Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SCTR'S PUNE INSTITUTE OF COMPUTER TECHNOLOGY**
Name of the head of the Institution	**Dr.Prahlad T. Kulkarni**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02024371101**
Mobile no.	**9923446356**
Registered Email	**principal@pict.edu**
Alternate Email	**ptkul@ieee.org**
Address	**Survey no.27, Near Trimurti Chowk, off Pune Satara Road,Dhankawadi**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**411043**

2. Institutional Status	
Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Rajendra G.Yelalwar**
Phone no/Alternate Phone no.	**02024371101**
Mobile no.	**9890912278**
Registered Email	**rgyelalwar@pict.edu**
Alternate Email	**ryelalwar@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://pict.edu/wp-content/uploads/2017/05/AQAR-2017-18_PICT-PUNE.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://pict.edu/wp-content/uploads/2015/09/Academic-Calander-2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**80**	**2004**	**16-Feb-2004**	**15-Feb-2009**
2	**B**	**2.88**	**2010**	**04-Sep-2010**	**03-Sep-2015**
3	**B+**	**2.71**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**25-Aug-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Revision of Academic and Administrative Audit formats	03-Aug-2019 1095	15
Innovation and start up cell	25-Jan-2019 355	12
Conduction of Audit Courses	16-Jun-2018 1278	300
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Mousami V. Munot	Skill & Personality Development Programme SPDP	AICTE	2017 1095	1278235
Dr. R. Sreemathy	Research Grant	R.G.S.T.C.	2017 730	328000
Dr Rupesh C. Jaiswal	MODROBS	AICTE	2018 1095	1248800
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

• Revision of Academic and Administrative Audit formats • Conduction of various FDP/workshop/Seminar/Certificate courses/Industrial visits • Participation in NIRF • Improvement in Internship • Improvements in IPR, consultancy, Innovation Research

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

Plan of Action	Achivements/Outcomes
Uniform format for AAA Audit in the entire Institute	Uniform format has been implemented for all the departments and the internal audit has been conducted for 201819, accordingly
Identify the core domains based on the feedback from industry experts and conduct certificate course (minimum one) per semester/ department	Identified domains for certificate courses. courses on "Software Testing", JAVA, and C++ programming are conducted
Skill up gradation for non-teaching staff on regular basis	Conducted workshops and Hands on sessions for Skill up gradation for non-teaching staff
To start industry sponsored project	Students and staff are jointly working with industry on selected projects and some of them are completed
To improve the R&D activities	Research promotion funding schemes circulated to all departments. Domain wise core groups are formed for further improvement in R&D activities
To concentrate on product development and patents	Significant improvement in product development and patenting is achieved Patent Published :08, Patent filed: 08
AQAR report Submission	AQAR report will be uploaded within stipulated time
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee	12-Jul-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	22-Sep-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019

Date of Submission	31-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	P.I.C.T M.I.S system is focused on providing the utilities useful to students, teachers, administrators and parents. This has features facilitating –Attendance system, Assessment process, Admission module, Account (Salary and Income tax computation), Leave management, Placement module, Purchase system. This has also Parent portal, which updates the ward's progress regularly. It has feature form for Parentteacher interaction also.MIS modules which are operational are as Access Management module: Year Shifting User Management Student Admission Fees Management Student Attendance Unit Test Portal Practical and Tutorial Assessment Academic Management Staff Leave Management Certificates Document Flow HRMS Payroll Management News Circular Admin Activities Parent Portal Register Your Grievance

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Institute is affiliated with Savitribai Phule Pune University(SPPU) The revision of the curriculum is done by the Savitribai Phule Pune University every four to five years, to cope up with the technological changes and to meet the dynamic industry requirements, so as to impart better and relevant education to the students to meet the future challenges. This has helped in enhanced learning amongst the students. The faculty of all departments are actively participating in curriculum restructuring, revision, syllabus development, Board of Studies, Board of examination, worked as resource person in faculty development or curriculum development workshops. Every department forms Subject groups for Academic year. The Faculty also identify gaps in the curriculum, based on the feedback received from various stakeholders and try to bridge the gap by conducting expert lecture/ workshop/seminars and covering the contents beyond the syllabus. The entire faculty are expected to prepare the course file which contains: Vision and Mission statement of the Department and Institute, Calendar of events, Time Table, Syllabus, teaching plan, course contents (PPTs, notes, videos etc), assignments, mini projects, question bank, MCQs, feedback and corrective measures, etc. The periodic academic audit is conducted to monitor and improve the curriculum delivery and the overall quality of education.The Faculty of same course together define Course Objectives, Course Outcomes and mapping with Program Outcomes for the courses and present it in front of the group head. Group heads suggests essential

changes. The Faculty define target attainment level based on last three years attainment values and chalk out plan to achieve it. The Faculty members also calculate Course Outcome attainment by considering internal and external assessment of every student. In internal assessment attainment, unit tests, presentations, case studies, class tutorial, home tutorial, are considered. External assessment attainment is done on the basis of University Examination results. By considering all the CO attainment values, attainment of Programme Outcome is calculated

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
JAVA programming	Nil	01/08/2018	30	Employabilit y	JAVA
Data Science and Big Data Analysis	Nil	05/09/2018	30	Employabilit y	Big Data
Soft Skill	Nil	15/06/2018	90	Employabilit y	Communicatio n,Attitude, confidence,t eam work and interpersona l skill
Problem solving, Data structure using C	Nil	20/07/2018	30	Employabilit y	Data structure
Object Oriented Programming with JAVA	Nil	20/07/2018	30	Employabilit y	JAVA programming skill
Microprocess or and 64 bit assembly language programming	Nil	16/03/2019	30	Employabilit y	Assembly language programming
Software Testing	Nil	05/08/2018	15	Employabilit y	Familiar with software testing tools

