



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	TRINITY COLLEGE OF ENGINEERING AND RESEARCH
Name of the head of the Institution	Dr. Haribhau Ganpat Phakatkar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02026934423
Mobile no.	9850839782
Registered Email	principal.tcoer@kjei.edu.in
Alternate Email	trinitycoe@gmail.com
Address	Kondhawa-Saswad Road Bopdev Ghat Ta:Haweli (excluding Corporation Area) Dist: Pune
City/Town	Pune
State/UT	Maharashtra

Pincode	411048																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Prof. Jayashri V. Satre																		
Phone no/Alternate Phone no.	02026934423																		
Mobile no.	9921107575																		
Registered Email	jayashrisatre.tcoer@kjei.edu.in																		
Alternate Email	jvsatre@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.kjei.edu.in/tcoer/pdf/AQAR%20Report%202018-19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.kjei.edu.in/tcoer/pdf/TCOER%20Academic%20Calendar%20Semester%20-%200II%20AY%202019-20.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>2.81</td> <td>2017</td> <td>30-Oct-2017</td> <td>29-Oct-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	2.81	2017	30-Oct-2017	29-Oct-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	2.81	2017	30-Oct-2017	29-Oct-2022														
6. Date of Establishment of IQAC			01-Apr-2016																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture													
Quality initiatives by IQAC during the year for promoting quality culture																			

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Industry institute interaction (IAB) cell	12-Aug-2019 30	200
. ELQ training for students	08-Jul-2019 10	250
Aptitude Training	20-Aug-2019 15	78
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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
NIL	NIL	NIL	2020 0	0
No Files Uploaded !!!				

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 :

2

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?

Yes

If yes, mention the amount

501228

Year

2020

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

1. Formation of Industry Advisory Board (IAB) of all departments 2. Student training (Aptitude) programmes for employability 3. ICT training to Faculty 4. Online mentoring to students in Covid19 pandemic

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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	Achievements/Outcomes
Faculty Development programmes	Faculty encouraged to participate in FDP as well as organize FDPS. Most of the faculty members attended FDPS and FDPS are organised by the college
ICT training to faculty	ICT training programmes arranged for faculty especially about Zoom, Google meet and Microsoft Team. For online teaching it helped in Covid
Aptitude training to students	Two training programmes arranged for students to improve employability skills.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	18-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2021

Date of Submission

04-Feb-2021

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Yes, Partial 1. In HR department all recruitment are done through online application on college website
2. Student feedback is taken online using Google forms
3. Accounting software.
4. Attendance monitoring system
5. Digital transactions.
6. Google classrooms

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

• The course content of syllabus is defined by Savitribai Phule Pune University, Pune for each of the programmes in the institute. However, we map and bridge the existing curriculum with industrial requirements and gaps if any. For example, to enhance the practical skills, we conduct workshops, presentations, mini projects, industrial visits and talks by industrial experts. • The academic calendar mainly governed by Savitribai Phule Pune University, Pune and College will prepared the academic calendar accordingly by Academic Dean and Principal for each semester in advance and it is given to all faculty members and students. Academic Calendar also includes the time slots for various co curricular and extra-curricular activities such as library, sports, training and placement activities, soft skills etc. • The time table is prepared well in advance and made available before the commencement of each semester. It is displayed on departmental notice board as well as college website. • Each faculty member submit a teaching plan, class notes and test question papers along with the solution at the beginning of the semester to the head of the department, Academic Dean and Principal. and also made available to the students at the beginning of the semester. • The progress of the students is maintained through regular class tests, presentations and In semester university examinations by concern department. • Attendance of every student is displayed on notice board after every fifteen days. List of less attendance student is displayed and informed to the parents and Academic Dean. • For a group of 20 students, one faculty member is appointed as a Guardian faculty member. • The review of syllabus completion of every subject is taken through the Google sheet at the end of each month from academic coordinator and academic dean. • The student feedback is taken to know the problems of students regarding teaching learning and other facilities. The Principal takes action with discussion with concern head of the department to solve the problem if any. • Progress of every student and test results are also communicated to their parents by Guardian faculty members. • Academic Dean frequently inspects the class room teaching and information is conveyed to the HOD and Principal for taking corrective measures if any. • The Principal conducts a regular meeting with all faculty members in a semester to assess the progress made by the Department/Institution. • For slow learner students the remedial classes are planned in academic calendar and accordingly are conducted as per planning. • Aptitude training for final year students is planned and conducted in the semester. • Regular industrial visits, guest lectures and seminars are arranged for students to bridge the gap between academics and industry requirements.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Introduction to Python application	NIL	11/05/2020	3	employability	Python Programming
Advanced techniques in Vibration	NIL	16/12/2019	5	employability	learned techniques in vibration

