal@pict.edu
IQAC / CIQA coordinator	Y Ravinder	020-24378063	9850463493	020-2436474 1	yravinder@pict.ed u

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	16-07-2016	View Document
12B of UGC	16-07-2016	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	03-07-2022	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	SCTRs Pune Institute of Computer Technology, Survey No.27, Near Trimurti Chowk, Dhankawadi	Urban	5	22981

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,Computer Engineering Department	48	Class XII and MHTCET or JEE or Diploma	English	240	314
UG	BE,Electronics And Telecommunication Engineering Department	48	Class XII and MHTCET or JEE or Diploma	English	240	275
UG	BE,Department Of Information Technology	48	Class XII and MHTCET or JEE or Diploma	English	180	228
PG	ME,Computer Engineering Department	24	BE or BTech and GATE	English	25	2
PG	ME,Computer Engineering Department	24	BE or BTech and GATE	English	18	0
PG	ME,Electronics And Telecommunication Engineering Department	24	BE or BTech and GATE	English	18	0
PG	ME,Department Of Information Technology	24	BE or BTech and GATE	English	24	2
Doctoral (Ph.D)	PhD or DPhil,Computer Engineering Department	36	ME or MTech and PET or GATE	English	6	6

Doctoral (Ph.D)	PhD or DPhil,Electronics And Telecommunication Engineering Department	36	ME or MTech and PET or GATE	English	3	3

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				24				43				121
Recruited	5	1	0	6	8	8	0	16	82	39	0	121
Yet to Recruit				18				27				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
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				17
Recruited	12	5	0	17
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				45
Recruited	36	9	0	45
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualificatio n	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	0	0	7	7	0	4	7	0	30
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	43	17	0	60
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	1	0	1	1	0	2	5	0	10
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	33	42	0	75
UG	0	0	0	0	0	0	0	0	0	0

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	2362	76	13	1	2452
	Female	936	28	4	0	968
	Others	0	0	0	0	0
PG	Male	10	0	0	0	10
	Female	7	0	0	0	7
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	9	0	0	0	9
	Female	12	0	0	0	12
	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	28	36	33	31
	Female	19	17	18	17
	Others	0	0	0	0
ST	Male	21	18	14	17
	Female	6	8	7	6
	Others	0	0	0	0
OBC	Male	95	105	129	78
	Female	42	51	63	46
	Others	0	0	0	0
General	Male	336	332	338	376
	Female	115	103	75	127
	Others	0	0	0	0
Others	Male	118	114	88	36
	Female	40	32	39	17
	Others	0	0	0	0
Total		820	816	804	751

Institutional preparedness for NEP

| 1. Multidisciplinary/interdisciplinary: | Pune Institute of Computer Technology (PICT) is affiliated to Savitribai Phule Pune University (SPPU) and following the curriculum proposed by the SPPU. PICT is believing in inclusive learning and holistic development of the students and already following standard practices expected in NEP as a regular culture by adhering to norms laid down by affiliating university. These are evident through following points: 1. Multidisciplinary/interdisciplinary: The Strategic Development Plan (SDP) of the institute is formulated in line with the vision and mission of the institute and focuses on holistic development of students and staff. It is evident through adapting following practices a) Establishing Center of |

excellence in the field of technical education and research. b) Providing the best infrastructural, educational, laboratory facilities for enhanced learning. c) Continual faculty development to enhance the pedagogical, domain, research and life skill competencies. d) Promote industry institute interaction to provide the industry exposure and facilitate the students and faculty in carrying out internships, mini and major projects, consultancy. e) Enhance the overall/all-round skills amongst the students through rigorous training programs beyond the curriculum leading to excellent employment, entrepreneurship and higher education opportunities. The basic engineering sciences like physics, chemistry and mathematics, are part of curriculum in first year engineering. The institute follows the curriculum designed by university wherein courses related to humanities and social sciences are given proper weightage so as to give comprehensive approach which satisfies STEM. The institute follows credit-based curriculum prescribed by the SPPU. As per the prescribed syllabus offered by SPPU every department is offering interdisciplinary subjects either through regular or Audit Courses to their respective students eg. Green Constructional studies, environmental studies, Humanity and social values, Human Computer Interaction etc. PICT also offers value-based multidisciplinary education in the form of webinars through center of innovative learning, seminar, induction program, expert lectures, workshops, certificate courses to the students with the intention of developing humanistic, ethical, social, constitutional, intellectual, and universal human values. PICT is having interdisciplinary domain research groups such as Advanced communication lab, multidisciplinary research lab, AI ML lab, Computational Linguistic lab. PICT is also having multidisciplinary industry sponsored labson AI, IOT and Robotics , 3D printing lab. PICT is also planning to have Hub and Spoke model in AR/VR. PICT is also having a interdisciplinary Automobile club (Electrical Vehicle), Drone development club. PICT is also offering honours course programme across all branches in the specialized domain of AI and ML, Data Science and Cyber security as prescribed by SPPU. As the institute follows SPPU hence, at present multi- disciplinary flexible curriculum that enable multiple

	entry and exit at the end of academy year is not offered. Every department is meticulously taking continual efforts to inculcate holistic skills in the students. These efforts are reflected in the form of improved state of the art facilities, University results, placements, start-ups and innovation cell, entrepreneurship development cell, remarkable success of the students in hackathons, quality research publications, product development, consultancy, research grants, and patents.
2. Academic bank of credits (ABC):	Institute is affiliated to Savitribai Phule Pune University (SPPU) and the curriculum proposed by the SPPU is strictly followed. As prescribed in the syllabus the institute offers audit courses, honor courses and electives to the students and give them flexibility to choose the subject as per their likings. The SPPU curriculum also has the option for completing internship and industrial projects in interested fields. Faculty members are mentoring them for the same. The student performance is evaluated by conducting unit tests, Quiz, Preliminary examinations and Mock Practical's. As per the directives of the SPPU , students from all departments got registered and received ABC id which was submitted to exam cell of SPPU. Institutealso gives due consideration towards student's participation in all extra and co-curricular activities Institute is also planning to implement Student Academic Passport (SAP) concept in order to store all the academic credentials of every student.
3. Skill development:	PICT has continuously offered opportunities for students to develop their skills in tandem with changing needs. Add-on courses and training programs align the curriculum with relevant industries to make them job ready by the time they graduate. Furthermore, students' skills are further augmented by frequent interactions with alumni and industry experts in the form of mentoring, training programs, workshops, seminars, internship programs. This enhances their preparedness for the world outside the college. Apart from providing technical upliftment, institute adapts continual practices to improve soft skill, communication, Technical, Fundamental and Aptitude skills throughout all years of Engineering. Moreover, value added programs are taught by the industry veterans on latest technologicaldevelopments and trending fields of engineering in

	order to develop the skill sets as per the industry requirement. These value-added programs are beyond the syllabus content of SPPU and floated as per the requirements of students' interest. It is mandatory for SE and TE students to undergo AMCAT examination which provides students technical proficiency as per industry demand. Even, institute motivate students to undergo online continuous assessment and training through MyPerfectice platform and topper students get rewarded for the same. All these required skill development activities such as soft skill (Time management, communication, decision making, adaptability, oral/ written presentation, team building, leadership, critical and creative thinking, resume writing etc.), professional skill (problem solving, competitive/programming coding skill, logic development, aptitude, interview skills, project management) are carried out as a regular practice by departments, T & P cell, Institute level CITL committee. These skill development activities help for holistic growth of students in their academic projects, higher studies and placement.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Institute is affiliated to Savitribai Phule Pune University (SPPU). Hence, mode of instruction is English language. However, the faculty members conduct separate sessions whenever required in English as well as local language to take care of slow learners or needy students. Moreover, the institute is well known for its practices through PICT art circle club which encourages the students' skill development in painting, photography, literature, music, dance, drama in local languages. The students also participate in intercollegiate FIRODIYA and PURUSHOTTAM Drama competitions and won prizes on many occasions. Moreover, PICT is having DEBSOC club through which students get motivation to use local language for creative thinking and writing. Students have also demonstrated their social concerns through forums like NSS. Institute is also motivating the staff to attend program which aims at use of local languages as per NEP requirement organized by Govt. of Maharashtra / DTE/ AICTE/ UGC. Institute also made available the books written in local languages prescribed by AICTE for First Year engineering students.
5. Focus on Outcome based education (OBE):	Institute is affiliated to SPPU. The syllabus - curriculum is prepared by the University and institute

	follows it strictly. The faculty members of various departments participate and contribute in the process of syllabus framing. The valuable inputs are given by these faculty members in the framing of curriculum. All the courses mentioned under curriculum of a particular department have Program Educational Objectives (PEOs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) as per the norms and guidelines of statutory regulatory bodies. The dissemination of these POs and PSOs to the teachers, students and various stake holders is done through institute Website, Student/Faculty notice boards, Laboratory notice boards, Posters in corridors, administrative areas, Laboratory manuals, brochures of FDP/STTP, Department News Bulletin, Faculty Course files, etc. All the courses are defined with course objectives and course outcomes and the same is discussed with the students by the faculty. The outcomes of all the courses are mapped with POs and PEOs at the end of the semester by all the departments in order to make improvements in teaching-learning process in subsequent semester.
6. Distance education/online education:	PICT offers courses in the regular mode only as sanctioned by SPPU and UGC. Online tools and blending learning are used to augment and enhance pedagogy. Online classes and Open Book Exams were held as per directives of the SPPU during the lockdown necessitated by the pandemic. However, the institute motivates students to get certification for Massive Open Online Courses (MOOCs), Coursera, SWAYAM-NPTEL Spoken Tutorial, IUCEE, IBM Skill Build, Distance learning IIRS Outreach Programs etc. The Institute utilized online platform of Microsoft Teams for effective classroom teaching during pandemic. The e-learning material in the form of lecture notes, Videos, etc. are shared through said platforms. Every department is offering 32 hours of certificate programs using online mode to accommodate local, state level, nationwide and international audiences.

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
3456	3404	3217	3105	3012

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: 184

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
159	135	138	136	140

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
783	748	833	1062	931

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:

SCTR's Pune Institute of Computer Technology is affiliated to Savitribai Phule Pune University (SPPU), Pune. The institute follows the curriculum designed by SPPU. Our faculty members also contribute to the curriculum design and evaluation process at university level by representing at board of studies, faculty of engineering, curriculum revision committees etc. The teaching and learning process is well defined and followed to improve the quality of teaching.