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting	Programme Specialization	Date of implementation of

CBCS		CBCS/Elective Course System
BE	Machine Learning Wireless Sensor Network Embedded real Time Operating system	15/12/2018

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

	Certificate	Diploma Course
Number of Students	397	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Problem solving using C	20/07/2018	3
Object Oriented Programming with JAVA	20/07/2018	7
Microprocessors and 64 bit Assembly language programming	16/03/2019	4
Software Testing	05/09/2018	10
Overall Personality Development for Employability Enhancement	23/06/2018	112
Workshop on Design "Thinking	08/09/2018	115
FOSMOSIS	30/03/2019	108
Cyber Security	30/03/2019	130
Joy Of Python : Audit Course	15/06/2018	135
Leadership and Personality Development : Audit Course	16/12/2018	135
ROBOCON: Arduino Botix Workshop	17/08/2019	92
ROBOCON: PCB Designing Workshop	04/09/2018	49
IET SCIENTIA TI Innovation Lab: Signal Processing using MATLAB	01/07/2018	20
IET SCIENTIA TI Innovation Lab: CN Fundamentals	30/06/2018	13
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Enginnering,Information	344

	Technology,Electronics and telecommunication	

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The college has an effective continual and active feedback system. The regular feedback is obtained from various stake holders like: Students, Teachers, Employers, Alumni, and Parents. The feedback is critically analysed for inclusion of changes and improvements in Academics, Administration and Infrastructure methodology like inclusion of topics beyond syllabus, delivery of content through Industry person, Lab set up, purchasing state of art equipments for project work, organizing industrial visit for better understanding of topic etc. On the basis of feedback received, the action plan is prepared and the corrective measures are taken, promptly. Most importantly feedback from parents is taken on the regular basis, through parents meet. Alumni feedback is collected every year during alumni meet. The Institute has a Students' Council (includes students representative) which is another source of feedback for the Institute authorities. Feedback is also collected through mail and suggestion box. The employer's feedback has been very positive so far.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
ME	Information Technology	18	26	12
ME	E&TC Engineering (Microwave)	18	32	5
ME	Computer Engineering (2nd Shift)	24	41	12
ME	Computer Engineering	25	53	13
BE	Information Technology	180	800	190
BE	E&TC Engineering (2nd Shift)	60	300	57

BE	E&TC Engineering	180	825	187
BE	Computer Engineering (2nd Shift)	60	300	60
BE	Computer Engineering	180	850	214
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3011	83	132	14	146

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
146	146	10	34	3	7
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

The Students mentoring system is available in the institution. A mentor (Teacher Guardian) is appointed for a batch of 15 to 20 students and periodic studentmentor interaction takes place twice in a semester. Special efforts are taken for mentoring students in the mentoring session by mentor. Topics like engineering career, placement opportunities, study planning, career development, professional practices and personality development are discussed with students during mentoring sessions. Students are motivated and are psychologically prepared to face professional and social challenges. Mentor addresses all the issues and with the help of head of the department obtains the solutions for different issues raised during the discussion.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3011	146	1:20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
140	146	0	9	30

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

Year of Award	Name of full time teachers	Designation	Name of the award,

	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2018	Prof.D.D.Londhe	Assistant Professor	Successful Completion of NPTEL Course on Software Engineering
2018	Prof.S. D. Shelke	Assistant Professor	Successful Completion of NPTEL Course on Programming, Data Structures and Algorithms using Python
2019	Prof. R. V. Kulkarni	Assistant Professor	Successful Completion of NPTEL Course on , Data Mining
2018	Prof.S.H.Chandak	Assistant Professor	Successful Completion of NPTEL Course on Database Management systems
2018	Prof.S.H.Chandak	Assistant Professor	Successful Completion of NPTEL Course on Joy of computing using python
2018	Prof. Pujashree Vidap	Assistant Professor	Successful Completion of NPTEL 8 weeks online course on Introduction to R Software and programming course with gold performance
2018	Prof. Rutuja A Kulkarni	Assistant Professor	Successful Completion of NPTEL 8 weeks online course on C programming
2018	Mr. Nilesh Suresh Shirude	Assistant Professor	Successful Completion of Programming in Java - Elitegold certificate
2019	Prof.D.D. Londhe	Assistant Professor	Successful Completion of NPTEL 4 weeks Course on Interaction Design
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
ME	CE,ETC,IT	SEMII	20/05/2019	14/08/2019
ME	CE,ETC,IT	SEMI	03/11/2018	18/03/2019
BE	CE,ETC,IT	SEMII	09/04/2019	24/07/2019
BE	CE,ETC,IT	SEM I	12/10/2018	01/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal evaluation is done by unit tests, tutorial and prelims examinations for theory courses. Mock practical examinations are conducted once at the end of semester to evaluate student's performance in practical. At the commencement of Semester Unit test committee decides schedule for conduction of two unit tests. Unit test is conducted at the same time for all classes on similar portion. The course coordinator in coordination with other course teacher set the unit test paper. The assessment is done by respective teachers. The course outcome attainment of internal assessment will be calculated based on the results of the unit test. The student who were absent or failed in exams, they have to resubmit the paper in the form of assignment. As per the academic calendar all the course coordinators prepare schedule for Laboratory assignment and mock practical exams. During continuous assessment teacher assess student on the basis of regularity, punctuality, conceptual knowledge, programming skills (way of execution), oral journal writing skills for each assignment. Institute level uniform process is defined for term work calculation. Two reviews in every semester are conducted by domain expert committee members for BE projects and Logbooks are maintained for projects seminar for Continuous evaluations.

