The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution:

> SCTR's Pune Institute of Computer Technology

1.2 Address Line 1:

> S.No.27, Pune Satara Road,

Address Line 2:

> Dhankawadi,

City/Town:

> Pune

State:

> Maharashtra

Pin Code:

> 411043

Institution e-mail address:

> principal@pict.edu

Contact Nos.:

> 020-24371101, 24378063, 24372041, 24376190, 24372479

Name of the Head of the Institution:

> Dr. Prahlad T. Kulkarni

Tel. No. with STD Code:

> 020-24372478

Mobile:

> 9923446356

Name of the IQAC Co-ordinator: Prof.K.R.Atal

Mobile: 9822402554

IQAC e-mail address:

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*   8625

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

NAAC/RAR/EC-53/58/2010 dated 06-09-2010

1.5 Website address: www.pict.edu

Web-link of the AQAR:

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	Institutional Score between 75-80%	2004	Five Years
2	2nd Cycle	B	2.88	2010	Five Years

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   11-07-2009

1.8 AQAR for the year *(for example 2010-11)*   2010-11

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. AQAR 2010-11 submitted on (30/03/2017)

1.10 Institutional Status

   University   State ☐   Central ☐   Deemed ☐   Private ☐

   Affiliated College   Yes   No   ☑ (√)   ☐

   Constituent College   Yes   No ☐   ☐

   Autonomous college of UGC   Yes ☐   No ☐

   Regulatory Agency approved Institution   Yes ☑ (√)   No ☐

   (eg. AICTE)

   Type of Institution   Co-education ☑ (√)   Men ☐   Women ☐

                     Urban ☑ (√)   Rural ☐   Tribal ☐

   Financial Status   Grant-in-aid ☐   UGC 2(f) ☐   UGC 12B ☐

                Grant-in-aid + Self Financing ☐   Totally Self-financing ☑ (√)

1.11 Type of Faculty/Programme

   Arts ☐   Science ☐   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

   TEI (Edu) ☐   Engineering ☑ (√)   Health Science ☐   Management ☐

   Others   (Specify)   [.]

1.12 Name of the Affiliating University *(for the Colleges)* | University of Pune |

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University ☐

University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme ☐   UGC-CE ☐

UGC-Special Assistance Programme ☐   DST-FIST ☐

UGC-Innovative PG programmes ☐   Any other (*Specify*) ☐

UGC-COP Programmes ☐

2. IQAC Composition and Activities

2.1 No. of Teachers	08
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	00
2.4 No. of Management representatives	02
2.5 No. of Alumni	00
2. 6 No. of any other stakeholder and community representatives	00
2.7 No. of Employers/ Industrialists	00
2.8 No. of other External Experts	00
2.9 Total No. of members	11
2.10 No. of IQAC meetings held	Ones a year

2.11 No. of meetings with various stakeholders: No. | Twice a year | Faculty | 02 |

Non-Teaching Staff Students | 02 | Alumni | 01 | Others | Parent - 01 |

2.12 Has IQAC received any funding from UGC during the year?   Yes [ ]   No [√]

If yes, mention the amount [ ]

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. [ ]   International [ ]   National [ ]   State [ ]   Institution Level [ ]

(ii) Themes [ ]

2.14 Significant Activities and contributions made by IQAC

IQAC conducts audit of all functions heads in the institute ones in every semester

Review meeting has been conducted to present status of every function in the institute

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
To motivate staff for qualification up gradation	Staff members have applied for Ph.D. at various centres and got the sponsorship for the same

Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes [ ]   No [√]

Management [ ]   Syndicate [ ]   Any other body [ ]

Provide the details of the action taken

[ ]

Part – B

Criterion – I
1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	02	0	02	
UG	03	0	03	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				

Interdisciplinary				
Innovative				

1.2   (i) Flexibility of the Curriculum: ~~CBCS~~/Core/Elective option / ~~Open options~~
         The college offers all the electives for final year student in all branches.