A well-structured academic calendar for department is prepared in accordance and alignment with the academic calendar of SPPU and institute calendar by the heads of the departments with the due approval of the head of the institution. The academic calendar provides the date of commencement of the academic session, date of Parent Teachers meeting, the duration of the semester, the period of internal assessment tests, practical examination schedule, final semester examination, co-curricular and extra-curricular activities. The calendar is referred to execute various activities of the department.
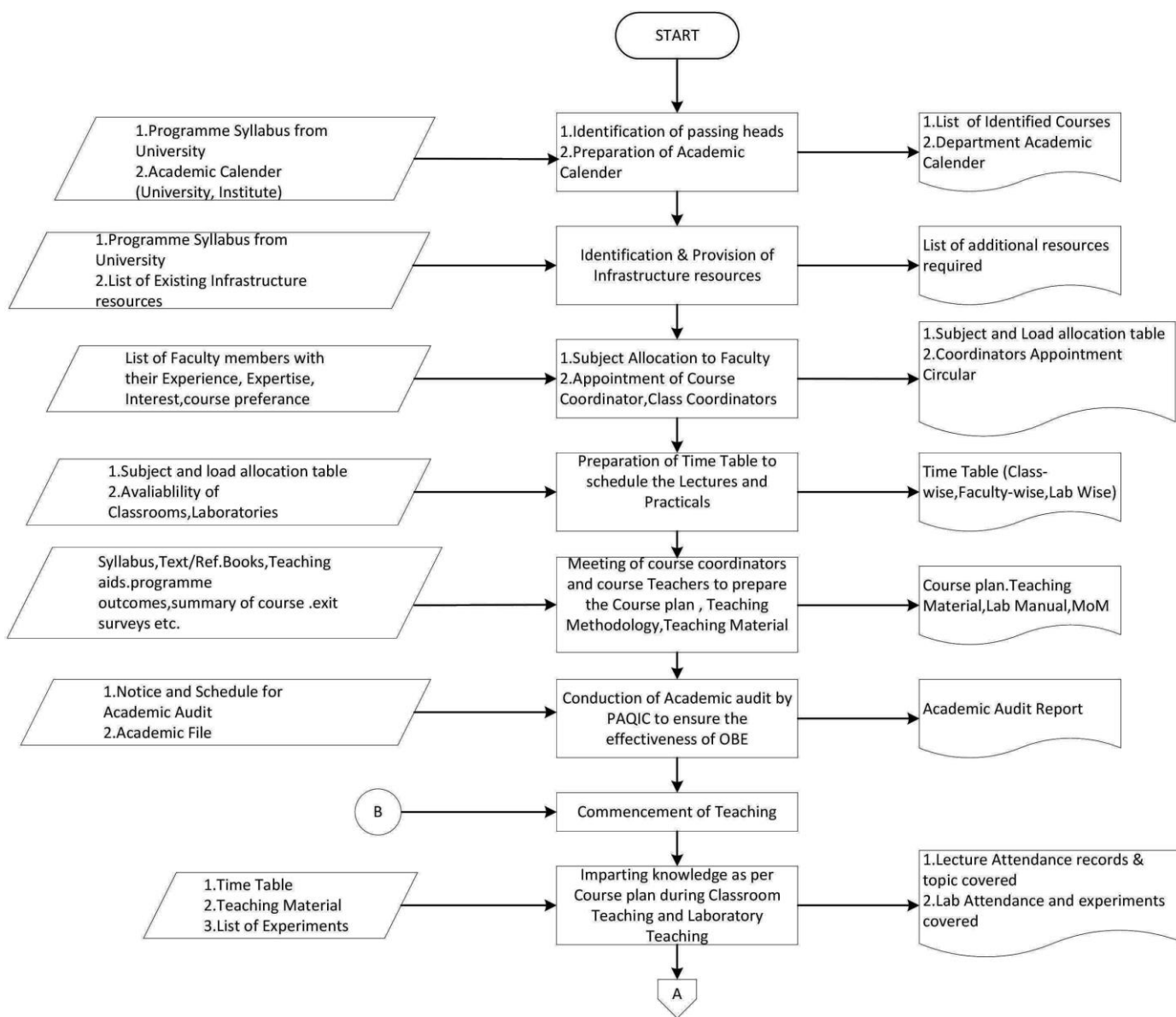
The course coordinators are appointed to facilitate a uniform teaching and learning process of the assigned course, across all the divisions of the department. Course coordinators along with team of course teachers, define Course Outcomes (CO) and finalize mapping of COs with Program Outcomes (PO) and Program Specific Outcomes (PSO) for each course. A detailed course plan is prepared which includes syllabus copy, objectives, mapping of COs to POs and PSOs, teaching plan, targets for the current semester, coursedelivery details, content beyond syllabus, identified gaps and actions to bridge them, list of text and reference books, and followed throughout the semester. Teachers are encouraged to impart the curriculumthrough student centric learning methods, such as presentations, assignments, workshops, seminars, projects, and industrial visits.
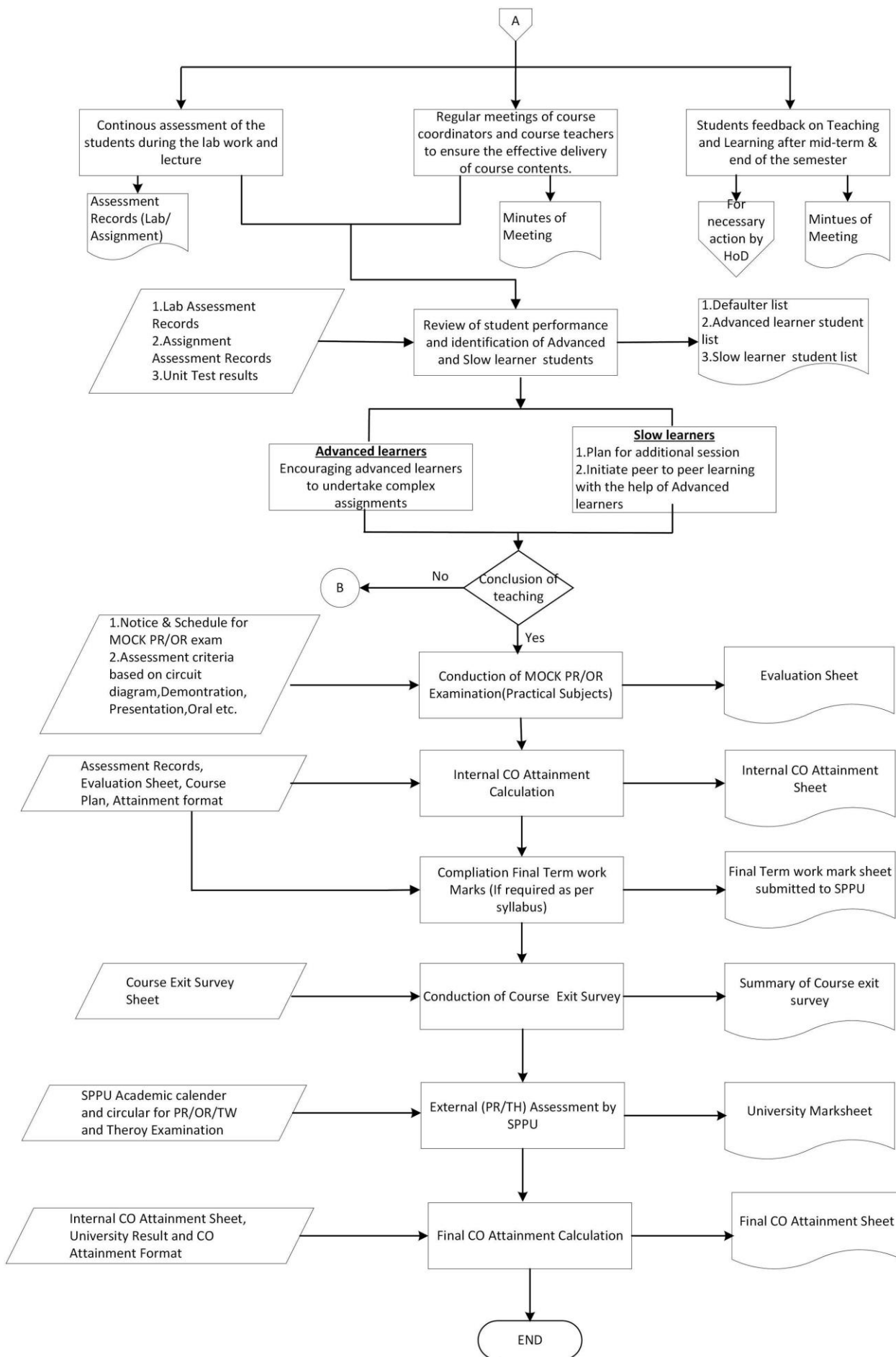
Attainment of POs and PSOs is derived to get feedback of improvement and effectiveness of teaching and learning process. Regular meetings of the course coordinator and the course teachers are conducted for discussion and planning of activities. Teachers include various innovative teaching methods such as flipped classroom, peer learning, brainstorming, Project and Problem Based Learning(P2BL), NPTEL lectures, group discussions, quizzes, role-play, experiential learning and use of online classes (Microsoft Teams). The heads of the departments, Principal, Director, and Management conduct meetings with the student representatives to obtain feedback and its incorporation. The Program Assessment and Quality Improvement Committee (PAQIC) meeting and audit is conducted every semester to improve the teaching and learning process.

The faculty is also involved sin the preparation scof syllabus and assessment process conducted by the university. In-semester and End-semester examinations are conducted for summative assessment. The assessment of external examination is done by the university through Central Assessment Programme (CAP). Practical/Oral examination for laboratories is also conducted by the university in which an external

examiner assesses the performance of students along with an internal examiner. The laboratory work is assessed continuously throughout the semester. Various measures for formative assessment like unit tests, open book tests, assignments, case studies, orals and mock practicals are conducted to improve the results and the course outcomes. The teaching and learning process is depicted in the figure given below:

Figure : 1 - Teaching and Learning Process

A

Continous assessment of the students during the lab work and lecture

Regular meetings of course coordinators and course teachers to ensure the effective delivery of course contents.

Students feedback on Teaching and Learning after mid-term & end of the semester

Assessment Records (Lab/ Assignment)

Minutes of Meeting

For necessary action by HoD

Mintues of Meeting

1.Lab Assessment Records
2.Assignment Assessment Records
3.Unit Test results

Review of student performance and identification of Advanced and Slow learner students

1.Defaulter list
2.Advanced learner student list
3.Slow learner student list

Advanced learners
Encouraging advanced learners to undertake complex assignments

Slow learners
1.Plan for additional session
2.Initiate peer to peer learning with the help of Advanced learners

No
Conclusion of teaching
B

Yes

1.Notice & Schedule for MOCK PR/OR exam
2.Assessment criteria based on circuit diagram,Demontration, Presentation,Oral etc.