and sound Measurement					and sound measurement
Basic of.net-TE	NIL	13/09/2019	4	employability	.net
PIC Microcontroller and Embedded system	NIL	15/09/2019	3	employability	microcontroller programming
Advanced Microcontroller and Applications	NIL	13/03/2020	3	employability	microcontroller programming
Cognitive radio	NIL	27/04/2020	3	employability	wireless communication communication

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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 CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	All branches	15/06/2015

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

	Certificate	Diploma Course
Number of Students	228	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
English logical Quantitative Aptitude and soft skill (Online)	10/10/2019	46
ELQ Training	08/07/2019	56
VAP on program-SQL and VHDL	13/12/2019	26
Advanced Microcontroller and Applications	13/03/2020	60
PIC Microcontroller and Embedded system	15/09/2019	65
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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
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		Projects / Internships
BE	Internship	32
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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
<p>Yes • The institution has the feedback system mechanism to obtain feedback from students through online as well as offline mode. • The institution encourages various stake holders such as students, parent, alumni members, Industry and faculty to furnish feedback at regular intervals regarding betterment of course content and teaching learning and other facilities etc. • The suggestions from above mentioned stakeholders will be communicated to the relevant authority at the college and university through proper channels. • The Institute also focus on improvement in the feedback process with discussion with committees constituted by senior and experienced teachers and the class representatives. • The suggestions, feedback from students, parents, and employees are taken during college activities such as parents-teacher meeting, class teacher - students meet, interaction between college and industrial members, Alumni Meet at regular interval and communicate through e-mail and telephonic conversion. • The Principal takes action with discussion with concern head of the department to improve the curriculum related activities such as to encourage the student to get depth knowledge about particular subjects through Guest lectures, Industrial visit, presentation etc. • The faculty with less feedback is guided by senior faculties, head of the department for the enhancement in the teaching process • Alumni members are also invited as a guest for various activities and there feedbacks regarding curriculum, academics, industrial and placement etc are communicated to college authority for the betterment of overall institutions.</p>

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
BE	Graduation	2160	1120	1115
ME	Post graduation	480	86	84

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2.2 – Catering to Student Diversity

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

Year	Number of	Number of	Number of	Number of	Number of
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	students enrolled in the institution (UG)	students enrolled in the institution (PG)	fulltime teachers available in the institution teaching only UG courses	fulltime teachers available in the institution teaching only PG courses	teachers teaching both UG and PG courses
2019	1115	84	128	10	0

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	Number of smart classrooms	E-resources and techniques used
138	138	2	21	21	1

[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 IQAC had taken the initiative of implementing the mentoring of students. Students are categorized based on their batches and strength of class. Students are divided into groups of 15 to 20 students per batch depending on the number of total students. Each group is assigned a teacher-mentor who would perform mentoring duties. A Mentoring Format with Guidelines is prepared by the IQAC to ensure uniformity. IQAC set following objectives for mentoring system. • To enhance communication between teacher-student. • Identify Individual problems and resolve it smoothly. • To enhance students' academic performance and attendance • To minimize student drop-out rates. • Identify slow learners. The IQAC implemented mentoring system where the faculty acts as a link between the students, their parents and the institution and perform the following functions: • Mentors are assigned to monitor and guide students throughout academic year. • Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students (class tests, monthly attendance records, etc.) • After collecting all necessary information and based on Mentoring sheet status mentor can guide or do counselling to respective student as and when required. • Mentors coordinate with the parents regarding the progress of the students. • In isolated cases parents are called for counselling/special meetings with the Principal at the suggestion of the Mentor.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1115	138	1:8