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

At the beginning of every new academic year, academic calendar is prepared for institute in line with SPPU academic calendar. Based on Semester commencement/conclusion, University examinations and holidays, the various CoCurricular extracurricular events are planned in institute academic calendar. All the functional heads propose their budget action plan to Principal. For the smooth conduction of all activities before commencement of semester purchasing of equipment as per requirements happens. All the departments frame the schedule of the academic activities such as Unit tests, mock online tests, project/seminar activities, workshop/seminar/guest lectures, remedial classes, in the academic calendar. The students are also informed in advance about curriculum and academic calendar. After conclusion of semester compliance report is generated for academic calendar and necessary actions will be taken.

2.6 – Student Performance and Learning Outcomes

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

https://pict.edu/department/computer-engineering/,
https://pict.edu/department/electronics-and-telecommunication/,
https://pict.edu/department/information-technology/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
IT	BE	Information Technology	140	137	97.86
ETC	BE	Electronics and Telecommunication(First shift and Second Shift))	283	267	94.35
CS	BE	Computer Engineering(First shift and Second shift)	292	291	99.65

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2.7 – Student Satisfaction Survey

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

https://pict.edu/wp-content/uploads/2017/05/Student-Feedback-Survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	730	SPPU	150000	150000
Interdisciplinary Projects	730	VEM Tooling	1589000	30000
Minor Projects	365	IEEE pune	160000	160000
Major Projects	1095	AICTE	1561000	1248800
Major Projects	730	RGSTC	2011145	328000
Major Projects	1095	AICTE	1278235	0

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Intellectual Property Rights and Patents	Electronics and Telecommunication	01/04/2019
MATLAB Theory to	Electronics and	08/04/2019

Practice: Application in Hearing, Speech and Language Sciences	Telecommunication	
Life skill, Professional attitude, soft skills	Electronics and Telecommunication	05/02/2019
Auditory Signal Processing and MATLAB Programming	Electronics and Telecommunication	04/10/2018
Skill/Professional Skill Building Program	Electronics and Telecommunication	27/08/2018
Introduction to German Language	Electronics and Telecommunication	28/07/2018
GUI Design and PC Based Monitoring Control of Arduino.	Electronics and Telecommunication	14/07/2018
Introduction to Japanese Language, German Language	Computer Engineering	14/07/2018
Professional ethics and etiquettes	Computer Engineering	05/07/2018
Seminar on Machine Learning and Computational Intelligence	Computer Engineering	18/01/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Problem Statement : digitizing the medical data in paper forms, handwritten notes or any non-digitized data and converting into standard medical data format like hl7, fhir,ccd.	Samridhi Maheshwari, Team Leader Name : Chinmay Shimpi,Team Name - HackEliteZ	NITK, Suratkal and Ministry of NCORD,Prize money - Rs. 75000/-	03/03/2019	software Complicated
Problem Statement - The distribution of groundwater intensive industries	Shivam Balikondwar,Team Name – hidden for privacy	SSN ,Chennai, And Ministry of Water Resource,Prize money - Rs 50000/-	03/03/2019	Software Simple
Problem Statement : Autonomous ephemeris predictions by navigation receivers	Vindeep Chaudhari Team Name : Atulya_6	Gujarat Technological University, Ahmedabad and ISRO Prize money : Rs. 75000/-	03/03/2019	Software Complicated

Problem statement- Online Entreprenuers Club	Nikhil Narwade, Team Name : A2V	C.O.E.P Pune and ministry of deAsra,Prize money : Rs. 75000/-	03/03/2019	Software Complicated
Problem statement- Human Activity Recognition using event based sensors for Home IOT applications	Purva Ekatpure Team name- ThikHai	B.V. Bhoomraddi College of Engineering and Samsung R D,Prize money : Rs. 50000/-	03/03/2019	Software Simple
Smart India Hackathon 2019,Problem statement- Gaming around business simulation	Sabarinath S. Team name- LoremIpsum	COEP, Pune and ministry of deAsra,Prize money - Rs. 1,00,000 /-	03/03/2019	Software Complex
Smart India Hackathon 2019 sychronous autonomous drones	Sidhanth Nikumbh, Japjyot Gulati , Pallavi Dadape,Ashwin Kotgire, Prajakta Lanje,Mohite Arora	Smart India Hackathon 2019,Prize of Rs. 1 lakh -	03/03/2019	Hardware
Smart India Hackathon 2019 ,Problem statem ent-Integrated Health Care Industry	Varsha Kukreja,Team name- Java_js Vedang Mandhana ,Shubham Sundrani And Team	mart India Hackathon,Sree Buddha College Of Engineering,And Thermo Fisher Prize money - Rs.5000	03/03/2019	Software Complicated
Team Leader Name- Urmil Shah,Team name- RUPAAM	Urmil Shah,Team name- RUPAAM	Smart India Hackathon Welingkar institute of management , Matunga, Mumbai and Emcure industry,Prize money Rs. 5,0000/-	03/03/2019	Software Simple
Smart India Hackathon 2019 , Problem statement- Aggregation of Financial Channels	Sairaj Santosh Sawant, Team name- Simplifiers	IIT KANPUR, And Ministry of DIPP Rs.1,00,000/	03/03/2019	Software Complex
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Mr. Yogesh Karpate	Pune Institute of Computer Technology	Xstats	Private	01/07/2018