Conduction of MOCK PR/OR Examination(Practical Subjects)

Evaluation Sheet

Assessment Records, Evaluation Sheet, Course Plan, Attainment format

Internal CO Attainment Calculation

Internal CO Attainment Sheet

Compliation Final Term work Marks (If required as per syllabus)

Final Term work mark sheet submitted to SPPU

Course Exit Survey Sheet

Conduction of Course Exit Survey

Summary of Course exit survey

SPPU Academic calender and circular for PR/OR/TW and Theroy Examination

External (PR/TH) Assessment by SPPU

University Marksheet

Internal CO Attainment Sheet, University Result and CO Attainment Format

Final CO Attainment Calculation

Final CO Attainment Sheet

END

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: 24

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: 6.69

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
702	270	76	26	10

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:

As an affiliated institute, PICT adopts and implements the syllabus designed and follows the guidelines issued from by the university time to time regarding cross-cutting issues. University curriculum integrates some of the cross-cutting issues related to Gender, Environment and Sustainability, Human values, and Professional Ethics in the form of mandatory audit courses. PICT believes that integrating cross-cutting issues with the curriculum would create a positive impact and contribute to the holistic and all-round development of students. All the departments ensure that the students register for the mandatory audit courses related to the cross-cutting issues, facilitate the teaching and learning, and the assessment as per the university guidelines. In addition to the mandatory audit courses, the institute facilitates the organizationof various events, training programs, field work and awareness sessions through extracurricular and professional society activities, and technical events to enrich the curriculum with cross cutting issues.

Professional Ethics: College has taken various efforts to incorporate professional ethics in students. Students undergo some mandatory audit courses like Entrepreneurship and IP Strategy, IntellectualProperty rights, Foreign Languages, knowledge management, Leadership and personality development. Along with this college has organized various activities under the umbrella of professional bodies like IEEE, ACM and CSI.

Environment and Sustainability: To motivate young minds towards green initiatives the institute installed Solar panels, rainwater harvesting systems. Graduates Students are encouraged to visit these facilities to examine and understand the significance of environment conservation. Paperless day isobserved to spread the message of forest conservation. This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society.

Gender and Human Values: The 'Tree plantation', 'blood donation campaign' and 'Clean India-Swachh Bharat Campaign' are the popular drives conducted enthusiastically, which helps students to understand the nuances of Human Values and Ethics. It also helps them how to practice it in a day to day social and professional life. Lecture sessions and seminars on spirituality are conducted by eminent speakers regularly. Live yoga sessions are conducted to create awareness among students towards health and wellness.

Following is the list of mandatory course / Audit courses offered by curriculum to cater cross cutting issues:

- **Professional Ethics:** Induction Program, Code of Conduct, Ethics and values in IT, Cyber Security and Law, Language Study- Japanese- Modules, Intellectual Property Rights, Start-up Ecosystems, Leadership and Personality Development.
- **Environment and Sustainability:** Water Supply and Treatment, Waste Management and Pollution Control, Green and Unconventional Energy, Green Construction and Design, Professional Ethics and Etiquettes
- **Gender and Human Values:** Humanities and Social Sciences, Banking and Insurance, Road Safety, Digital & Social Media Marketing, Social Awareness and Governance Program, Yoga and Meditation, The Science of Happiness.

Following are activities conducted by organization to cater cross cutting issues:

Awareness programs and events are organized on national and international days of importance such as World Health Day, International Women's Day, Teachers Day, Engineers Day, Republic Day, Independence Day, Yoga Day, Environmental protection: Paperless day, Sports day etc.

Institute believes in gender equality and provides equal opportunities to boys and girls in all types of student activities organized. Special programs for girl students are arranged towards achieving Women Empowerment like coding competition and Internship program (SheCodes by Adobe).

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: 98.06

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

Response: 3389

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: 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
745	745	745	745	745

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

2021-22	2020-21	2019-20	2018-19	2017-18
745	745	745	745	745

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: 83.31

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
215	230	268	206	209

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
258	249	308	277	262

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: 21.74

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:

PICT believes in the adoption of the student centric methods to enhance student involvement in learning. The faculty members implement/adopt various innovative pedagogical methods such as experiential learning, participative learning, problem and project based learning, role plays, debates, think pair share, seminars, mini and major projects, quizzes, and case studies, industrial visits in lecture and practical sessions on regular basis. These methods encourage students to be deeply involved in learning and makes the lecture/practical sessions more live.

Major focus of student centric learning at PICT is a shifting from closed classroom delivery of knowledge to discovery of knowledge. Participatory technologies like Blogs, Discussion Forums, YouTube, e-resources, Learning Management Systems and Virtual Laboratories, MOOCs and other e-resources are being incorporated by faculty to create a more engaged and enriched learning environment.

Barring few courses, all the courses have either of the practical, oral, or tutorial heads associated. The classroom learning is supported by practice, experiential, problem solving based learning in practical, oral, and tutorial sessions. Project based learning is incorporated in the syllabus at first and year and second year level of all undergraduate programs. Mini projects/internships are mandatory as per the curriculum atthird year level. The final year students carry out capstone projects based relevant to the program specific knowledge. All these pedagogical methods ensure that all the engineering attributes are attained by the students at the end of their graduation. Student learning is also supported by various activities and participation through extracurricular and cocurricular activities such as smart India hackathon, ROBOCON, art circle etc. The institute has also facilitated Online self-learning platform like SWAYAM NPTEL MOOcs, Coursera, SAP, Udemy, Edx etc to encourage the students for continuous and lifelong

learning.

Institute emphasized and deployed the state-of-the-art ICT tools in classroom and laboratory learning since its inception as the institute focus area and unique feature is ICT education. All the pedagogical methods are very well supported by the ICT tools deployed in the institute in addition to the conventional classroom/laboratory teaching and learning.

Using technology in our classrooms has helped both teachers and students to acquire essential skills. Teachers use different apps or trusted online resources to enhance the traditional ways of teaching and to keep students more engaged.

All 34 UG and 6 PG classrooms are equipped with LCD projectors, computer facility with internet connection, projector screen, audio video system for teaching in blended mode (online and off-line).

All 36 UG and 5 PG laboratories are equipped with latest Dell desktop computers with internet connection. All the labs have the facility to use projector screen and movable LCD projectors. All the laboratories are well equipped with the state-of-the-art latest software and hardware equipment to well cater the curriculum.

The institute has provided internet and Wi-Fi facility with 500Mbps Internet band width for students and faculty in the campus and hostels.

The institution has seminar halls, and a central auditorium equipped with high end computer system, internet facility with Wi-Fi, LCD projector, LCD projector screen, Smart interactive panels, 65" Smart TV, Video conferencing facility, audio video system.

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: 84.59

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
188	188	143	140	178

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: 26.84

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
47	38	40	34	31

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:

SCTR's PICT is affiliated to SPPU, and most of the evaluation of the students is carried out by the affiliating university. As per the curriculum practical heads evaluation consists of term work assessment ascontinuous assessment, and practical/oral examinations at the end semester conducted by university by appointing an internal and external examiner. Theory courses are evaluated in steps, that is, in-semester examination and end-semester examination. In-semester examination of 30 marks and End-semesterexamination of 70 marks.

Term work is continuously assessed by our internal faculty members based on students' continuous performance during the practical sessions. Institute has evolved continuous assessment system and it is transparent. Term work assessment takes the Unit tests, assignments, attendance, mock practical, presentation, timely submission etc. into account. The record of continuous assessment is maintained by each teacher for final term work marks allocation. Students' signatures are taken as and when the marks are entered in record. Any grievance regarding the term work assessment is addressed by the respective teacher and HoD itself.

Internal examination answer scripts are distributed to the students as regard to total checking and for clarifications if any. The department examination section displays the statement of internal marks as

submitted by the respective faculty member of the department on the department notice board. Department level internal term work related grievances are handled by the respective subject teacher, teacher guardian, class teacher, head of department and internal examination in charge to resolve the issues raised by students at department level.

The remaining examinations including practical, orals, projects, mini projects, theory in-semester and end-semester examination are conducted by the affiliating university. Examinations were conducted online during COVID period by SPPU due to pandemic situation. Examinations are conducted physical mode from the last academic year 2021-2022.The changes in the evaluation system, if any, are communicated tothe students. Internal squad members are allocated for smooth conduction of examination.

Any grievance/request received from the students related to SPPU examinations (in-sem, end-sem, practical etc.) such as discrepancy in mark sheet, hall ticket, question paper, malpractice is forwarded to SPPU examination cell for the necessary action/help. The examination grievance redressal cell is formed including Principal, CEO, Dean Academics, and HoDs. Detailed guidelines are provided by SPPU in advance. Students have to report any type of grievance through their login and report to university. All typeof issues such as login problem; network issues etc. are solved with the help of the university.

Student asked to send mail with valid proof to respective grievance cell members by mentioning his/her issue. In case of genuine reason re-examination of the student is conducted with new set of question paper in specified period given by university. To avoid malpractice in examinations, CEO along with respective HODs, Principal address the students regarding the rules and regulation about the examinations and consequences of any malpractices during the examination on a regular basis.

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:

The institute follows the curriculum designed by SPPU. The institute introduced Outcome Based Education (OBE) formally in 2015 as per the expectations of the accreditation agencies and following the trends in Engineering Education. The vision and mission of each program is defined in line with institute vision and mission. Program Educational Objectives (PEO), Program Specific Outcomes (PSO), and Course Outcomes (CO) of all the courses were also defined as part of the OBE, subsequently theevaluation methods, CO-PO attainment metrics were defined and introduced at all levels of the programs. Though, in SPPU syllabus, COs for all courses are given, to achieve program and institute vision and mission, they are again reviewed and revised by the group of course teachers along with ProgramAssessment Quality Improvement Committee (PAQIC) as per requirement. In general, 4-6 COs are defined

for each course based on Specific, Measurable, Achievable, Relevant and Time-related (SMART) principle. The COs are planned and designed to cover the entire syllabus and the designated competencies.The outcome indicators describe specific understanding and capabilities that students should demonstrate consistently.

COs contribute to the realization of the Programme Outcomes (PO). The twelve POs are considered as per the Washington Accord and globally adaptable by the statutory bodies such as NAAC, NBA, ABET, etc., and PSOs are defined for each programme in line with Department and Institute Vision and Mission.

The POs and PSOs are displayed on the Institute website, Management Information System (MIS), Classrooms, Laboratories, and department notice boards to disseminate among the stakeholders. The course objectives, COs, delivery methods, and assessment methods are mentioned in the course plan and discussed with students in introductory sessions at the commencement of the semester and during course conduction as per requirement.

While conducting the internal assessment, care is taken to ensure that learners attempt all identified outcomes. The continuous evaluation is also in line with the specified course outcomes.

Course outcome attainment is calculated based on internal and external assessments. 30% weightage is given for internal assessment and 70% weightage is given for external assessment. Internal attainment is calculated based on the performance of students in two-unit tests, assignments, and laboratory assignments. External attainment is calculated based on university examination results. For every course, 3 target levels (Low, Medium, High) of internal and external attainment are defined and calculated using a weighted average.

PO attainment is calculated by the direct and indirect method. In the direct measure, the final attainment of all courses is considered. A consolidated CO attainment sheet is prepared by considering averages of CO-PO mapping for all courses starting from the first year to the final year. In an indirect method, the analysis of the exit survey received from final year students is done. For calculating the PO attainment, 80% weightage to direct attainment and 20% weightage to indirect attainment.