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
112	138	0	0	10

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 receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	NIL	Nil	NIL

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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
BE	Graduation	Final	30/05/2020	15/12/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students are evaluated according to procedures given by Savitribai Phule Pune University for First Year, Second Year, Third Year and Final Year at University level. Institute has initiated following evaluation reforms: • Institute prepares the student for University exam through Practice session, Remedial classes. • Institute Prepares student for the Practical Exam by Conducting the Mock and Online Exams. • The project Work evaluated by the industrial experts • Seminar and Guest lecture are conducted to the Improve technical knowledge of the student. • Attendance, test marks and assignments evaluation is reflected in student's performance. Institute has test coordinator in each department for smooth conduction of online exam and internal tests.

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

As our institute is affiliated with SPPU, our Teaching and Learning evaluations are in alignment with guidelines prescribed by the University. At the beginning of each academic year, the institute makes its strategic action plan to accomplish its vision for the academic session using academic calendar ,which include- • Commencement of the semester, • End of the semester • Schedule of In Semester, End Semester, Online Examinations • Schedule of Oral, Practical Examinations • All academic processes are carried out as per the guidelines laid down in the manual and Monitored through Academic Monitoring committee. • Academic Calendar is prepared in consultation with the Principal and Academic Monitoring committee. • It is then distributed to the departments. • Class timetables are prepared by Time Table coordinator of each department before start of the semester. • The entire planning of lecture and practical is done by Course Teachers and exams are conducted as per the Academic calendar. • The evaluation of students is done by following criteria • Online examinations • Theory - In semester and End Semester examinations, Oral /Practical examinations

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://www.kjei.edu.in/tcoer/pdf/Programme%20Outcomes.pdf>

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
Nil	BE	Graduation	443	435	98
Nil	ME	PG	27	27	100
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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://www.kjei.edu.in/tcoer/pdf/Student%20satisfaction%20survey.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
Nill	0	NIL	0	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
NIL	NIL	

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
How to enhance the income of the village	Gauri Bhgat (Mentor) Vishal Varkhede (Team Leader) Kedar Bhutada (Member), Ajay Wagh (Member)	All India Council of Education	20/12/2019	Innovation Solution
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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
NIL	NIL	NIL	E-mitra	E-Mitra was a start-up initiative by TCOER Computer Dept Faculty and Student, Objective of E-Mitra was to centralized students data at one platform which could be useful for placement	03/09/2019

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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)
National	All	23	0
International	IT	2	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
All	25

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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
Designing Smart WSN: Using Advancement in the field of optimization used in intelligent software agents	Nisha Abhijeet Auti	Journal of Emerging Technologies and Innovative Research	2019	0	Trinity College of Engineering and Research, Pune	0
Agent-based Clustering Routing Protocol for Wireless Sensor Network	Nisha Abhijeet Auti	International Journal of Engineering and Advanced Technology (IJEAT)	2019	0	Trinity College of Engineering and Research, Pune	0
Iot		4th	2019	0	Trinity	0

Based power Management System	Shubhangi Handore, Tanviya Shaikh, Priyanka Mane, Akshay Yeola,	World Conference on, SMART TRENDS IN SYSTEMS, SECURITY AND SUSTAINABILITY London, United Kingdom			College of Engineering and Research, Pune	
Segmentation and classification of Primary Brain Tumor using Multilayer Perception	Dr. Subhangi Handore	3rd international Conference on Computational Vision and Bio Inspired Computing (ICCVBIC-2019), India during 25-26, September 2019	2019	0	Trinity College of Engineering and Research, Pune	0
Investigation of base pressure variations in internal and external suddenly expanded flows using CFD analysis	Khizar Ahmed Pathan, SA Khan, PS Dabeer	CFD Letters	2019	8	Trinity College of Engineering and Research, Pune	8
Influence of expansion level on base pressure and reattachment length	Khizar Ahmed Pathan, SA Khan, PS Dabeer	CFD Letters	2019	6	Trinity College of Engineering and Research, Pune	6
An investigation of effect of control jets location	Khizar Ahmed Pathan, SA Khan, PS Dabeer	Journal of Thermal Engineering	2019	1	Trinity College of Engineering and Research, Pune	1