   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	--
Annual	--

1.3 Feedback from stakeholders*   Alumni √   Parents √   Employers √   Students √
   (On all aspects)

      Mode of feedback   :   Online √ Manual √ Co-operating schools
                                                                (for PEI)

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.
      Yes, many new emerging technological aspects are introduced in the revised

1.5 Any new Department/Centre introduced during the year. If yes, give details. NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
83	56	Nil	6+1*	20

*including principal

2.2 No. of permanent faculty with Ph.D.   07

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
1	0	0	22	1	5	3	0	5	27#

To share the workload of vacant post of Asso. Prof. & Professor, more no. of Asst. Prof./Lecturer are available

2.4 No. of Guest and Visiting faculty and Temporary faculty   12   04   19

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level	Int. Journal
Attended	07	04	-	-
Presented papers	09	01	02	04
Resource Persons	-	01	02	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The revision of the curriculum is done by the University of Pune every four to five years to cope up with the technological changes in the industry and impart better education to the students. This has helped in the enhanced learning amongst the students. The faculty members from the department are actively involved in designing, planning and implementing the syllabus at university and college level. The institute adapts following innovative teaching and learning methodologies:

1. Exposure to Industry through industry visits.
2. Project based learning (Mini projects) & exhibitions
3. Academic audit
4. Development of Online Feedback System for teaching learning process
5. Expert lectures
6. Seminars, workshops
7. Industrial Visits
8. Video lectures, Quiz, games, case studies with interactive teaching aids
9. Remedial Classes for Diploma/Weak students
10. Development of inhouse Hardware kits and Software Applications
11. Conduction of Mission 10X program in association with Wipro
12. Blogs are created for online study material.

2.7 Total No. of actual teaching days during this academic year

182

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

External examinations are conducted as per SPPU guidelines. Institute follows following evaluation methods for internal assessment
1. Two Unit Test per semester (SE, TE, BE)
2. Mock practical/Oral test
3. Open Book Test
4. Assignments
5. Online multiple choice question for unit test.
6. Revaluations and recounting can be opted by the students
7. Term Work evaluation
8. Periodical Project Reviews
9. Seminar Evaluation

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Restructuring	Revision	Development
04	10	06

2.10 Average percentage of attendance of students

82.13 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
FE	FE	352	56.25	18.18	12.78	0.00	0.28
Computer	SE	140	30.00	25.71	12.14	2.85	0.00
	TE	136	7.35	34.55	22.05	9.56	0.00
	BE	163	27.60	43.55	17.17	5.52	0.61
E&TC	SE	118	26.00	39.00	18.00	11.00	1.00
	TE	107	28.00	31.00	18.00	2.00	1.00
	BE	118	56.00	42.00	9.00	2.00	0.00
IT	SE	139	13.67	30.22	17.99	5.04	0.00
	TE	140	24.29	38.57	12.14	4.29	0.00
	BE	153	36.60	41.83	12.42	3.27	0.65

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1. Regular conduction of lectures
2. Preparing teaching plan
3. Schedule for laboratory
4. Lab assignments are designed and divided as per complexity level
5. Formation of subject group among the teachers
6. Analysis of final result and verification of action taken
7. Meetings with teachers to discuss progress of work
8. Regular checking of teachers record
9. Daily attendance record maintained by teacher
10. Through internal academic audit conducted once in a semester before commencement of term.
11. Feedback is taken twice in a semester i.e. after completion of half semester and at the end of semester.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmers	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programmer	-
HRD Programmes	-
Orientation Programmes	10
Faculty exchange Programme	-
Staff training conducted by the university	16
Staff training conducted by other institutions	09
Summer / Winter schools, Workshops, etc.	21
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff (including library staff)	16	0	02	01
Technical Staff	34	0	01	09

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Conducted workshops to identify current research trends in Computer Engineering and Electronic and Telecommunication Engineering

Conduction of sessions on mathematics in Research for faculty

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	01	--	--
Outlay in Rs. Lakhs		6,75,000		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	07	01	--
Outlay in Rs. Lakhs	2,40,000	13,30,000	3,30,000	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	01	--	--
Non-Peer Review Journals	01	--	--
e-Journals	--	02	--
Conference proceedings	08	02	--

3.5 Details on Impact factor of publications:

Range 0.5–1.0   Average 0.5   h-index 07   Nos. in SCOPUS 06

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	03	DST	6,72,000/-	1,00,000/-
Minor Projects	03	DST	2,40,000 + 4,80,000	2,40,000 + ...
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	03	BCUD,Pune	3,30,000	--
	03	BCUD, Pune	1,00,000/-	50,000/-
	03	BCUD, Pune	1,50,000/-	6,000/-
	03	BCUD, Pune	2,50,000/-	7,340/-
	03	BCUD, Pune	3,00,000/	78,602/-
	03	BCUD,Pune	50,000/-	13,283
Students research projects *(other than compulsory by the University)*				
Any other(Specify)	2010-11	PICT,Pune	5000	
Total				