The CO and PO attainments are presented to PAQIC and department advisory boards, reviewed and actions for the improvements are suggested to the faculty accordingly.

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: 97.71

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
808	848	770	725	734

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
829	854	773	757	763

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: 142.75

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
16.90	97.99	3.40	4.35	20.11

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:

Innovation, incubation, and entrepreneurship is the key to National growth and is the need of the day. Higher educational institutes play an important role in nourishing the skill sets required to promote innovation and facilitate incubation for students to become entrepreneurs. With this aim, the institute created an ecosystem to promote innovation by setting up a Startup and Innovation Cell (SIC), anEntrepreneurship Development Cell (EDC), Intellectual Property Rights Cell (IPRC), state-of-the-artresearch and development (R&D) infrastructure facilities, formation of domain focused research groups, industry supported laboratories. In addition, our institute supports students and faculty in organization and participation in various technical events, student Hackathons, and faculty development programs to nurture the creativity in faculty and student. Innovation focused policies ensure that the change is initiated and supported by students, and faculty healthy innovation ecosystem. The main objective of this ecosystem is to promote student-led start-ups and ventures to protect and respect intellectual property.

Institute has established an Entrepreneurship Development Cell and Startup and Innovation Cell, in an endeavour to generate opportunities for the students to realize their dream of starting up their own business/enterprise, and to empower the young talented students to transform their research/findings/innovative ideas into a successful product or service that creates values. The S&IC in its first year only proved to be extremely successful in entrepreneurship development. Three products are

developed as per industrial standards and deployed in the institute. All three products are innovative in nature and are built in consultation with industrial partners. EDC cell incubated 16 startups successfully. One of the startups, Anchanto Services Pvt Ltd. is the market leader in E-commerce Technology located in Singapore with a local presence in 10+ countries.

Institute has also set up various industry-support laboratories such as SAS Language Lab, e-yantra IIT Bombay, National Instruments LabVIEW academy, AICTE funded Center for Wireless Communication, and Alumni funded 3D Printer Laboratory for promoting R&D and innovation.

Institute has created Special Interest domain research groups and each group has a well-established Research & Development (R&D) laboratory. The faculty members have undertaken research projects funded by the Department of Science & Technology (DST), All India Council for Technical Education (AICTE), Defense Research and Development Organization (DRDO), Rajiv Gandhi Science and Technology Commission (RGSTC), Govt. of Maharashtra, and SPPU.

Institute has also formed the IPR Cell to promote faculty and students in converting their research outcomes into IPRs. The overall aim of this IPR Cell is to nurture the spirit of innovation and translate these into products, processes, and services for commercial exploitation for the wider public good. This ecosystem is to promote student-led start-ups and ventures to protect and respect intellectual property. As of today 46, plus patents are filed and published by student and faculty members out of which 13 patents are granted.

Institute organizes national and International level Project exhibitions and technical Competitions on campus like Impetus and Concepts, Credenz and Ideate for the students and faculty to share their ideas with the students of other institutes and industry experts.

Institute provides a platform like PICT's flagship Technical Mega event "Impetus and Concepts" (InC), Credenz, Ideate, and Pulzion to set a platform for students every year to design, develop, exhibit and watch their ideas come true.

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: 193

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
67	65	40	11	10

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

3.3 Research Publications and Awards

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

Response: 0.91

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

2021-22	2020-21	2019-20	2018-19	2017-18
40	45	38	24	21

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: 0.66

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
35	22	31	24	10

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:

The institute organizes several extension activities to promote the institute-neighbourhood community to sensitize the students towards community needs/issues. The students at our college actively participate in social service activities leading to their overall development. The college runs effectively schemes/clubs like National Service Scheme, Art circle, PICTOREAL, SWDA, etc. Through these schemes/clubs, the college undertakes various extension activities in the neighbourhood community.

NSS organizes a residential 7-day special camp in the nearby village and several activities like addressing social issues, environmental awareness, women empowerment, national Integrity, shramdan, cleanliness, etc aimed at creating awareness for the improvement of rural regions are conducted. Other special extension activities which include, swachha Bharat Abhiyan, tree plantation and conservation, Green Movement Against Biological Invasions (GMABI) movement, Nirmal Wari, Social interaction (Dadachi Shala), flood donation, etc. are also part of NSS social activities. As a social responsibility, during COVID PICT volunteers distributed self-made, washable masks made up of cotton to the villagers. Few volunteers conducted free online classes for school kids during COVID. Under AKAM, NSS volunteers also participated in various activities like the young warrior movement, Har Ghar Tiranga, Unity Day Run, etc to inculcate patriotism in the community. This way the motto of NSS "Not Me but You", underlines that the welfare of an individual is ultimately dependent on the welfare of the society.

Art circle which promotes students' interests in acting, music, and drama participates in Purushottam and Firodiya karandak. As a part of social responsibility, art circle students raised funds for "Infant India', located in Pali, Beed District, which is a charitable trust that works for HIV-AIDS Infected Orphan's Rehabilitation Project, by performing a charity show. The fund raised was given to the trust for Medicine, food, and education of the orphans. In association with the Board of Development SPPU, Pune, the "Theatre Workshop by renowned artists " platform was open to all other college students as an extension activity.

PICTOREAL which is one of the non-technical clubs at PICT aims to help students to nurture and boost their proficiencies in literature, design, and photography, students organize Blood donation camps, and visits to orphanages and old-age homes to nurture their social mind.

The student welfare group organizes various activities like music & mind, abhiroop Sansad, Marathi rajbhasha din, workshops on financial planning, vigilance day, disaster management etc. for the holistic development of the students. All above mentioned activities have created a positive impact on the students, and improved the relationships, leadership skills, and self-confidence among students. It also helped in cultivating the hidden personality of students and creating awareness among students.

During COVID, as a social responsibility, PICT staff along with a few students distributed food packets to the patients, and their relatives at Naidu Hospital, Pune for several days. Students created apps to facilitate the supply of oxygen cylinders to the needy.

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:

Solapur Rural Police Staff Transfer Portal

In the COVID situation, the police recruitment and transfer process were not possible by taking interviews in person, so the Police department needed a web app for conducting interviews online by taking the preferences of the staff and the availability of the positions. So based on Solapur Rural Police requirements, a PICT team had an online meeting with Tejaswi Satpute (S. P. Solapur District) & Rajesh Gawali (P. I. Akkalkot) to understand their requirements. According to the requirements, the PICT team developed a web portal as per MoU under consultancy work as an extension work without charging any money.

Duration of the project: 1st June to 29 July 2021

As a part of the MoU, the superintendent of police, Solapur Rural appreciated our work and provided a completion and appreciation letter.

Hackathon Activities

Over the past few years, we have developed a hackathon culture at the Pune Institute of Computer Technology. It all started with SIH 2017 where we had two participating and one winning team. Participation progressively improved in the coming years in SIH 2018 (5 winning teams, 14 participating teams), SIH 2019 (11 winning teams, 22 participating teams), SIH-2020 (1 winner team, 2 participating teams), SIH 2022 (6 winning teams, 13 participating teams) with a prize of amount Rs. 1,00,000/- for each team. Along with these, our students have also found success in hackathons like Singapore India International Hackathon 2019, 2020, Hack the North: Canada Hackathon-2019, D3 Code Hackathon-2019 and NPCI Hackathon-2019. Additionally, students are always enthusiastic about participating in various hackathons conducted by the industry or by other institutes.

Two students won the prize of 10,000$ in the global better health hackathon. Four students participated in the UNESCO INDIA – AFRICA International hackathon and two students won a prize of amount Rs. 3,00,000/-.

We groomed this culture amongst our students by creating opportunities wherever possible and by increasing interaction between current students and alumni, especially previous hackathon winners.

National Crime Records Bureau (NCRB) Project "UNIFY"

The Project "UNIFY-To find the Missing Children and wanted criminals" was developed under the MoU between Pune Institute of Computer Technology, Pune and NCRB, Ministry of Home Affairs, Govt. of India. This portal facilitates the matching of photos of Unidentified found persons, children and dead bodies with the Images of Missing persons or criminals registered in the police stations across the country and thus helps in the identification and restoration of these found persons. The portal was launched by the hands of respected Dy. National Security Advisor Shri Dattatray Padsalgikar. Institute has received an appreciation letter from the Director of NCRB.

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: 69

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
12	05	23	17	12

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

3.5 Collaboration

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

Response: 51

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:

SCTR's Pune Institute of Computer Technology has a sprawling campus spread over 5 acres with modern buildings, well equipped and spacious library, technology supported class rooms, laboratories with the state of the art facilities, central placement cell established for training and placement activity and is well equipped to carry out skill development activities, seminar halls and spacious auditorium, thus enabling a conducive environment aiding effective knowledge transfer.

The institute has well equipped audio-visual halls for conducting seminars, co-curricular andextracurricular activities. Guest lectures, workshops, Faculty Development Programs (FDP), value added courses, intra and inter department symposiums are conducted every semester of the academic year, to equip the students with the latest trends and technologies, enabling them to meet the ever-demanding challenges.

Each floor is facilitated with a purified water cooler for students/staff members. Campus is under the surveillance of CCTV cameras. All class rooms and laboratories are provided with more space as per the norms with better ambience. Auditorium and seminar halls are provided with ultra-modern facilities including video conferencing.

The class rooms are equipped with LCD projectors and necessary teaching aids for effective teaching, learning process. College also provides video recording room for creating high quality E-content material for the students. All the departments have well-furnished separate cabins for the faculty members to regularly counsel and guide students. An Internet facility with LAN/Wi-Fi connection is available in the faculty cabins and hostel.

Laboratories are equipped with latest and sophisticated hardware and software facilities for better learning experience. The students and staff are also provided with exclusive research laboratories to carry out research, product development, and consultancy work.

Adequate facilities and support are provided for students to participate in various extra-curricular activities through "PICT Art Circle" - established since 1999, "PICT Quiz Club" and "PICT Debate Society" are active since 2018 and "TEDxPICT" Students showcase creative/oratory skills at rotary club events, short film making contests, debate competitions, the quizzing events like business quiz, sports quiz, heritage quiz, entertainment quiz.

PICT Art circle students have won many awards at prestigious cultural competitions like Purushottam Karandak-(State level), Firodiya Karandak, Dajikaka Gadgil Karandak, Savitribai Phule Pune University. "PICT Art Circle" is a consistent winner of "Best Organized Team.

Many students have participated in different sports activities which play pivotal roles in shaping one's personality and maintaining good health. We have specially developed sports environment that matches

with international standards and gives a truly global experience to our students. There are multiple sports facilities to keep our students engaged and physically fit on campus. We have a well-equipped sports department to help the budding players in every way they can. A healthy and sharp mind is the root mantra of a successful and happy life. The Institute has a well-equipped Gymnasium facility for students and staff with specially appointed trainers. A Physical Instructor is exclusively appointed to look after the gym. The boys and girls hostel is equipped with sports facilities like Basketball, Volleyball court, and indoor games.