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NIL	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Engineering	24	9
International	Electronics and Telecommunication	25	9
International	Information Technology	6	6
National	Electronics and Telecommunication	3	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics and Telecommunication	2
Computer Engineering	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Concept based document similarity using graph	Dr. Sheetal Sonawane	International Journal of Information Technology	2018	4	PICT	0

model							
Evidence Based Trust Estimation Model for Cloud Computing Services	Dr. Rajesh Ingle, Shilpa Deshpande	International Journal of Network Security	2019	8	PICT	0
Preferences based Customized Trust Model for Assessment of Cloud Services	Dr.Rajesh Ingle, Shilpa Deshpande	International Journal of Electrical and Computer Engineering	2018	8	PICT	0
Middleware for Service composition in Cyber Physical	Dr. Rajesh B Ingle, Swati Nikam	Journal of Computational and Theoretical Nanoscience	2019	8	PICT	0
Service composition Issues in Cyber Physical Systems and Middleware Design	Dr. Rajesh B Ingle, Swati Nikam	Journal of Computational and Theoretical Nanoscience	2018	8	PICT	0
Service composition algorithms in cyber physical systems.	Dr. Rajesh B Ingle, Swati Nikam	Journal of Theoretical Applied Information Technology	2018	8	PICT	0
Energy-aware VM migration using dragonfly-crow optimization and support vector regression model in Cloud	Dr. Rajesh B. Ingle, Nitin S More	International Journal of Modeling, Simulation, and Scientific Computing	2018	8	PICT	0
Context-Based Multi-ocument Summarization.	Dr. Sheetal Sonawane, Dr. Archana	International conference in Contemporary	2018	4	PICT	0

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
	Ghotkar	Advances in Innovative and Applicable Information Technology				
Secure Mechanisms for Key Shares in Cloud Computing	Dr. Amar Buchade, Dr. Rajesh Ingle	International Journal of Rough Sets and Data Analysis	2018	3		PICT
Analysis of Various Features of Hand Gestures using Leap Motion Controller for Indian Sign Language Interpretation	Dr. Archana Ghotkar,Prof. Pujashree Vidap	International Journal of Engineering Trends and Technology	2018	9		PICT

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Quality Constrained Multi-Attribute Energy-Efficient Resource Allocation For Heterogeneous Cognitive Radio Networks	Dr.P.S.Varade, Dr. Y.Ravinder	IET	2018	2	0	PICT
Throughput Maximization of Cognitive Radio Multi Relay Network with Inter	Dr.P.S.Varade Dr. Y. Ravinder	International Journal of Electrical and Computer Engineering (IJECE),	2018	2	0	PICT

Note: In the first table the "Number of citations excluding self citation" column shows 0 for both rows (PICT affiliation), with h-index values 3 and 9 respectively.

ference Management						
Geolocation Aware Resource Allocation In Cellular Based Cognitive Radio Networks With Green Communication Perspective	Dr.P.S.Varde Dr. Y. Ravinder	Journal of Engineering Science and Technology	2018	2	0	PICT
DTCWT-ICA based Improved DOA Estimation of Closely Spaced and Coherent Signals with Uniform Linear Array	Dr. Y. Ravinder	International Journal of Intelligent Engineering and Systems	2018	3	0	PICT
Wireless Affective Brain Computer Interface based Emotion Assessment Model	Dr. S. C. Dharmadhikari	International Journal of Computer Applications, Foundation of computer science	2019	5	0	PICT
Healthcare Analytics Systems: An Overview	Dr. G. V. Kale	International Journal of Engineering Science Computing	2018	3	0	PICT
			[View File](#)			

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	16	0	1	28
Presented papers	11	0	0	0
Resource	1	2	0	15

persons			

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Kerala flood donation	NSS	2	20
Clothes donation drive	NSS	2	10
Paddy cultivation program	NSS	2	18

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Student Welfare Scheme	SPPU	Workshop on Financial Planning	2	50
Student Welfare Scheme	SPPU	Workshop on Theatrend	2	27
Student Welfare Scheme	SPPU	Workshop on Music and Mind	2	80
Nirbhay Kanya Abhiyan	SPPU	Workshop on Cyber Security	2	80
Nirbhay Kanya Abhiyan	SPPU	Taljai Jungle Walkathon	2	350
Karmveer Bhaurao Patil Earn and Learn Scheme	SPPU	Earn and Learn	2	18

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Industry Sponsored	08	Patagonia Health	700

project		service, North Carolina, USA		
Summer Internship	19	Shimbi Lab,Pune		365
Educational Tour	17	Self in association IJBC, Japan		8
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
sharing of research facilities	Advanced Topics in Embedded Systems and Robotics"(Python and IoT)	e-Yantra Lab IITB	07/02/2019	09/02/2019	2
project work	e-Yantra Ideas Competition Regional Finals 2019	e-Yantra Lab IITB	18/02/2019	18/02/2019	70
Internship	Industry internship	NTT DATA, Japan	01/06/2019	30/07/2019	2
project	ME Final Year Project	Siemens contact Person Mrs. Vinita Srivastav,Whirlpool contact Person Mrs. Shruti Jaiswal 9552986125,Emerson contact Person Mr. Laxmikant Dhadge,Ideas contact Person: Mrs. Shaily Mittal,Embold	01/07/2018	30/05/2019	15
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

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

IEEE Pune Section	07/09/2018	Workshop, expert talk, Development of Agriculture technology lab	8
Red Hat Academy	18/09/2018	Certificate Courses for student	20
BMC Software India	05/03/2019	BE projects ,Internship,Scholarship	21
IndoJapan business council	02/04/2018	Faculty exchange, Delegates, Internship	17
FriCorp, Norway	02/04/2018	Design of novel algorithms,Student Internship	5
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
30486000	38156602

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Partially	18.05	2018

4.2.2 – Library Services

Library	Existing	Newly Added	Total

Service Type						
Text Books	21346	6207456	76	14815	21422	6222271
Reference Books	14194	3341251	25	14338	14219	3355589
e-Books	737	229904	594	149358	1331	379262
Journals	48	77028	40	41422	88	118450
e-Journals	207	908894	605	932443	812	1841337
Digital Database	3380	0	855	0	4235	0
CD & Video	13439	81574	598	0	14037	81574
Weeding (hard & soft)	292	37991	0	0	292	37991
Others(specify)	1	1200	1	1200	2	2400
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. G. V. Kale	Puzzle for Bebras competition India	Aasan	03/08/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1151	56	155	55	1	1	4	155	2
Added	10	0	50	1	1	0	0	50	0
Total	1161	56	205	56	2	1	4	205	2