3.7 No. of books published   i) With ISBN No. | -- | Chapters in Edited Books | -- |

ii) Without ISBN No. | -- |

3.8 No. of University Departments receiving funds from

UGC-SAP | -- | CAS | -- | DST-FIST | -- |

DPE | -- | DBT Scheme/funds | -- |

3.9 For colleges   Autonomy | -- | CPE | -- | DBT Star Scheme | -- |

INSPIRE | -- | CE | -- | Any Other (specify) AICTE, DST, SPPU | √ |

3.10 Revenue generated through consultancy | 1,00,000 Rs. |

Level	International	National	State	University	College

3.11 No. of conferences organized by the Institution

Number	NIL	NIL	NIL	NIL	NIL
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons | 20 |

3.13 No. of collaborations   International | -- | National | -- | Any other | -- |

3.14 No. of linkages created during this year | -- |

3.15 Total budget for research for current year in lakhs :

From Funding agency | 180000 | m Management of University/College | 2000000 |

Total | 2180000.00 |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	195/MUM/2010
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions received by faculty and research fellows
   Of the institute in the year

Total	International	National	State	University	Dist	College
02	02	--	--	--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides | 0 |
   and students registered under them | -- |

3.19 No. of Ph.D. awarded by faculty from the Institution | 0 |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF | -- | SRF | -- | Project Fellows | -- | Any other | -- |

3.21 No. of students Participated in NSS events:

University level | -- | State level | -- |

National level | -- | International level | -- |

3.22 No. of students participated in NCC events:

University level | -- | State level | -- |

National level | -- | International level | -- |

3.23 No. of Awards won in NSS:

University level | -- | State level | -- |

National level | -- | International level | -- |

3.24 No. of Awards won in NCC:

University level | -- | State level | -- |

National level | -- | International level | -- |

3.25 No. of Extension activities organized

University forum | -- | College forum | yes |

NCC | -- | NSS | -- | Any other | -- |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Tree plantation

- Conduction sessions in schools of rural area for use of computer awareness

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	5 ACRES			5 ACRES
Class rooms	29			29
Laboratories	48			48
Seminar Halls	03			03
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	154	65		219
Value of the equipment purchased during the year (Rs. in Lakhs)	2559504	1862591		4422095
Others				

4.2 Computerization of administration and library

All documents and records are maintained in a softcopy. Where ever it was very much required to have hard copy is maintained. No ledgers, no big books. Even the accounts used computer for records and computation. All relevant software were installed in all the systems. Even the library used OPAC and other software for book search and issue. Library also subscribed for e-journals.

4.3   Library services:

	Existing Till 2009-10		Newly added 2010-11		Total	
	No.	Value	No.	Value	No.	Value
Text Books	14143	35,49,590	597	2,07,880	14740	37,57,470
Reference Books	12716	28,05,388	487	2,04,875	13203	30,10,263
e-Books	--	--	--	--	--	--
Journals	186	3,72,915	133	4,37,388	133	4,37,388
e-Journals	IEEE-IEL Package	3,83,390	IEEE-IEL Package	3,86,750	IEEE-IEL Package	3,86,750
Digital Database	236	--	135	--	371	--
NPTEL	--	--	--	--	--	--
Project Reports	236	--	135	--	371	--

Question Papers	--	--	--	--	--	--
CD & Video	2984	81574	211	--	3195	81574
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs / Labs	Internet	Browsing Centre	Computer Centres	Office	Departments	other
Existing	856	33	8 MBPS	33	01	01	04	01(server room) Department library
Added	48	0	0	0	--	--	0	--
Total	886	33	8 MBPS	33	01	01	04	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- Seminar on Multimedia software, Advanced OS & High Performance Computer, Virtual Networks for cloud computing