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: 13.42

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
45.68585	61.00741	145.55186	174.69986	157.8956

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

4.2 Library as a Learning Resource

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

Response:

The central library of PICT was established in 1983 to cater to the needs of budding engineers in the field of Information and Communication Technology (ICT). The central library serves more than 3500 UG, PG, students and research scholars apart from 250+ teaching and non-teaching staff. The library has a varied collection comprising of books, technical reports, journals, magazines, transactions, CDs/DVDs, NPTEL Videos, etc. Library also hosts the digital library with e-resources, e-books, and e-journals. Currently, the library has 31,916 print books and 630 e-books against the requirement of 11,100 as per AICTE norms for all the programs run by PICT. Since its inception the library has grown into a spacious resourceful with a large collection of print and e-resources, users, and memberships of professional associations like IEEE,

Springer, etc.

Currently, the Central Library is situated on the ground floor and first floor with a spacious area of 891 Sqm. The library is divided into different sections like Stack Area, Periodical Section, Digital Library, Reference Section, Group Study Area, Manthan-The Change Makers, and the Reading Hall with excellent infrastructure and Wi-Fi connectivity, etc.

Automation:

The library was first automated by installing Library Software developed in-house in the year 1998 and later by installing commercial Library Management Software "Deeksha" in the year 2003. Since 2019, "Koha" version 18.05 is used as Integrated Library Management System (ILMS). Book transactions are supported with bar-coded books and Identity cards through Koha.

Subscription to e-resources:

PICT Digital Library is well equipped with the latest configuration machines having multimedia facilities. A 24x7 access to subscribed e-resources of IEEE, Springer, Packt publications, Prentice Hall of India etc. is available. Also, it has Digital Library Memberships with the National Digital Library of India-NDLI and the British Council.

Sufficient budget is allocated to the library, and it is effectively utilized for procuring learning resources including e-resources and for making relevant infrastructure available to all users.

Usage

Effective utilization of all resources is the motto of the library. Library resources (print and e-resources) were used effectively by the students and faculty. The average per day usage of learning resources is 112 and per day footfall is 220 for the latest completed academic year.

Extended Activities

Apart from routine library services, it also offers some innovative facilities like Chatbot, Motivational and Inspirational book reading section, "MANTHAN – The Change Makers", Group Study Area, PICT Book-Bank Scheme, Toppers Reward, Awareness Sessions etc.

The library is also engaged in extended activities like the celebration of various commemorative days, conducting activities under Vachan Katta, etc.

Students have contributed to Library Projects such as Single login for using the Digital Library, Automated Barcode Register System, and Virtual Tour (link: www.pict.edu) of the library.

Library Staff:

Institute has formed a library committee to support the library system. PICT Central Library has required number of qualified staff.

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:

In the present era of ICT, internet communication plays a vital role in teaching and learning. To fulfill the requirements of stakeholders, curriculum, AICTE, and university, the institute established a strong IT infrastructure. The institute aims to provide the state-of-the-art IT facilities to students to reach higher heights and excel in their domains. To achieve this, the institute keeps its IT infrastructure up to date to provide students with the most advanced facilities.

Institute provides a wide range of Info-Tech facilities and services with a state-of-the-art Networking environment to support all stakeholders for the betterment of the Learning, Research, Teaching, and Administration process. The entire Intranet is facilitated with structured cabling and all departments are connected through a Fibre backbone. It consists of more than 17 km of structured cabling and 1Gbps fibre backbone connectivity. More than 55 Manageable Fast Ethernet switches connect around 1500+ workstations/nodes on campus ensuring local connectivity for each machine at 100Mbps/1Gbps speed. Institute has Central-Administration-Air-conditioned-Server-Room with all-time UPS backup for uninterrupted campus connectivity for the Internet.

Institute provides the following Internet/Intranet facilities on the campus

- Gateway/Firewall server for internet link-Fiber link (500 Mbps).

- DHCP server for Wi-Fi facility.

- Dedicated controller for Bandwidth management.

- Antivirus server (Kaspersky Antivirus 11.8.0)

- IEEE access facility through the gateway.

- Dedicated Server for online examination conduction of SPPU Exams.

- Network Attached Storage of 12TB Accessible in Intranet.

- Provision of VOICE/VIDEO service as on demand.

- All-time Campus Wi-Fi monitoring.

- Providing Internet registration with MAC & OTP based authentication

Open-source software and Licensed software such as MATLAB, Windows, Solid works, LabVIEW, HFSS, AWR Microwave Office, Multisim, CADFEKO, and Kaspersky antivirus etc. are available in various laboratories. Institute has Microsoft 365 A3 software to conduct online meetings and webinars. Toconduct lectures in online/blended mode, the classrooms are equipped with an LCD projector, camera, PC,and speaker along with Microsoft Teams installed on the machine. Institute has Urkund plagiarism software to check the similarity of seminar reports, project reports, as well as research papers and proposals. Cloud-based Vmedulife ERP system is deployed for automation of academic and administrative processes such as student attendance marking, CO-attainment, feedback analysis, etc. in the institute. The centralized library of the institute has Koha software for the automation of the library system. Institute is using Alumni Portal (https://alumni.pict.edu) for the alumni association to strengthen the alumni community, maintain the database, enhance engagement, and manage contributions.

Institute has well-established special room for audio-video recording for the development of E-content and a research centre for carrying out research work and funded project work. Also, all the departments in the institute have a separate research centre for the research scholars to carry out their research. A separate seminar hall with a video conferencing facility is present in each department. The entire campus is monitored by CCTV cameras installed at various places.

All HODs are provided with a laptop for administrative work. For IT infrastructure, campus facilities, and equipment support, the institute has centralized maintenance and software committees. All the IT facilities are periodically updated.

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: 3.43

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

Response: 1008

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: 5.38

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
78.98876	31.31149	50.28173	28.13399	45.74455

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: 36.61

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
1399	1349	1308	1152	720

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: 45.44

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
2956	2434	802	762	405

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: 75.91

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
694	691	589	547	428

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
808	848	770	725	734

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: 99.44

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
65	48	45	14	5

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
65	48	46	14	5

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: 70

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
17	01	15	19	18

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: 39

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
47	19	50	48	31

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:

PICT Alumni Association (PAA) is registered on 23/11/2009: Registration number MAH1469/2009/Pune. PAA is proud of its heritage in delivering excellence in technical education and research and cherishing the enunciated glory of alumni in diversified segments. PAA aims to unite its genesis spread over the continents, fastening its bond in the pursuit of the professional association through Institute-Alumni Interaction.

More than 10000 alumni are registered on Alumni Portal (https://alumni.pict.edu/), and 7000 alumni are on the LinkedIn official PAA account. The objectives of PAA are to strengthen ties between PICT and alumni and encourage them to participate in various cultural, social and scientific activities. PAA chapter of America was formed in 2021 with Registration No: 85- 3531917 (www.pictaaa.org). The aim of PICTAAA is to support PAA activities.

Alumni are actively involved in the various activities on campus like mentoring for internship and project work, delivering expert talks, evaluating INC projects, mentoring sessions, sponsorship of the ongoing students (academic, financial), buddy groups, internships and on-campus job opportunities widely adopted with their alma mater. PAA contributes to the development effort of PICT by facilitating internships to students by Sarvatra's elab, Cakesoft technology, Mindstrx Software Lab, Barclays, Cion digital, etc.

Job and Internship opportunities are provided regularly by alumni for fellow alumni and students. There are 221 jobs posted by alumni and 934 job applications are posted on the career webpage on the Alumni portal as of date.

Alumni visits are organized in the United States at three different locations Bay area, Boston and New York in Jan 2018. Alumni from different locations enthusiastically came together in three locations for alumni meetings.

In the year 2020, the Silver Jubilee alumni meet of the 1994 batch and get-together of the 1987 to 1993 batch is celebrated on campus.

Information technology department alumni meet celebrated on campus on Saturday 28th Sept 2019. Alumni participated from Pune, Mumbai and Bangalore at this meet. A few alumni working in Google (USA), Rakuten, Tokyo (JAPAN), and Indian Oil with a few entrepreneurs also participated in Zoom meetings.

25 Batch ambassadors are nominated by PAA to increase alumni engagement. In the year 2020, the 3D printer lab is sponsored by alumni, including six 3D printers and 30 licenses of SolidWorks software. In the year 2020-21 CakeSoft technologies and spryIQ technologies contributed by providing funding for INC. In the year 2021-22 Sarvatra technologies and CakeSoft provided sponsorship for ICEI 2022, and eQ technologic and Airvana technologies sponsored INC 2022. For PICT Automobile Group, Alumni are contributing by providing batteries along with technical help.

Alumni involvement is summarized below:

1. Student Mentoring

2. International Conference: Advisory Committee, Panel discussion, Reviewer

3. PICT Research Labs

4. Impetus and Concepts: judging and sponsoring the event Internships

5. BE Projects sponsorship

6. Active involvement in EDC and IIC

7. Enthusiastic involvement in student's chapters of ACM, IEEE, and CSI

8. Active involvement in Institute committees like IQAC, CDC, GB and Department Advisory Board, etc.

9. The active part in Extracurricular activities group, Management Studies group, Robotics, Civil Service group, etc.

10. Conduction of Webinars/Expert Talks/Seminars/FDPs/Workshops

11. Professional bodies like IEEE, ACM, and CSI: Sponsorship, expert talks, judging and mentoring to student teams.

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:

Vision:

Pune Institute of Computer Technology aspires to be the leader in higher technical education and research of international repute.

Mission:

To be the leading and the most sought-after institute of education and research in emerging engineering and technology disciplines that attracts, retains, and sustains gifted individuals of significant potential.

PICT believes in imparting excellent quality of higher technical education and carrying out research work on state-of-the-art technologies. The mission statement spells out the objective to be the leading and most sought-after institute by attracting, retaining and sustaining individuals of significant potential. PICT core values are integrity, humility, responsibility and accountability, and empathy.

Governance of the institution consists of the Governing Body GB), College Development Committee (CDC) , Internal Quality Assurance Cell, ISO, Internal Complaint Committee, Grievances Redressal Cell, SWDA Committee, and other committees represented by the management, the Director, the Principal, alumni, faculty members, students, parents and industry representatives.. Meetings are conducted on a regular basis and the suggestions made during these meetings are implemented and the action taken reports are shared with all the members. Minutes of the meetings and the action taken reports are prepared for every meeting, circulated to all the members and are also made available on the website, as applicable. The institutional strategic development plan covering the academic, research, administrative, and infrastructural growth is presented and discussed in the meetings for effective implementation to achieve the stated goals. All the heads of the departments, central committee coordinators, and functional heads prepare individual action plans and implement them.