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

205 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
blog	http://sarangjoshi2002.blogspot.in/
blog	http://www.pavanjaiswal.com
blog	http://comrevo.com

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
440000	410238	1200000	1883832

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

Pune Institute of Computer Technology has well framed procedures and policies for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc. There are various sub committees like Maintenance, Sports, Library, Network Administration, Estate Management, and Website Management. The Maintenance subcommittee takes care of maintenance and repair of electrical, mechanical, telephone, lift, online UPS, water purifiers, etc. Within two days of receipt of online complaints, the Maintenance committee will attend the work and fix the problem. It will also take care of repair and maintenance of computers, printers, LCD projectors, etc. In each laboratory the DSR and history cards are maintained to keep track of the equipments. There is a policy made for removal of obsolescence and moderation of laboratories. There is a subcommittee for discarding the equipments and materials which are not repairable and / or obsolete. The Network Administration takes care of providing proper bandwidth to all users through landline and wireless connectivity. It also ensures network security. The Library Committee ensures that the users get all the required books journals etc. To carry out the routine academic activities sand also to cater the research requirement. The Estate Management takes care of cleanliness of the overall campus. There is a proper procedure laid down for procurement of equipments as per the budget provision. The Sports Director takes care of the sports facilities to ensure that the students and the staff get sufficient sports facilities. The students are also provided with professional coaching in cricket, volley ball, basketball, badminton, gymnasium, yoga etc.

https://pict.edu/wp-content/uploads/2020/02/Maintenance-Policy.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Waiver Scheme	2	193954
Financial Support from Other Sources			
a) National	AICTE's PMSSS Scheme	6	570316
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved

soft skills	03/09/2018	77	Mr. Sourabh Sharma and team members,The Potter's Earth Edu Services Pvt. Ltd
Professional Skill	27/08/2018	122	Mr. Sourabh Sharma and team members,The Potter's Earth Edu Services Pvt. Ltd
Life skills, Professional attitude, soft skills	05/02/2019	50	Mr. Sourabh Sharma and team members,The Potter's Earth Edu Services Pvt. Ltd
Life skills, employability readiness, Language training, GD/PI mocks	01/01/2019	50	Life skills, employability readiness, Language training, GD/PI mocks
Audit courses for Foreign Languages	02/07/2018	70	Sun and Sand group
Workshop on International Yoga day	19/06/2019	69	World Yoga Alliance

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Soft skill and technical domain training based on corporate feedback	0	813	0	530

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
95	631	523	Nil	0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	44	BE	CE,IT,ETC	University of Pennsylvania ,Virginia Tech , Columbia University , Rochester Institute of Technology, University of Irvine , University of Southern California, Rutgers New Brunswick , Stony Brook , New York State University	MS,M.Tech
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	17
TOFEL	5
GATE	14
GMAT	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Volley ball	Intra college	90
Football 5 a side	Intra college	80
Basket ball	Intra college	65
Cricket 7 aside	Intra college	380

Badminton	Intra college	48

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Accolades in Firodia Karandak '19,Acting section	National	0	1	E2K15102393,E2K16102863,E2K17102921,E2K18103351	Sumeet Yeola Vedant Mundhe Parth Ghaskadbi Hrishikesh Shinde
2019	Dance Section	National	0	1	E2K15102420,E2K16102749,E2K17103066,E2K18103266	Saurabh Zinjad Aradhana Salunkhe Anushree Dharme Suruchi Bhujbal
2019	Music Section	National	0	1	E2K16102647,E2K17102933,E2K18103360	Ojas Barpande Manas Bedekar Suyash Bafna
2019	Set Section	National	0	1	E2K16102702,E2K17206354,E2K17102893,E2K17102979	Sourabh Wattamwar Shubham Yadav Gauri Morankar Shivani Dighade

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

- Tree Plantation • Rice donation • Blood donation camp • Yoga day celebration • Paddy cultivation • Dengue malaria awareness camp • Various cocurricular and extra curricular activities Representation of students on academic administrative bodies/committees • Internal Quality Assurance Cell • College Development Committee • Department Advisory Board • Student Welfare committee • Anti ragging Committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

PICT Alumni registration is registered in 2009. PICT Alumni Association(PAA) has made great progress in its mission to foaster a meaningful, ever lasting relationship between alumni and Almamater. The Alumni committee aims to strengthen ties between PICT and the alumni. Official alumni portal "alumni.pict.edu" is active now. PICT page on Linkedin has more than 11,000 followers. We have group named PICT Alumni Association on Linkedin and Facebook.

5.4.2 – No. of enrolled Alumni:

8001

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

107500

5.4.4 – Meetings/activities organized by Alumni Association :

1. PICT Alumni portal is launched in the year 2019. Currently, there are 3500 alumni registered on the portal. 2. IT alumni meet arranged this year on 28th Sept 2019. Silver Jubilee Alumni meet is arranged in Jan 2020 3. EDC Support 4. Alumni visit to campus 5. Launching of an online membership drive

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Institute is an ISO certified fivetimes NBA Accredited and Thrice NAAC Accredited. Institute has welldefined process documented under ISO. As per the NAAC, NBA and LIC committees requirement various processes are identified and Functional heads are appointed for every process. Each function head is preparing action plan before semester start and presents the status of action monthly to Head of the Institute