- Workshop on Open source Operating system and software installation

- Expert talk on Opportunities in Telecommunication, image transform

4.6 Amount spent on maintenance in lakhs:

i)   ICT   16.21

ii) Campus Infrastructure and facilities   93.64

iii) Equipments   3.92

iv) Others   0.50

              Total :   114.29

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> ✓ Parent, teacher and class teacher activity.
>
> ✓ Grievance redressal committee
>
> ✓ Arranging talks to aware students about work culture of industry
>
> ✓ Internal complaint committee
>
> ✓ Wellfare schemes

5.2 Efforts made by the institution for tracking the progression

> ✓ Conducting parents meet for informing the progress of their children and to take requirements from them
>
> ✓ Allocated mentor for each batch of20 students and a class teacher for each class to monitor and counsel the students' progress in academic as well as extra-curricular activities.
>
> ✓ Conducted extra lectures and remedial classes to improve performance of students.
>
> ✓ Conduction of practical a MOCK test to improve the confidence and performance of the students.
>
> ✓ Feedback for teaching learning
>
> ✓ Giving Extra assignments to students
>
> ✓ Highlighting achievements of students in college news letter
>
> ✓ Felicitation of University toppers during annual gathering.

5.3 (a) Total Number of

UG	PG	Ph. D.	Others
1574	79	00	NA

students

(b) No. of students outside the state

180

(c) No. of international students

NIL

No	%
1080	65.39

Men

No	%
573	34.66

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1166	116	38	337	09	1657	1113	125	44	359	12	1653

Demand ratio   Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- 13 training programs are arranged under T&P cell for aptitude practicing, personality development, group discussion, competitive exams.

No. of students beneficiaries   200+

5.5 No. of students qualified in these examinations

NET   NA   SET/SLET   NA   GATE   NA   CAT   NA

IAS/IPS etc   NA   State PSC   NA   UPSC   NA   Others   NA

5.6 Details of student counselling and career guidance

Student – Teacher mentor program.

Training programs for aptitude practicing, personality development, group discussion, competitive exams.

No. of students benefitted   95%

5.7 Details of campus placement

Branch	On Campus			Off Campus
	Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
IT	49	122	109	NA
computer	49	130	115	NA
E&TC	49	88	73	NA

5.8 Details of gender sensitization programmes

> - A grievance Redressal committee look after to the complaints from the aggrieved.
> - Suggestion/ Compliant Box are provided at office of the Principal for the Students and Staff to lodge their complaints/ suggestions. The report of grievance committee is forwarded to Principal for further action. The corrective measures are taken and recorded in the register.

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events RRC DATA Awaited

State/ University level `--`   National level `--`   International level `--`

No. of students participated in cultural events

State/ University level `46`   National level ` `   International level ` `

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level `--`   National level `--`   International level `--`

Cultural: State/ University level `03`   National level ` `   International level ` `

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	NIL	00
Financial support from government	626	2,46,27,110.00
Financial support from other sources	224	18,62,614.00
Number of students who received International/ National recognitions		

5.11   Student organized / initiatives

Fairs: State/ University level `01`   National level ` `   International level ` `

Exhibition: State/ University level `01`   National level ` `   International level ` `

5.12   No. of social initiatives undertaken by the students   `01`

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> **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 most sought after institute of education and research in emerging engineering and technology disciplines that attracts, retains and sustain gifted individuals of significant potential.

6.2 Does the Institution has a management Information System

> All the processes are computerized.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

> The curriculum development is carried out as per University of Pune Guidelines. Faculties are actively participating in curriculum restructuring, revision, syllabus development, act as member of Board of Study, worked as resource person in faculty development or curriculum development workshops.

6.3.2 Teaching and Learning

> The Institute ensures effectiveness of the teaching-learning process by:
>
> 1. Implementation of outcome based teaching and learning methodology.
>
> 2. Recruitment of well qualified and experienced staff as per AICTE norms.
>
> 3. Course allocation to the faculty much before the commencement of the semester to help them prepare lesson plan and lesson notes.
>
> 4. Review of the academic results of the previous year
>
> 5. Authenticated copy of syllabus is issued to the faculty members.
>
> 6. To bridge the curricular gap contents beyond the syllabus are taught by the faculty members. Online feedbacks from students to assess the teaching skills of the faculty.
>
> 7. Continuous assessment of students' performance through tests, assignments, seminars and projects.
>
> 8. Emphasis on imparting skills through laboratory experiments and various skill development Programmers.
>
> 9. Promoting professional development of faculty by providing support
>
>   1. To undergo refresher courses.
>   2. To pursue doctoral Programs.
>   3. To attend and organize National and International Seminars/ workshops/ conferences.