PICT believes in the practices of decentralization and participative management which promote its vision and mission. It is evident in all the activities, with a balance between transparency and confidentiality. PICT has a well decentralized hierarchical leadership and management as per the chart provided in the link.

Hierarchical structure includes the management, GB, CDC, Director, Principal, Heads of the departments, Dean Academics, Dean R&D, IQAC-Coordinator, functional heads including Registrar, Librarian, Central committee coordinators. Institute delegates adequate authority to the departments to work towards decentralized governance system. The various positions are held by equal representation of gender, age etc. Each of the functionaries has specific roles and responsibilities confined to the policies of the institution.

PICT created a conducive environment in terms of teaching learning processes, infrastructure, and administration and research facilities in accordance with its vision and mission. Well established outcome-based education system is in place in line with the vision and mission of the institute. Program outcomes, course outcomes, attainment methodologies are evolved with the participation of all the course teachers and implemented to attain the defined outcomes through effective delivery. At PICT, the student centric and innovative pedagogical methods are followed involving interactive, collaborative, inquiry based, P2BL, flipped-classrooms, peer learning, etc.

PICT has a well-established R&D center which is accessible 24x7. The faculty members have undertaken research projects funded by Department of Science & Technology, SERB, ISRO, All India Council for Technical Education, Defense Research and Development Organization, Rajiv Gandhi Science and Technology Commission under Govt. of Maharashtra, and SPPU. There are research labs in various emerging/thrust areas equipped with all the necessary facilities to carry out research in these areas.

PICT nurtured a vibrant environment with many special interest groups, professional societies, startup innovation cell, EDC, Art Circle etc.

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:

Effective Functioning of the Institutional Bodies
The Institute has well defined organizational structure for effective functioning. The organizationalstructure represented in the organizational chart consists of the Governing body (GB), College Development Committee, Academic Advisory Committee, IQAC, and various administrative and academic functional committees. Each body/committee is well constituted by following the norms, represented by the management, representative of statutory bodies, teaching and nonteaching faculty, industry, students as applicable with defined objectives and functions. All the bodies/committees meet frequently, minutes of the meetings and action taken reports are well documented. As the uppermost bodyGB provides the vision, and major policy directions in the continuous growth of the institution. CDC provides the academic and administrative directives in improving the overall development of the institute in terms of academic, administrative, infrastructure growth. Action plans are prepared by all the heads of departments and functional heads as per the directive provided by the GB, CDC, and IQAC in terms of keyquality indicators. The progress of the action plans is closely monitored by the authorities and the same is presented during the meetings for suggestions for necessary improvement actions. All the policies regarding administration, finance utilization, appointments, service rules and procedures are evolved

strictly as per the statutory bodies rules and regulations. Other policies related to consultancy, research, Quality Improvement Programs, deputation of faculty under QIP, sabbatical and other welfare schemes are evolved involving all the stake holders through various bodies like GB, CDC, etc. Well-defined service rules, appointment policies and procedures are available in the service book available on the website.

Deployment of Strategic Development Plan

The Strategic Development Plan (SDP) of the institute is formulated in line with the vision and mission of the institute. The SDP is driven by the Governing Body and College Development Committee followed by the entire organizational structure involving the Director, the Principal, heads of departments, functional heads, faculty, and students. All the stakeholders are made aware of the SDP through the institute website. The SDP of the institute is deployed and reviewed by the information collected through various stakeholders like students, parents, industry, regulatory/accreditation/ranking agencies, faculty and staff.

Strategic Goals:

- Obtain the Autonomous Status.
- In top 100 NIRF Ranked institutions.
- Enhance Research, Innovations, Startup, Entrepreneurship culture among the faculty and students.
- Start new programs in emerging areas /technologies/multi-disciplinary, thus improving the employability among students.
- Improve PG admissions.
- NBA Accreditation for PG in Phased Manner and Improve the scores in NBA, NAAC.
- Strengthen the competency and qualification improvement of the faculty through FDPs/QIPs.
- Implement NEP 2020 in a phased manner.
- Achieve Zero Backlog.
- Place all students above 5 LPA Package & provide skilled engineers to meet the global needs
- Enhance Industry Institute Interaction opportunities Projects/Internship/Employment.
- Enhance the collaboration/interaction with reputed Indian/ international institutions.
- Further improve Laboratories /Research facilities/ Library to enhance the quality of teaching and learning process.

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:

Staff Welfare Measures:

Institute takes utmost care in the welfare of the teaching and non-teaching staff, and the defined policies are in place as per the statutory requirements, in addition to statutory requirements the institute implements various welfare schemes. The institute has variety of welfare schemes for teaching as well as non-teaching staff as follows:

1. EPF: The Employee Provident Fund is a scheme that helps people save up a sufficient corpus for retirement. The institute contributes towards EPF as per prevailing norms.
2. Gratuity: Gratuity is given by the Institute to all employees for the services rendered by him/her during the period of employment as per the prevailing norms.
3. All the applicable casual leave, medical/maternity leave, earned leave and special leaves are given to the teaching and non-teaching staff.
4. Sabbatical leave to have experience industry practices with full salary.
5. Study leaves under QIP.
6. Advance against salary
7. Admission to the ward of staff
8. Advancement in pay level for non-teaching staff
9. Sponsorship for attending seminars, workshops, conferences for the staff (and for students).
10. Various extracurricular, recreational, sports activities are conducted especially for the staff members.
11. On special occasions like Independance Day and Republic Day the best performing staff are felicitated.
12. Sufficient financial support for the faculty development programs.

Performance Based Appraisal System

In order to evaluate the performance of the teaching and nonteaching staff, the institute has evolved a quantitative and qualitative based Performance Based Appraisal System (PBAS) with defined metrics. The PBAS is well documented and made available to all the staff. The performance appraisal system consists of self-appraisal and appraisal by a reviewing officer.

Performance appraisal system of the faculty: Annual self-assessment for the performance-based appraisal system is adopted. Hence, it is ensured that information on multiple activities is appropriately captured.

The information includes:

Part A: General information and academic background, courses / STTP / seminars /workshops attended during the year, Teaching learning and evaluation related activities, Co-curricular, professional development related activities, research, publication and academic contributions.

Part B: Remarks by Head of Department on Part A which is filled by individual faculty.

Part C: Principal as the case may shall give justification for his remarks if the remarks of Head of Department in Part B are not satisfactory.

Part D: Final Review by accepting authority.

The Institute strictly follows all the basic recruitment and promotional policies as stipulated by AICTE, Savitribai Phule Pune University as well as the Government of Maharashtra. Faculty members are expected to prepare an outline of his/her action plan in consultation with heads of the departments considering the requirements of all the stake holders, accreditation and ranking agencies with specified targets and submit the progress at the end of each academic year as specified above.

Non-teaching performance appraisal is annually carried out as per the prescribed format named as Confidential Assessment and Self-Assessment Reports of Non-Teaching/Technical/Non-Technical Employees. The adverse remarks as well as remarks of appreciation of any outstanding work shall be brought to the notice of the person concerned by the Principal with a view to making improvement in the performance by the faculty concerned.

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: 21.89

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
9	3	16	76	51

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: 45.64

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
134	164	82	40	67

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
67	68	75	74	75

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:

Mobilization and Utilization

The only source of receipts/income is Tuition Fees and Development fees from the students. The only financial resource mobilization option available with the institute is through students' fees. The institute fee

is fixed by the Fee Regulatory Authority (FRA) constituted by Maharashtra government. The institute submits the expenditure incurred every year to the FRA and gets the fee approved. The effective and efficient monitoring of utilization of the available financial resources of the institute is carried out through a well-defined procedure. The budgetary requirements are raised by all the academic and administrative departments and various subcommittee/functional heads every year as per the prescribed format and with justification. The requirements with proper specifications and justification are submitted to the Principal for consideration. The Principal rigorously reviews the budget requirements submitted by all the concerned, discusses the requirements and justification with all the concerned. As per the justified requirements and the available financial resources, the Principal allocates the budget. After considering the entire budget requirement and the total income from all the resources, the draft budget is prepared, ensuring that there is no surplus of the budget. This draft budget proposal is presented to the management for review and approval, giving all the details. After approval from the management, the budget is presented in CDC and GB· After approval from the CDC, the budget finally gets approval from GB. Once the budget is approved, every concerned functional head is informed about their approved budget. The utilization is done according to the budget allocation scrupulously following the well-defined procurement/purchase procedure laid down by the institute.

Financial Audit

The Institute has a well-defined procedure to monitor and audit the effective and efficient utilization of available financial resources for recurring (salary, licenses, maintenance, etc.) and non-recurring (infrastructure development) and academic processes. The Institute budget is prepared every financial year based on the requirements received from the various heads of the department and functional heads. The institutional budget is prepared after compilation of all the requirements for recurring and non-recurring expenditures and available financial resources (mainly student fees).

The budget is presented in GB for necessary changes and approval. The final approved budget is intimated to all the heads of departments and functional heads. All the expenditure, credits and debits are audited by external auditors. The external auditors are appointed by the management. Audit frequency is 4 times in a financial year and quarterly mandate for the auditing staff is in total 45 days. The balance sheet consisting of income and expenditure is audited by the charted accountant. The audit is conducted rigorously on 100% vouching. The audit check points consider purchase bills, quotations, approvals, cash receipts, and payments, fee receipts, bank transactions. All the purchase bills and other documents are audited in original. The statutory payment audit on TDS, Professional tax, provident fund payment, and employee settlement is also carried out. The objections raised in the Internal and External audit reports are reviewed by the Management, Principal and Accountant, and the necessary compliances are carried out toward the fulfillment of the objections raised. No major objections are found in the audit by the statutory auditors and minor audit suggestions are considered and complied with as per procedure. Any discrepancies are duly brought to notice and rectified immediately.

File Description	Document
Upload 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:

As per UGC and National Assessment and Accreditation Council (NAAC) guidelines SCTR's PICT established an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. The IQAC was set up in the academic year 2016-17. IQAC is represented by all the stakeholders including management, external academic experts, faculty, administrative staff, students, parents, alumni, industry, and a senior faculty member as coordinator. Quality enhancement is a continuous process, the PICT IQAC has been playing an important role in setting up the quality benchmark and striving towards realization of the goals of quality enhancement and sustenance.

The prime Objective of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of the institution, facilitate internalization of quality culture and institutionalization of best practices.

The functions of the PICT IQAC include

1. Identification and implementation of quality benchmarks/parameters for the various academic and administrative activities of the institution catering to the requirements of NBA, NAAC, NIRF, Autonomy, and Ranking agencies
2. Gathering the updated information on rules, guidelines, procedures, manuals and dissemination of the same to all the stakeholders
3. Organization of workshops, seminars on quality related themes and promotion of quality circles and enhance the awareness amongst all the stakeholders
4. Guiding all the concerned and coordinating in laying down the procedures, processes forcompliance of accreditation and ranking agencies
5. Acting as nodal agency and facilitation of all the activities including timely submission of AQAR, AAA, SSR, SAR, NIRF, Ranking Data, and all the related documents to comply with accreditation and ranking processes
6. Any other work assigned by authorities related to accreditation and autonomy on time to time basis related to accreditation and ranking activities

PICT IQAC has initiated the following quality initiatives and institutionalized significant improvements in the quality assurance and overall performance of the institution.