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The institute follows the curriculum provided by the SPPU Pune.The institute also motivate the faculty to identity and bridge the gaps in curriculum to attain Program Outcomes and achieve institute Short term, Long term goals. The institute encourages and provides facilities for every faculty to actively participate in the syllabus preparation/discussion, meetings conducted by Board of Studies (BoS) at SPPU level. The institute has promoted effective industryinstitute interaction to identify current industry requirement and tried to fullfill by conducting certificate courses or training programs

Teaching and Learning	All the Departments of the Institute prepare the academic calendar in tune with the Institute academic calendar. The faculty members prepare their teaching plan based on the feedback from stakeholders. The Institute has well defined process for identification of slow learners and bright students. Faculty takes efforts to empower them to perform better, by means of various activities. The Head of the Department monitor the effective implementation of teaching plan and adherence to academic calendar. The innovative teaching methodologies are used for conceptual understanding
Examination and Evaluation	External examinations are conducted as per SPPU guidelines. As a evaluation schemes In-Semester exams of 30 marks and End-semester exam of 70 marks are introduced for TE, BE. In each semester assessment is carried out with two unit test based on 2 units each for Theory and 2 Mock practical exam for Practicals. Question paper for unit tests are set to test essential abilities of students such as analysis, synthesis, interpretation, design, etc. based on Blooms' Taxonomy rather than conventional memory recall based questions. Class/Home assignments for all courses are also planned
Research and Development	Faculties are encouraged to apply for research grants by government bodies for their projects and also publish research papers in National/International Journal and conferences. 24X7 Research Center facility is provided for faculties and students to do their research work. Under Research centre few In house research projects are started at institute level, domain wise core groups are formed. Faculties are motivated for industry sponsored project / product development / consultancy projects
Library, ICT and Physical Infrastructure / Instrumentation	Library committee is formed which has representative members from each department as well as external member.The committee insures requirement of books, magazines and Journals including online subscriptions is fulfilled. Library provides additional facilities of Online delivery of pdf articles to students and staff , Journal content page to

	staff , Purchase of book other than syllabus , Online webinars, NPTEL videos , Online full text databases science direct, ASME,IEEE.
Human Resource Management	At the entry level strict selection process is adopted to ensure the quality of the staff appointed in the institute. This ensures the attraction of gifted individuals of significant potential. The orientation program and faculty development programmes are conducted periodically to improve the quality of the staff. The staff members are encouraged to conduct/attend FDPs/ Short term courses/workshops/Seminars/Conferences etc. to update their skills and knowledge. Thrust is also given on qualification improvement (in addition to quality) by deputing the staff members for higher studies. Many benefits are given to the staff to retain the gifted individual (like Study Leave, Sabbatical Leave, Vacation, Medical leave, Maternity Leave (Female Staff), Group insurance, Advance against salary, Gratuity, P.F., Revised pay scales, timely salary/increments/D.A. The performance based appraisal system is in place to review/evaluate the performance of the staff. In addition to this, there is an automated feedback system
Industry Interaction / Collaboration	To inculcate the research and development opportunities, Industry interaction and collaboration is started in following ways. 1.Memorandum of Understanding with various companies(MoU) 2.Conduction of Seminars/Expert lectures/Guest Lectures 3.Project sponsorship for BE students 4.Internship for TE and BE students 5.Industrial visits
Admission of Students	The Admission process is centralized controlled by the Admission Regulating Authority (DTE) , Maharashtra State. All the processes are in place in the centralized admission process of Govt. of Maharashtra. However, to improve the quality of the admission process and to provide transparency, the following strategies are adopted by the institution. 1.The Institution has implemented many processes by which we are in a position to be listed in the top ten among the private engineering institutions in India for excellence in

teaching and research. In addition to this, our results and placements are always excellent. This helped us to attract merit students. 2.The excellent infrastructure provided by the institution is well accepted by the students as well as parents. 3.We are able to attract and retain well qualified and motivated faculty. 4.The whole admission process is totally computerized and the MIS system is used extensively in the admission process to provide transparent, fast, hassle free and user friendly admission interface. 5.The admitted students are made to undergo orientation programme wherein they are made familiar with the various facilities, processes, systems etc.

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

E-governace area	Details
Planning and Development	Yes, All planning and development compliance are fulfilled as per the requirement of the apex bodies
Administration	Yes, the institute adopted an MIS module where every faculty has got a login to update student attendance,assignment and continuous assessment record. Attendance and unit test mark of individual students can be monitored by faculties and parents
Finance and Accounts	Yes, Salary and Incom tax computation is done through MIS system
Student Admission and Support	Yes, All UG PG admission procedure is followed as per AICTE, DTE norms through DTE online portal
Examination	Yes, SPPU Pune university used to schedule two on line examination in each semester for FE,SE students which are conducted at the institute through the online portal.Also all examination question papers are sent by the SPPU Pune through secure mail few minutes before the scheduled examination time

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof. P. P. Joshi Prof. A. A. Chandorkar	Advances in Machine Learning and	MIT College of Engineering, MIT- World	3000

		Visual Analytics for Forensic and Security Applications	Peace University Pune, India IEEE SPS Winter School -2018	
2018	Mr. Zakee Ahmed	Introduction to Robotics	e-Yantra IITB	1500
2018	Mr. Zakee AhmedMr. Ajinkya Rasal	Advanced Topics in Embedded Systems and Robotics(Python and IoT)	e-Yantra IITB	3000
2018	Dr. M.V.Munot	IUCEE leadership summit GOA	IUCEE	22083
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Effective Engineering Teaching in Practice	Moving towards smart library with IoT and open source software	10/06/2019	14/06/2019	40	35
2019	Video Screening on Effective Engineering Teaching Practice	Nil	10/06/2019	10/06/2019	40	0
2019	Output oriented teaching learning process to build excellence in higher education	Nil	10/04/2019	10/04/2019	80	0
			View File			