6.3.3 Examination and Evaluation

Examinations are conducted as per rule and regulations of University of Pune. Evaluation of Internal Marks is done based on Continuous assessment of students' performance through tests, assignments, seminars and projects.

6.3.4 Research and Development

- Faculties are encouraged to apply for research grants by government bodies for their projects.
- Faculties are encouraged to publish research papers in National/International Journal and conferences.
- In all 09 research projects funded by various agencies (DST/BCUD) are ongoing.
- 14 research papers have been published in international and national journal and conferences.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library committee is formed which has representative members from each department. The committee insures requirement of books, magazines and Journals including online subscriptions is fulfilled.
Library provides following facilities
1. Book bank schemes
2. Online delivery of pdf articles to students and staff
3. Journal content page to staff
4. Purchase of book other than syllabus
5. Online webinars, NPTTEL videos
6. Online full text databases science direct, ASME, IEEE
7. Specious reading hall
8. Open Access
9. Automated Transactions
10. Issue of 3 books to every student
11. Issue of 5 additional books to Toppers
12. Book Bank scheme
13. Orientation programme for new students
14. Availability of online full text databases like IEEE, Mc-Graw-Hill, J-GATE
15. British Library Online Membership
16. Orientation and training program on 'Effective Utilization of E-Resources'.
17. Access to E-resources 24×7
18. Student participation in book/journal procurement
19. Organization of Book Display programme of newly arrived books
20. Procurement of Competitive Exam, Personality Development, Soft Skill and Literature books, etc.
21. Group Study Area
22. Procurement of Identity Card printer
23. Availability of FAQ's
24. Feedback Facility
25. Reading hall facility with-
    - very good infrastructure
    - Wi-Fi connectivity
    - Kept open after college timing
    - Extended hours during examination period

New program specific facilities (hardware/software) are created as per the industry demand that can be used to train and enhance student's knowledge, thus making them strong for career (placements/ higher studies)

Sr. No.	Name of Facility /Company	Activity
1	K-point a virtual online classroom (multimedia) software is procured by joint efforts of PICT and GSlab. 1 classroom and lab is setup for accessing and recording K-point session by faculty and students.	Live lecture/workshop can be conducted and recorded online.
2	FTP server in all department	The purpose of FTP is centralized FOSS, lab manual, Assignment list, Lab Schedules and departmental data, is centrally accessible to staff and students during college hours.
3	Blogs	To make available Online study material.
4	Well equipped labs	All the labs are well equipped to cope up with UOP syllabus.

6.3.6   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), Advance against salary, Gratuity, P.F., Revised pay scales, timely salary/increments/D.A.etc.)
- 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.

6.3.7   Faculty and Staff recruitment

Procedure for Faculty recruitment:

a) All posts of the teachers shall be widely advertised in leading news papers and institute website as per the Roster approved by university, mentioning the number of vacant posts, qualification required, etc.

b) Reasonable time shall be allowed to applicants, to submit their applications in prescribed format along with necessary documents.

c) The list of the selection committee members will be provided by the University.

d) The date of the interview shall be so fixed as to allow the notice period of fifteen days to each member of the selection committee appointed by university and to the candidates. The list of the candidates eligible for the selection process is provided to the selection committee.

e) The Selection Committee shall interview and to adjudge the merit/suitability of each candidate in accordance with the qualifications advertised, and recommend the list of the selected candidates in the order of merit. The minutes of the selection process is also submitted along with the selection report.

f) The Competent Authority, with the approval of the Vice-Chancellor, shall appoint the faculty as per the recommendation of the selection committee.

g) The application(s) of the selected and joined candidates in a prescribed format is forwarded to the University for Approval.

Procedure for recruitment of Non Teaching Staff:

The recruitment is made purely on the merit basis, through a Local Selection Committee of the Institute comprising of the Principal, the head of the department and one or two experts in the subject concerned. On satisfactory completion of temporary service period of one year, the staff will be put on probation for two years.

6.3.8   Industry Interaction / Collaboration

To inculcate the research and development opportunities, the Institute- Industry interaction happening in following ways.