1. Carried out a detailed study and analyzed the requirements of NBA, NAAC, NIRF. etc.
2. Disseminated the Accreditation and Ranking requirements through various seminars, FDPs, and workshops.
3. Identified Key Quality Indicators, developed a KQI document with benchmarks to cater to all Accreditation and Ranking Expectations as a guiding document for the entire institution, departments, committees and faculty to continuously record the status with respect to benchmarks, monitor the progress and set the targets. The KQIs include both qualitative and quantitative metrics.
4. Proposed an action plan for achieving better score in accreditation and ranking

5. Developed a framework for Academic and Administrative Audit in accordance with NAAC guidelines and including all the Key Quality Indicators, conducted frequent academic and administrative audits on teaching learning, academic and administrative practices and processes, in addition to the regular audits conducted at department level by Program Assessment and Quality Improvement Committee (PAQIC), ISO internal and external audits at institutional level.

6. The audit reports, and the status of progress with reference to the Key Quality Indicators is presented in IQAC meetings, actions are initiated as per the suggestions received from the members, Action Taken Reports (ATRs) are prepared and disseminated.

7. IQAC has collaborated with Indo Universal Collaboration for Engineering Education (IUCEE) and PICT signed an MoU, many faculty members participated in various training programs on pedagogy, leadership etc.

8. Conducted a National Level online NAAC Sponsored National level Faculty Development Program during 2-6 May 2022 with a grant of Rs 28,000/- received from NAAC.

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: A. All of the above

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

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response:

Measures initiated by the Institution for the promotion of gender equity:

PICT believes in the principle of equality and inclusivity. The institute is committed to create a healthy environment that enables students and staff to learn and work without any fear of prejudice, gender bias and gender discrimination. Since inception, PICT has continued to remain committed to fostering an inclusive environment and creating a fair and equitable space for all staff and students, irrespective of theirgender by giving equal opportunities to women in all academic and administrative activities. The average percentage of women staff members and girl students in the PICT is above 40 percent which is quite encouraging. Most of the women staff members are representing major administrative posts as well as representing various institute level committees. Institute also shows gender sensitivity and ensures womensafety by forming Women Grievance Cell and Internal Complaint Committee which ensures Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students. Institute publicly notify the provisions against sexual harassment and ensure their wide dissemination. Various programs such as 'Celebration of International Women's Day, 'Awareness on Sexual Harassment', 'Health Awareness Program', exposure to internship drives offered from industries etc., for girl students and women staff members are supported, encouraged, and organized within the campus.

The Institute takes following measures to practice gender equality.

(a) Safety and Security:

- Well-trained and vigilant women security guards stationed across the campus.
- Security checkpoints at campus entry and exit.
- 24x7 functioning surveillance network.
- Separate girls' and boys' hostels with dedicated wardens.
- Strict implementation of Anti-Ragging policy.
- Rotational duty by all faculty members for ensuring discipline and security at hostel premises.
- Awareness campaigns on women safety and gender sensitivity through seminars.
- Orientation programs and camps by NSS, NCC, ICC etc. through student volunteers.

(b) Counselling:

- Counselling facility is available for all students irrespective of gender.
- Dedicated Faculty mentors are allocated for every batch of twenty students.
- Grievance Redressal Committees for staff and students.
- Moral and Career Counselling through dedicated counsellor.
- Ladies and gents' doctors on the campus

(c) Common Rooms:

Separate common rooms are allotted for girls' and boys' students, which are also facilitate meetings and discussions.

Institutional initiatives to celebrate / organize national and international commemorative days, events, and festivals:

The institution celebrates and organize national and international commemorative days, events, andfestivals with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our greatNational Leaders. The Faculty, Staff and Students of the institution come together to celebrate these occasions and spread the message of Unity, Integrity, Peace, Love and Happiness.

Some of the national and international days that our institute celebrate are given below:

- Republic Day
- Independence Day
- National Constitution Day
- Shiv Swarajya Din
- World Book Day
- Marathi Bhasha Gaurav Din
- Vibhajan Vibhishika Smriti Diwas
- Vachana Prerna Din
- Vigilance Day
- International Day of Yoga
- Matrubhasha Diwas
- Martyr day
- National Mathematics Day
- Integrity Pledge
- Japan Day
- Women's Day
- Teachers Day

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

7.1.2 The Institution has facilities and initiatives for

    1. **Alternate sources of energy and energy conservation measures**

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

Response: A. 4 or All of the above

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

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

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

Response: A. All of the above

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

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

Response:

PICT is known for its diversity and harmony. Even though admissions are centrally carried out by the Central Admission Program (CAP) by Maharashtra State Government as per the rules and regulations, the students admitted to our institute belong to various states across the country with different cultures, regions, languages, socio-economic backgrounds. In addition there are few international students. The teaching and non-teaching staff are recruited as per the norms prescribed by the statutory bodies from timeto time. Staff members also belong to various categories and even, the administrators, and functional headpositions are occupied by the staff with different back grounds on merit basis. This exhibits the efforts by the institute to maintain the inclusive homogeneous, and conducive environment.

We conduct student induction program for the freshers when they enter an institution as they come with diverse thoughts, backgrounds, and preparations. The purpose of the induction program is to make the students feel comfortable in their new environment, open them up, create bonding in the batch as well as between faculty and students, and develop awareness, sensitivity, and understanding of the self, people around them, society at large, and nature. Almost all faculty have undergone Universal Human Values workshop organized by AICTE and are trained to conduct induction program. Students are made to involve in various activities during this induction program, like

- Yoga
- Universal Human Values
- Lectures by eminent personalities
- Familiarization with the department/branch
- Interaction with various student clubs of the college
- Extracurricular activities etc.

All the students and staff celebrate together and greet each other on all the cultural events, festivals, holidays. All the extracurricular, co-curricular, professional society activities including sports are well organized and participated by all the students irrespective of their background.

Student and Staff welfare committees take utmost care that everyone gets an equal opportunity and maintain the harmony amongst the staff and students from various backgrounds. Linguistic differences areassimilated by ensuring a common professional language like English during working hours. Communal divides are nil. The Institute has a robust and longstanding commitment to its social responsibilities. The NSS Cell has undertaken many a socially responsible drives in the areas of charity and initiatives towards the underprivileged in society. Our students and staff have undertaken major projects to address the national issues like defense safety measures, agricultural development, women and child safety, use of ICT in education, etc. Differently abled students, staff, or teachers are supported with all the infrastructural facilities required for barrier free environment like provision of ramps, lifts, wheelchairs etc.

The Institute is fully committed to the Indian Constitution, in word and spirit. Various initiatives are taken at the institution to make the students and staff aware of the constitutional values, obligations, values, rights, and responsibilities. Every year Independence Day is celebrated to highlight struggle of freedom and importance of Indian constitution. Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly, Constitution Day is celebrated on 26th November by reading out the Preamble as stated in Constitution of India. As part of the curriculum a noncredit audit courses on Constitution of India, Cyber Security Social awareness, are included to make the students aware of the constitutional values, obligations, values, rights, and responsibilities.

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

7.2 Best Practices

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

Response:

Best Practice-1:

1. Title of the Practice

Activities ad events of **"PICT ACM Student Chapter (PASC)".**

2. Objectives of the Practice

- To organize different technical and non-technical events for students to nurture their hobbies and creativity
- To provide a platform for
  - Networking with eminent personalities from industry and academia.
  - Improving skills such as leadership, teamwork, and lifelong learning.
  - solving real life problems through engineering knowledge.

3. The Context

PICT ACM Student Chapter (PASC), established in 2012 with a vision to be the leading best performing chapter of international repute and, aims to provide a platform to attract gifted individuals to nurture their hobbies and creativity and apply it to solve real life problems using computing machinery

Strong ACM alumni student network helps the junior chapter members to grow technically and professionally.

Our tagline is Join us as student, leave as Professional!

4. The Practice

PASC always tries to orient innovative minds in the right direction for all-round development. PASC is very well known for its flagship event "PULZION" organized annually, which includes varied technical and non-technical events. Participation from all over India is observed for the same. Along with Pulzion, PASC also organizes "PASCKATHON", a national level hackathon. PASC-W a special wing of PASC which organizes its event "RADIANCE" to promote women in technology.

PASC believes in repaying the society, so it takes part in initiatives like "Hour of Code", where our members teach school children Computer Fundamentals and preliminary Coding Skills. Throughout the year various eminent speakers and alumni talk are being organized for guiding the students on cutting edgetechnology. PASC has Special Interest Groups (SIGs) on Web Development, Android App Development, Cyber Security, Machine Learning, Blockchain and Cloud Computing, career counseling. Students are constantly encouraged for regular meetups and sessions are conducted by PASC senior members (Alumni,experts, and final year students) to bring like-minded students together to interact and share knowledge with each other.

5. Evidence of Success

PICT ACM Student Chapter (PASC) is one of the early initiatives in India that has witnessed great success within a small duration. Chapter involves students from all the three branches in PICT.

Following is some of the achievements of the PASC:

Received Funding of Rs. 1,00,000/- for students' activities for 2021-22
- Won the ACM India Best Chapter Award 2018 and 2019
-

- Won the ACM India Best Chapter Award 2020 with prize amount 1,00,000/- and 2021 with prize amount 1,00,000/-
- Won the ACM India Outstanding Website Award 2021 with prize amount Rs. 25,000/-

Best Practice-2:

1. Title of the practice

"Startup and Innovation Ecosystem to promote project-based learning and Entrepreneurship Development.

2. Objectives of the Practice

1. To foster an entrepreneurial spirit in students and create a robust institute ecosystem
2. To encourage students' ideas that have a great potential to become a good product or service that should benefit society.
3. Enhancement of technical and Business skills of the students required for entrepreneurship.

3.The Context

PICT Start-up and Innovation Cell (SIC) aspires to be a leader in creating an encouraging ecosystem and culture for Start-ups, Innovation by conducting creative activities and contributing to the economic growth and social advancement of the nation. The PICT Entrepreneurship Development Cell (EDC) and Business Incubation Centre (BIC) firmly believe that India needs the drive and innovation of young entrepreneurs. The Cell therefore aims at manifesting the latent entrepreneurial spirit of the youth.

4.The Practice

The institute has taken this facility initiative for all the students at the institute. Under this initiative, the call for innovative ideas will be made during each semester and the projects will be shortlisted based on the industrial jury members assessment. The ideas must be relevant to the current scenario and must be deployed to solve societal issues. The institute provides 24x7 access to the "Startup and Innovation Cell" and provides all the resources required to complete the project. The "Startup and Innovation Cell" has strong collaboration with industries, which assist institute to bridge the gap between industry and academia.