and blowing pressure ratio to control base pressure in suddenly expanded flows						
Analysis of parameters affecting thrust and base pressure in suddenly expanded flow from nozzle	Khizar Ahmed Pathan, S. Ashfaq, SA Khan, PS Dabeer	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2019	1	Trinity College of Engineering and Research, Pune	1
Effect of nozzle pressure ratio and control jets location to control base pressure in suddenly expanded flows	Khizar Ahmed Pathan, S. Ashfaq, SA Khan, PS Dabeer	Journal of Applied Fluid Mechanics	2019	8	Trinity College of Engineering and Research, Pune	8

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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
Investigation of base pressure variations in internal and external suddenly expanded flows	Khizar Ahmed Pathan, SA Khan, PS Dabeer	CFD Letters	2019	8	8	Trinity College of Engineering and Research, Pune

using CFD analysis						
Influence of expansion level on base pressure and reattachment length	Khizar Ahmed Pathan, SA Khan, PS Dabeer	CFD Letters	2019	6	6	Trinity College of Engineering and Research, Pune
An investigation of effect of control jets location and blowing pressure ratio to control base pressure in suddenly expanded flows	Khizar Ahmed Pathan, SA Khan, PS Dabeer	Journal of Thermal Engineering	2019	1	1	Trinity College of Engineering and Research, Pune
Analysis of parameters affecting thrust and base pressure in suddenly expanded flow from nozzle	Khizar Ahmed Pathan, S. Ashfaq, SA Khan, PS Dabeer	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2019	1	1	Trinity College of Engineering and Research, Pune
Effect of nozzle pressure ratio and control jets location to control base pressure in suddenly expanded flows	Khizar Ahmed Pathan, S. Ashfaq, SA Khan, PS Dabeer	Journal of Applied Fluid Mechanics	2019	8	1	Trinity College of Engineering and Research, Pune

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	14	0	0
Presented papers	0	13	0	0
Resource persons	0	0	0	2
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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
International Yoga Day	Indian Yoga Sciences Institute	3	193
Tree Plantation on Wari Marg	SPPU	3	148
(Service Excellence Victim Assistance)	Pune Police	1	30
Supporting Souls (Help to flood affected people in sangli Kolhapur)	NSS	5	155
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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 activities	Number of students participated in such activities
AIDS awareness	Women Empowerment Cell of TCOER	AIDS awareness Program	1	56
Team Maitri	Maitri Foundation	Visit Orphanage, School Bag Donation	2	30
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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
NIL	0	0	0
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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
Internship	student internship	Skywing Technologies	02/12/2019	31/01/2020	25
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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
Sachin N kadam Associates	12/08/2019	1. Constructive suggestions while designing the curricula. 2.Assist faculty while developing skills	71
Skywings Technologies Pvt. Ltd. Katraj	14/10/2019	1.Give live projects to the students and guide them 2. Allow to use available sophisticated and costly equipment to faculty and students	68
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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
106	7.92

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing

Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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 partially)	Version	Year of automation
SLIM 21	Fully	3.7.0	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20986	8644795	0	0	20986	8644795
Reference Books	168	565602	0	0	168	565602
e-Books	510	0	25	0	535	0
CD & Video	726	0	0	0	726	0
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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
NIL	NIL	NIL	Nil
No file uploaded.			

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	710	28	0	1	1	14	94	100	0
Added	0	0	0	0	0	0	0	0	0
Total	710	28	0	1	1	14	94	100	0

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

100 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
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	recording facility
Blade server of capacity 2TB	NIL

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 incurred on maintenance of physical facilities
6	2.61	15	34369

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)