1. 49 Multinational companies visiting for campus placement

2. Conduction of Seminars/Expert lectures/Guest Lectures

3. Nearly 60 final year projects are sponsored by companies

6.3.9   Admission of Students

The Admission process is centralized 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.

6.4 Welfare schemes for

Teaching	
Non teaching	- Group Insurance - Provident Fund and Gratuity - On campus availability of Doctor - Training Programs, - Maternity Leaves,
Students	- Earn and Learn Scheme - Scholarships - Educational Loan assistance - On campus availability of Doctor - Training Programs, Workshops, Seminar, Social Awareness, Gymkhana

6.5 Total corpus fund generated   11000

6.6 Whether annual financial audit has been done   Yes   ✓   No   ☐

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

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

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes   Yes ☐   No ☑

For PG Programmes   Yes ☐   No ☑

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

Alumni meet is arranged at college.

Various sessions for students are conducted by alumni for technology updates

Entrepreneurship development cell is started by alumni Association.

6.12 Activities and support from the Parent – Teacher Association

Regular Parent Teacher interaction process.

-By Semester Parent-Teacher Meet.

6.13 Development programs for support staff

Workshop for technology up gradation

Help provided for educational qualification upgradation

Seminar on personality development

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. The Institute is committed towards energy conservation.

2. All the common area &washrooms are fitted with proximity sensors to save electricity when these areas are un-utilized.

3. The hostels are fitted with solar water heaters.

4. The Institute has implemented the rain water harvesting project, which has saved a significant amount of water expenses.

5. It also maintains the campus ecology.

6. We observe no paper day every year on 30th of June.

7. The Institute has successfully implemented a Tree Plantation Program through the NSS activity, which has resulted in a green and eco- friendly campus.

8. Department has taken an initiative to maintain all the assignment data in the form of soft copy

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Improved communication facilities with the installation of Wi-Fi Routers.
- Started entrepreneurship development cell.
- Inculcating the research activities in the staff and students.
- Modernization of laboratories by purchasing new machines with Hi-end configuration.
- Encouraging students to participate in various inter/intra collegiate events.
- Skill development of Technical staff.
- Motivating students for curricular and extracurricular activities.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Various Certificate courses has been arranged
- Fund generation through projects sponsored by various agencies
- Policy has been decided for sponsorship seminars, workshops and conferences organization
- Sponsorship has been offered to Staff for qualification up gradation
- Refresher course for teaching skill up-gradation by Wipro Mission 10X
- Motivating students to participate in curricular and extracurricular activities

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

- ISO certified processes for teaching learning, seminar and project
- Visit to Rural area schools to offer computer training to school students and villagers
- Student mentoring programme
- Promote and sponsor the faculty members for knowledge upgradation

7.4 Contribution to environmental awareness / protection

- Replacement of normal lightening with LEDs
- All electrical and electronics equipments are switched off when not in use
- CFL tubes and lamps are installed
- Photographs / videos are digitally stored instead of paper albums
- Appeal to all students and staff for using public transport or sharing the vehicle
- Green coverage area is around 200 sq. mtrs.
- Underground drainage and storm water system is available which is connected to Corporation line.
- Installation of solar panels in hostels.

7.5 Whether environmental audit was conducted?   Yes [ ]   No [✓]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strength

- Outstanding students representing all regions of the country
- Committed faculty
- Rank holders in SPPU exams
- Student Placement is remarkable.
- Continuous process to Upgrade Educational Qualification by Staff members and technical staff.
- Effective participation and interaction with university for educational activities.
- Qualified, committed and experienced faculty.
- Availability of departmental library.
- Excellent University Results
- Excellent Placement & Higher Studies

Weakness

- Cadre Ratio
- Fund generation for research and international publications
- Ph.D. qualified faculties
- Few Research Publications

Opportunities

- Strengthen the Industry-Institute Interaction through signing MoU's, with various Industries from different field for the better placement of students.
- Improving research culture in the department

Challenges

- Attracting consultancy projects.

8. Plans of institution for next year

- Proposals to funding agencies, industry for laboratory modernization/projects.
- To start Postgraduate course in IT department.
- Skill development of Technical staff.
- Motivating students for start-ups.

Name _____   *Name _____*

         _____

_____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

<center>**Annexure I**</center>

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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