5. Evidence of Success

- At EDC, we have incubated around 16 companies to date and some of the companies are already unicorns.
- Recently the IoT-based startup named MIBAIO at Startup and Innovation Cell was registered as PVT LTD and is under Startup India Program and incubated at PICT's EDC.
- The other incubated companies are MySacredTrips and Rebert Technologies PVT LTD which are product-based companies.
- The EDC has also received intent letter of 50 Lakhs of grants from the Navyuvak Entrepreneurs for the startup's ideas originating from PICT.

- In 2019, PICT has started a Startup and Innovation Cell and within its short span, there are few success stories.
- The "Startup and Innovation Cell" in its first year only proved to be extremely successful in entrepreneurship development. Our three products are made as per industrial standards and deployed in the institute for testing and verification. All three products are innovative in nature andare built in consultation with industrial partners.
- One of the projects was appreciated by Google's developer Group Summit held at JW Marriott, Pune on Sep 2019. Those students are also recognized as "Women Entrepreneurs of Maharashtra".The
- cell has organized more than 35 various events including pitching competitions, business development workshops, success stories of entrepreneurs, etc.
- Three faculty coordinators have completed training as "Innovation Ambassador" by MHRD. A team of 10 students are currently completing courses on "Leadership and Sustainability" and "Introduction to Entrepreneurial Thinking" by IUCEE respectively.
- The MHRD's Institute Innovation Council (IIC) who is looking after EDC and SIC activities has awarded 4 Star rating to PICT'S IIC in AY 2020-21.
- Also, PICT is placed in the band "Promising" in Atal Ranking of Institutions on Innovation Achievements (ARIIA) in AY - 2020-21.

6. Problems Encountered and Resources Required

1. Making students active in entrepreneurship even after completion of degree seems to be difficult, as they are more lured towards lucrative job offers from top MNC's.

2. The students may not be able to build commercial product due to financial problems. They must be supported by Venture Capitalists.

3. The student also needs some mentorship to build the right business model.

File Description	Document
Any other relevant information	View Document
Best practices as hosted on the Institutional website	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:

Thrust Area : ICT Engineering Education

Pioneer in Information and Communication Technology (ICT) Engineering Education and Research

PICT was established in 1983 under the aegis of SCTR with a vision to be the leader in higher technical education and research of international repute. PICT is an elite academic institute and believes in value-based quality education and research in the field of Information and Communication Technology (ICT) for the last 39 years. Considering the need for Computer Engineers globally, our great visionaries started the Bachelor of Engineering (B.E.) program in Computer Engineering (CE), in the year 1983. PICT is the first private self-financed institute to start a UG CE program in Maharashtra. About 39 years ago, visionary leadership foreseen the explosive growth of computer, ICT and built PICT to be the world class institute without deviating from the focus towards ICT even though they had a choice to expand the institute horizontally with other conventional engineering streams. Since then, it has been contributing to the economic growth of India and the world by producing competent ICT professionals.

PICT is constantly endeavouring to achieve higher levels of technical excellence in ICT by offering under-graduate (UG) programs in CE, E&TE, and IT; and post-graduate (PG) programs in CE, Data Science, Electronics & Communication (Wireless Communication Technology), and Information Technology. In addition, PICT has a research center offer PhD programs in CE and E&TE.

PICT strives to create ICT professionals of global acceptance and achieve an outstanding reputation thereon. All the academic, administrative, curricular, co-curricular, extracurricular, and training beyond the curriculum activities are meticulously planned towards achieving these goals. The following outcomes of these goals and activities carried out thereupon portray the institute's performance in the area of ICT.

Admissions:

PICT is the most sought-after institute in the area of ICT for aspiring engineering students across the state of Maharashtra. It has been attracting gifted individuals since its inception. The admissions for all the UG programs are 100% with a high cut-off about 97.8 percentile in MHCET and with a rank below 3300 in 2021-22.

ICT Infrastructure

Institute deployed state-of-the-art ICT tools in classroom and laboratory learning since its inception. The institute adopted ICT enabled teaching-learning processes by providing the required infrastructure in addition to traditional classroom teaching.

Teaching Learning Processes

Academics at PICT are run through a well-planned academic calendar with strict adherence. Institute has institutionalized OBE processes with a structured academic hierarchy. In addition to the SPPU curriculum, departments conduct various training and certificate programs to enhance students' skills hence employability. Faculty members have been very quick enough to adapt to the latest innovative pedagogical practices using ICT and implemented them in classroom and laboratory teaching and learning.

Professional Society Activities

PICT campus is technically vibrant with a lot of activities throughout the year, supported by professional societies like IEEE, ACM, and CSI. Student chapters of these societies organize many technical events and won the best student chapters.

Collaborations

Institute has been consistently collaborating with reputed academic institutions and industry to provide exposure to the latest technological developments and real-time industry practices. Institute signed functional MoUs with 51 organizations.

Research and Development

Research has been one of the focus areas of the institute. Institute encourages and motivates all the faculty and students to carry out research in cutting-edge technological areas by providing the required infrastructural facilities. PICT has been receiving research projects/ funds from various government and non-government agencies. The total grants received is Rs. 1.81 Cr towards research, STTP/FDPs, value addition, and consultancy from various agencies. Research Cells/groups are formed to streamline the research in domains. Currently, 46 plus patents are filed and published by student and faculty members out of which 13 patents are granted. Total 168 papers are published by our faculty members in reputed journals over the last five years.

Performance in University Results

The academic results of PICT are the best among all the colleges affiliated to Savitribai Phule University (SPPU). Average percentage of final results is 98% for the last five years. Our students bagged many of the top ten ranks at university level examinations across all the programs. Four of them went on to win the Gold Medals for their best performance at university examinations.

Extra and Cocurricular Activities

The PICT art circle is one of the top cultural groups known for its talents & achievements. The activities include but are not limited to: Art, Drama, Debate, Dance, Singing, & quizzes. Our students have bagged many prestigious awards, prizes, & medals in technical, sports, and cultural events.

Student Participation, Awards in Competitions

There are clubs/groups like ROBOCON, GameDevUtopia, DRONE, SIGs, BUDDYs, Automobile (Electric Racing Cart), Debate, TEDx, MUN, etc. PICT student actively participates in national and international level technical competitions. Every year 50% of the participating teams from our institute won the prizes of worth about 20 Lakhs, in Smart India Hackathon at national and international level. Our Institute topped the list all over india in Smart India Hackathon 2019. One team from our institttebagged the runner up prize of $10,000 in better helath global hackathon. PICT ROBOCON Team stood 4thin 2014, 11th in 2017 and 14th in 2018, 13th in 2019, and 6th in 2022 at the National ROBOCONContest.

Training and Placements(T&P) Cell

The cell further facilitates training activities and nurtures the students throughout their graduation in study for them to be able to successfully face the interviews and to become global citizens. Training activities include soft skills, life skills, competitive coding, aptitude, and AMCAT. PICT has an illustrious placement record of placing 2900 students at an average of 75.91% per year, and contributing to the growth of ICT over the last five years. In academic year 2021-2022 the average salary was Rs 11 lakhs and 102

companies visited the campus for recruitment.

Start-up and Innovation Cell (SIC) and Entrepreneurship Cell (EDC)

To inculcate and encourage research culture, are set up. Under these cells, 3 products are developed in-house, and 16 companies are incubated so far.

Alumni

PICT Alumni Association (PAA) is proud of its heritage in delivering excellence in technical education and research and cherishing the enunciated glory of more than 10000 alumni in diversified segments, especially in ICT. Alumni are actively involved in the various activities on campus and contributing to thedevelopment of the institute.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

Institute has put in lot of efforts in improvement of the following since last accreditation

- Significantly improved in research by receiving a total grants of Rs. 1.81 Cr towards research, STTP/FDPs, value addition and consultancy from various agencies. Currently, 46 plus patents are filed and published by students and faculty members out of which 13 patents are granted. Total 168 papers are published by our faculty members in reputed journals over the last five years. Adequate research fund is allocated. Domain groups are formed with good laboratory facilities to carry out research in various domains. Dean R&D is appointed to motivate students and faculty to pursue academic and scientific research.
- Created a conducive ecosystem to promote innovation by setting up start up innovation cell, and EDC. IPR cell and Industry Institute Interaction Cell are established.
- Promoted quality and qualification improvement of staff by sponsoring them to various workshops/conferences, FDPs etc. and PhD. Number of faculty with PhD is significantly improved. Supported Non-Teaching skill upgradation.
- Number of functional MoU is increased to 51.
- E-governance is implemented for various functions including admission, library, accounts, Learning MIS etc.
- Set up a strong and functional Internal Quality Assurance Cell that institutionalized various quality initiatives by setting up benchmarks and organized FDPs and STTPS on Quality issues in engineering education.
- Students are encouraged and facilitated to contribute to the society through extension activities, student hackathon etc. The number of activities and the participation is improved.
- Alumni are actively involved in the various activities on and off campus like mentoring for internship and project work, delivering expert talks, mentoring sessions, sponsorship of the ongoing students (academic, financial) and lab setup (3D Printing), buddy groups, and on-campus job opportunities.

Concluding Remarks :

Institute has well formulated vision and mission, considering explosive growth rate of ICT sector in the country and the world. PICT has completed 39 years as a premier technical education and research institute. A well formulated strategic development plan is prepared to cope up with the expectations of everchanging requirements of the stake holders, ICT technology evolutions, and NEP 2020. Effective implementation of academic processes, best ICT infrastructure, laboratories with the state-of-the-art software and hardware facilities, industry-interaction, self-learning and co-curricular and extra-curricular activities are some of the special features which cater to the holistic development of the students. The Institute focus is on excellence in technical education and portrays its distinctiveness in ICT with all-round performance in university results, research, innovation, national/international student hackathon, professional society, extension, sports, etc activities.

With this track record of excellence in the field of technical education and research over the period of time, the institute is planning to obtain autonomous status and continue striving to meet its stated vision, mission, and objectives following the values.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
3.2.2	*Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years* 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** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
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67	65	40	11	10 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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40	44	19	7	7	 Remark : As per clarification received and revised document received from HEI, based on that, DVV input is recommended.
5.1.1	**Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years** 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 Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
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1399	1349	1308	1152	720 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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1390	1338	1277	1149	717	 Remark : As per clarification received and revised document received from HEI, based on that, DVV input is recommended.
5.1.3	**Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years** 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**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2956	2434	802	762	405

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2956	2434	802	762	176

Remark : As per clarification received and revised document received from HEI, based on that, DVV input is recommended.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Expenditure excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>783</td><td>748</td><td>833</td><td>1062</td><td>931</td></tr></table> Answer After DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>783.404</td><td>748.3800</td><td>833.8536</td><td>1062.044</td><td>931.6901</td></tr></table>

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