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Three Days FDP on "Laboratory Practice I" at MIT COE in association with BCUD	1	10/07/2018	12/07/2018	02
Four days FDP on "Data Analytics and Visualization" at MIT-WPU	1	04/09/2018	07/09/2018	04
Draft Content Detailing workshop for the subject Cloud Security at NITTTR Extension Center	1	05/10/2018	05/10/2018	01
Workshop on "Precision Agriculture" at Government Agriculture College, Shivaji Nagar, Pune	2	29/11/2018	29/11/2018	01
Workshop on "Advanced Trends in Robotics" at Navsahyadri COE, Pune in association with SPPU, Pune	1	26/11/2018	27/11/2018	02

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
115	31	70	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Advance against salary, Group personal accident policy, Provident Fund and Gratuity, Admission to ward of staff,	Advance against salary, Group personal accident policy, Provident Fund and Gratuity, Admission to ward of staff,	Workshops for personality development skill upgradation Earn and learn scheme, Scholarships Educational

Permission for Qualification upgradation, Payment of registration fee and permission to attend Workshop/Seminar/Training programs, On campus availability of Doctor, Maternity Leaves,Sports and Yoga training,Travel grant for attending international conference in India and abroad ,Sabbatical leaves	Permission for Qualification upgradation, Payment of registration fee and permission to attend Workshop/Seminar/Training programs, On campus availability of Doctor Maternity Leaves,Sports and Yoga training	Loan assistance, Training placement activities, Internship programme, Sponsorship for paper publication, On campus availability of Doctor, Gymkhana,Sports facility,promotion for product development and patenting,Fee waiver scheme, Free food for hostel students.

6.4 – Financial Management and Resource Mobilization

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

YES PICT appointed Joshi Sahney, Chartered Accountants as Auditor. They conduct audit twice in one Financial Year. The Audit is carried out to check various Vouchers, Ledgers, Bank Accounts Cash Book, Tuition Fee Reconciliation, Fixed Assets, Investments and Advances etc. Income Expenditure Balance Sheet is thoroughly checked by them.

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

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

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	Internal Auditors team
Administrative			Yes	Internal Auditors team

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

Parents meet is conducted department wise for all students once in a semester. Parent representatives are working as a member of Department Advisory Board. Few Parents help in students overall development by contributing in terms of conducting a seminar on recent technology, Guest lectures,Project guidance and internship etc.

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

Session on LCD Projector maintenance and repair. Session on how to develop Blog and Google forms. Session on computer maintenance and repair.

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

i)Improvement in Internship and placement in Niche companies ii) Conduction of Certificate courses iii) Internal AAA audit iv) Startup and Innovation cell

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Academic Audit	02/08/2018	02/08/2018	12/08/2018	150
2019	Extrnal ISO Audit	01/03/2019	01/03/2019	01/03/2019	50
2019	Revision of Academic and Administrative Audit formats	02/08/2019	02/08/2019	15/10/2019	10

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Science of Happiness (Audit Course)	15/06/2019	30/10/2019	58	162
Radiance (ACMW annual event) Event was comprised of different coding competitions, sessions on cutting edge technologies like Deep Learning and Pascathon (Hackathon)	15/03/2019	17/03/2019	300	25

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

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

Waste Management Energy conservation Use of Renewable Energy (Solar energy) Water Harvesting Efforts for Carbon Neutrality Tree Plantation Projects on alternate source of energy

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**27**
Provision for lift	**Yes**	**27**
Ramp/Rails	**Yes**	**27**
Braille Software/facilities	**No**	**0**
Rest Rooms	**Yes**	**27**
Scribes for examination	**No**	**0**
Special skill development for differently abled students	**No**	**0**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	**0**	**1**	**27/09/2019**	**01**	**Clothes and Rice donation**	**Helping hand to Flood victims**	**50**
2018	**0**	**1**	**31/07/2018**	**01**	**Tree plantation**	**Pollution**	**50**
2019	**0**	**1**	**14/01/2019**	**01**	**Street play**	**Women health issue issue**	**50**
2019	**0**	**1**	**07/03/2019**	**01**	**Fund Donation by PICT PICTORIAL Team of Rs. 54,200/**	**Donation to Gurukul NGO got Nomadic Tribes students**	**100**
2019	**0**	**1**	**11/02/2019**	**01**	**Blood Donation camp by PICT Pictorial team**	**Blood donation for Blood bank**	**280**
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Mandatory Disclosure	13/07/2018	Documents are available on PICT website: www.pict.edu. Timely updates are made whenever required
Policy Document for managing email services	13/07/2018	The document is prepared considering the guidelines of ITAct 2000 and esecurity available on Department of Electronics and Information Technology (http://deity.gov.in/content/itact2000dplcyberlaws). The document is available on PICT website: www.pict.edu. Timely updates are made whenever required. Eventhrough Professional Societies like IEEE, ACM, CSI, IET etc, the information about Human Values Professional Ethics code of conduct is shared among various stake holders.
Rules, Procedures and Policies	13/07/2018	Documents are available on PICT website: www.pict.edu. Timely updates are made whenever required

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Science of Happiness (Audit Course)	15/06/2019	30/10/2019	220
Taljai Jungle Walkhthon (Run for Happiness)	17/03/2019	17/03/2019	200
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Waste Management o Solid waste disposal at PICT (Composting) o College sends EWaste to Mahalakshmi ERecyclers Pvt. Ltd. Kolhapur. • Energy conservation o All tube lights are replaced by LED Tubes o Nonoccupancy sensors are placed in corridors o Timers are used for playground to monitor automatic switching off the LED on the ground at night • Use of Renewable Energy (Solar energy) o Hostels are provided with Solar panels to heat bathing water. o Decided to mount solar panels on building terrace to generate electricity up to 250 KW • Water Harvesting o Water from all building terrace is collected and used to recharge ground water near bore well • Efforts for Carbon Neutrality o