The purpose of maintenance is to ensure the maximum efficiency and availability of building, equipment, utilities and related facilities at optimal cost and under satisfactory conditions of quality, safety and protection for the environment. This policy is intended to help Management, staff, and students to understand importance of Infrastructure maintenance and procedures followed for the same. Effective Maintenance of infrastructure can. Contribute to an organizations instructional effectiveness and financial well-being. improve the cleanliness, orderliness, and safety of an education organizations facilities reduce the operational costs and life cycle cost of a building help staff deal with limited resources by identifying facilities priorities proactively rather than reactively extend the useful life of buildings increase energy efficiency and help the environment. The scope of work for any maintenance program encompasses the building envelope, fixed equipment, other components of a facility's infrastructure and, in recent years, includes a variety of technical and support functions as well. Among other objectives, a comprehensive maintenance program is necessary at each facility to Keep buildings, equipment, and fixtures reasonably close to original operating condition. Provide overall service requirements (e.g., preventive/predictive maintenance routine maintenance minor, major, and emergency repairs alterations and improvements equipment testing inspections and monitoring etc.). Define the manner in which the work will be implemented. Provide necessary modifications to accommodate customer needs, upgrades, and new technologies. Match appropriate staff, tools, and other resources to accomplish work tasks. Maintenance Contract: Depending on the cost and nature of the goods to be purchased, it may also be necessary to enter into maintenance contract(s) of suitable period either with the supplier of the goods or with any other competent firm, not necessarily the supplier of the subject goods. Such maintenance contracts are especially needed for sophisticated and costly equipment and machinery. It may however be kept in mind that the equipment or machinery is maintained free of charge by the supplier during its warranty period or such other extended periods as the contract terms may provide and the paid maintenance should commence only thereafter. Maintenance of Facilities without Inviting Quotations: Maintenance of Facilities can be done by under the authority of Head of the Department up to a value of Rs.10,000/- (Rupees Ten Thousand Only) on each occasion may be made without inviting quotations, bids by the competent authority in case of absolute emergency and such emergency be clearly specified by the purchaser and approved by the competent authority. For spot maintenance the competent authority will survey the market to ascertain the reasonableness of rate, quality and specifications and identify the appropriate supplier. Maintenance of Facilities by Inviting Quotations: Maintenance of facilities costing more than Rs. 10,000/- (Rupees Ten Thousand Only) and up-to Rs. 2,00,000/- (Rs. Two lakhs only) should be done by inviting quotations (by considering at least 3

valid quotations). The maintenance should be done on the recommendations of the competent authority duly approved by the Director, Principal, Dean, R D for each financial year. The Committee shall prepare a comparative statement of the quotations received

<https://www.kjei.edu.in/tcoer/pdf/Maintenance%20policy.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	Student Welfare	1831	2743152
Financial Support from Other Sources			
a) National	Scheme and merit cum means scholarship for professional and technical courses	1	25000
b) International	NILO	0	0

[View File](#)

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 implementation	Number of students enrolled	Agencies involved
Advanced Microcontroller and Applications	13/03/2020	65	Sky Wings Technologies
PIC Microcontroller and Embedded system	15/09/2019	60	Sky Wings Technologies
Remedial Coaching	20/04/2020	150	TCOER Faculty

[View File](#)

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 passed in the comp. exam	Number of students placed
2019	Career Counselling	0	437	0	151

[View File](#)

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		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Atos Syntel Bitwise Global Emicon Advisory Services LLP FIS Global IBM Infosys Jaro Education LogiPool Machbizz Pvt Ltd. Niseva NTT DATA Persistent Qspider Sankey solution Sinewave Softbrisk TCS Tech Mahindra Tudip Technologie VSPP Xoriant Technology	610	151	Acceenture Niseva Vatsalya School Xoriant Volkswagon	5	5
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2020	3	Bachelor of Engineering	COMPUTER	TCOER	ME COMPUTER
2020	7	Bachelor of Engineering	Civil	MIT TCOER	ME STRUCTURE
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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
GATE	13

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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
Cricket Competition	Inter College	1500
Kho kho	Inter College	500
Kabbadi	Inter College	500

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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	NIL	Nil	Nil	Nil	Nil	Nil

No file uploaded.