Tree Plantation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Startup and Innovation Cell Institute has started a "Startup and Innovation Cell " scheme for projectbased learning and promote entrepreneurship activities with the following goals, 1. To encourage those student ideas which are having a great potential to become a good product or a service which should benefit society. 2. Enhancement of technical and other skills of the students required for entrepreneurship. "Startup and Innovation Cell" Scheme: The institute started this Program for all the students in the institute.under this initiative, the call for innovative ideas will be made in every term and the projects will be shortlisted based on the industrial jury members feedback. The ideas must be relevant to the current scenarios and must be deployed to solve societal issues. The institute provides 24 x 7 access to the "Startup and Innovation Cell" and also provides all the resources required to complete the project. The "Startup and Innovation Cell" has strong industrial support and partners which assist the institute to bridge the gap between industry and academia. Startup and Innovation Cell: 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 become an entrepreneur. With this aim, the institute started this cell and it promotes the students to actively engage in entrepreneurship activities. The cell also promotes projectbased learning through which student understands and learns the real time concepts in stipulated time. The cell idea is also to bridge the gap between industry and academics by enabling the students to work on real time industrial problems. 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 these three products are innovative in nature and are built in consultation with industrial partners. One of the projects was appreciated by the Googles developer Group Summit held at J W Marriott in Pune Sep 2019. Students are also recognized as Womens Entrepreneur of Maharashtra. Best Practice 2: Internship for Students Internships: A step towards preparing industry ready human resource The goals of providing internships are: 1.Convert your academic knowledge into industry skills. 2. Narrow down your list of potential careers. 3. Students will bridge the gap between theoretical study and the professional world Nowadays, the job market is very competitive and experience is becoming a crucial factor for employers when deciding who gets to work for them. It's strongly advised that students take this opportunity to complete a period of work experience to ensure they have a competitive advantage over their peers. Internship in the industry is a powerful tool to enhance the practical learning experience of students beyond the theoretical academic structure of the curriculum. The institute has relentlessly pursued this activity in the last three years with promising results. Internships expose students with knowledge of technology/tools, best engineering practices, project management, leadership, planning, execution, product delivery and soft skills such as oral presentations and written communication, time management, professional ethics etc. There is a paradigm shift in the thinking pattern of the interns as they learn to look at engineering as a means of product development by applying scientific knowledge instead of only purely academic pursuit for getting marks. They thus dream of becoming professional, practicing engineers instead of mere degree holders. The industry would also benefit due to this initiative if internships smoothly dovetail into final year projects and subsequent employment of these industries ready students. Internship for PICTians PICT students much focused on technology. Every semester, students undergo an

internship at various niche organizations like IIT Bombay, Barclays Pune, Microsoft Pvt. Ltd, NTT DATA Japan, PICT internship cell etc. The PICT internship cell provides a fulltime internship for the students. Overall 215 students registered under PICT internship cell for various problem statements during A.Y. 2018 19. The PICT Internship cell has initiated an MOU between the Center for Police Research, Pashan Road, Pune and Society for Computer Technology Research's, Pune Institute of Computer Technology, Pune where 35 students registered under various research based problem statements. Ms. Nilakshi Lo got the preplacement offer (PPO) of Rs 43 Lakh/annum after the successful completion of 2 months internship at Microsoft India Development Center. Mr. Geet Shingi from Computer Engineering got the stipend INR 66667/ for 2 months internship at Barclays Pune.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://pict.edu/wp-content/uploads/2017/05/Best-Practices.pdf

7.3 – Institutional Distinctiveness

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

Pune Institute of Computer Technology (PICT) aspires to be leader in higher technical education and research of International repute. It has carved niche for itself in higher education for the quality education. It has maintained its position as the most sought after institution in this region of our country. It's the preferred destination for students from India and abroad. It's the institution that strives for excellence in all areas of teaching and research an institution that has been at the forefront of technical education and research activity since its inception. At PICT talent and ambitions come together in a culture that nourishes thinking and encourages every student to reach his or her full potential. PICT is able to hire and retain the talented individual, thus creating a team of dedicated and talented team that support and encourage students to develop in to a holistic personality. PICT students have achieved great success in academics by getting distinctions Ranks. Many of our students have CGPA of 10/10. PICT students are accepted all over the world. They are exposed to Research and Innovation during their course through the RD activities carried out through Center of excellence/Innovation, Industry sponsored Laboratories/Projects/Internships. Through Startup and Innovation Cell, PICT promotes project based learning among students and accelerates startup ecosystem which eventually lead to entrepreneurship. PICT's Entrepreneurship and Development Cell (EDC) plays a crucial role in Startup Ecosystem by providing infrastructure, resources to the budding entrepreneur with no cost. PICT's EDC is platform for the budding entrepreneurs to scale new heights and to be a part of healthy and vibrant ecosystem.Training and placement cell and Academic departments conducts various training programs on soft skills and technical domain based on corporate feedback followed by online assessment through AmCat test. All these practices resulted in improvement in quality of placementat where more than 70 placed students got offers in niche company with average salary 7.75 LPA. Life at PICT is much more than the regular academic activities. PICT campus is technically vibrant with lot of activities throughout the year supported by professional societies like IEEE, ACM, CSI and IETE.

Provide the weblink of the institution
https://pict.edu/

8.Future Plans of Actions for Next Academic Year

To continue the present uniform OBE based teaching and learning activities. To organize the Seminar/workshops on current technologies. To organize an International / National conference on recent technology To start certificate courses on cutting edge technologies for industry persons at PICT campus To improve consultancy and funded projects To improve the international tie-ups and collaborations. To strengthen institute industry interaction. To promote research, IPR and product development. To conduct AAA audit for AY 2019-20 To prepare and submit AQAR report for AY 2019-20