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

Student Council is formed every year by selection procedure from interested students. Class representative is first selected from each class (one boys representative one Girls representative) All Class representatives are members of student council. Student representatives are on different committees i.e. Internal complaint committee (ICC), Anti ragging committee, Technical and cultural committees, National service scheme (NSS) Each department establishes students association and activities are planned and executed by the organization.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1004/2015/Pune, Registration Date:6/08/2015 Aim and Objective of Alumni Association: a) To establish liaison with other Organization /Universities, National/ International for enhancement of high level professionalism in the field of Engineering and Research. b) To arrange for Seminars, Symposium and Group discussion among the students and teaching faculties on topic of Engineering and Research. c) To provide financial help and assistance to deserving students of the college. d) To arrange annual gathering and get together and also cultural programs and sports events for all past and present students and their families. e) To arrange recruitment centers (Human Resource) for the students. f) To establish libraries, free reading rooms, book banks and to help the students of the college in getting loans and scholarships and to constitutes Trust's own scholarship schemesfor deserving students. g) To publish books, pamphlets, periodicals, journals and other literature on various topics/ subjects relating to engineering and allied subjects. h) To start various job oriented or self employment oriented vocational training courses for the students of the college,and to establish centers and provide guidance for securing employment and to organize classes / centers for the preparation of U.P.S.C. and State Service Commissions, Competitive Examinations including I.A.S., I.P.S. and I.F.S. and of other recruitment boards and organizations particularly in the field of Engineering. i) To co-ordinate/ co-operate with college managements and the Govt. agencies to achieve the established goals set

out by the trust. j) To establish hostels for the students (girls and boys) who are unable to get accommodation in college hostels. k) To inculcate leadership qualities amongst the past and present students of the college and to establish coaching centers for the Engineering students. l) To extend co-operation and help to the college management in terms of money and in kind to achieve the goal of betterment of students of the college in all aspects and sphere. m) To establish high level multi disciplinary and extra modern laboratories/ workshop for research and development purposes and to arrange guest lectures of experts for the benefit of engineering students and the members of the trust.

5.4.2 – No. of enrolled Alumni:

146

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet

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)

1. Every year feedback is taken by management from faculty to find scope for the improvement related to leaves, increments and development programmes 2. In open house system, management communicate with faculty as well as students once in a semester to discuss issues related with academics, infrastructure

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

Partial

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
Examination and Evaluation	i) Institute prepares the student for University exam through Practice session, Remedial classes. And also conduct the unit tests and Prelim exam for the student. ii) Institute Prepares student for the Practical Exam by Conducting the Mock and Online Exams. iii) The project Work evaluated by the industrial experts. iv) Seminar and Guest lecture are conducted to the Improve technical knowledge of the student. v) Attendance, test marks and assignments evaluation is reflected in term work marks.
Industry Interaction / Collaboration	Associate dean industry relation is appointed for industry institute interaction. Experts are invited from various fields to deliver guest lectures and industrial visits are arranged. The Career Guidance and

Placement Cell (Aided Section) organized an Educational visit for students to Persistent Systems, Pune. Students received excellent exposure in IT sectors. Many students are placed every year in different organizations through campus interviews conducted in our college, in collaboration with prominent industries. In conferences and seminars industry experts are invited to deliver lectures and interact with the teaching staff.

Research and Development

Research has been considered as an important integral part of the academic endeavours in our College. Many Seminars and workshops are organized by the College to provide expert information on research Methodology. The College promotes faculty participation in research by granting them leave, helping them in participation of faculty improvement programs and arranging for books required by them. Dean RD develops research and development culture among students and faculties.

Human Resource Management

College has procedures to evaluate the performance of the faculty in teaching, research and extension programs. At the end of the academic year, every teacher is given an Academic Performance Indicator form on the basis of the UGC regulations. The form requires the teacher to give his/her self-evaluation of the academic, co-curricular and extra-curricular work done during that year. It also requires the teacher to enumerate the papers presented at conferences, seminars, refresher courses and orientation programs he/she has attended. The report to be filled in by each teacher is also evaluated and it analyses the duties performed with respect to lectures completed as per the teachers planned lecture schedules, lectures taken.

Curriculum Development

The college is affiliated to the Savitribai Phule Pune University, (SPPU) Pune. To make the curriculum more effective and to achieve objectives of the college, the following steps have been taken: ? Curriculum is defined by SPPU for each of the programmes in the institute. However, we map and bridge the existing curriculum with industrial requirements

and gaps if any. For example, to enhance the practical skills, we conduct workshops, Industrial visits and talks by industrial experts. ? Associate dean academics Monitors academic development and associate dean quality assurance monitors various process and activities using ISO 9001:2015 framework. • An academic calendar is prepared by Academic Dean and Principal for each semester in advance and it is given to all faculty members and students. Academic Calendar also includes the time slots for various co curricular and extra-curricular activities. • The subject distribution is done well in advanced, by considering the subject choices given by faculties. • Time tables are prepared well in advance and made available before the commencement of each semester. It is displayed on departmental notice board. • Each faculty member submits a teaching plan, class notes and test question papers along with the solution at the beginning of the semester to the HOD, Academic Dean and Principal. It is given to the students at the beginning of the semester. • The progress of the department is maintained through regular class tests, presentations and In semester University examinations. • Attendance of every student is displayed on notice board after every fifteen days. List of less attendance student is displayed and informed to the parents and Academic Dean. • For a group of 20 students, one faculty member is appointed as a Mentor. Mentor and students meetings are conducted at regular intervals. • Progress of every student and test results are also communicated to their parents by Mentors. • Academic Dean frequently inspects the class room teaching and information is conveyed to the HOD and Principal for taking corrective measures if any. • The Principal conducts a regular meeting with all faculty members in a semester to assess the progress made by the Department/Institution. • The schedule of remedial classes is planned in academic calendar and accordingly remedial classes and tutorials are conducted for the weaker students. • To verify syllabus completion of every

faculty sign from Academic Coordinator and Academic Dean is taken on teaching plan. • In feedback system, suggestions are given by the students regarding teaching, institutional facilities, etc. The Principal takes corrective actions based on the student's suggestions.

Teaching and Learning

Teaching plans are prepared for a semester as per academic calendar of institution and also verified as per syllabus and norms of SPPU Pune University. The teaching - learning process is facilitated through Qualified, trained and experienced faculty. Apart from class-room teaching, students are encouraged to use library and internet facilities. The teaching staff maintains diary and record daily instruction delivered, practical conducted and other such activities performed. Associate dean academics Monitors academic development and associate dean quality assurance monitors various process and activities using ISO 9001:2015 framework. The inputs for such review may be from ? Feedback of students (2 within semester) ? Internal test results ? Assignment quality submitted by student ? Final results (Semester wise /Yearly) ? This process is reviewed by Head of Department also feedback is shared.

Admission of Students

The Institute is a part of the centralized admission process (CAP) of Directorate of Technical Education (DTE), Government of Maharashtra. This ensures total transparency in Admission process. ? Admission notification is hosted by DTE, Maharashtra on their website. ? Institute advertises the admission process in leading State and National level newspapers and appropriate media as well as college web site. ? ? Institute has its own admission cell to provide the information about the admission related issues to parents and students. ? ? A short description of the Admission process, eligibility criteria for admission, college fees, hostel fees and documents to be submitted during the admission etc. are published on the college website. ? ? The actual admissions takes place on the basis of allotment letter of DTE offered to the student. ? ? The students submit the

required documents which are scrutinized in his/her presence. ? ? The basic information of the student is entered by him/her in the college in prescribed format of excel sheet. Subsequently the admission is registered on the DTE website. ? ? The fees structure is prescribed by ShikshanShulk Samiti, (a Government committee under DTE, now restructured as Fee Regulatory Authority (FRA)). ? ? College I-card is handed over to the student at the end of admission process. The entire process is transparent and student friendly.

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

E-governance area	Details
Examination	All examination Question papers are sent to college through online mode by SPPU.
Administration	For HR recruitment all applications are called through college website.
Finance and Accounts	Tally software is used by accounts section for keeping record of budget and expenses incurred in various activities, events, remunerations and financial transactions.
Student Admission and Support	Students admissions are monitored and executed by central admission process through online portal of DTE Maharashtra.

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
2019	Prof. Pratibha Chavan	Nirbhaya Kanya Abhiyan	Nill	450
2019	Prof. Pavan Kulkarni	EDC Cell	Nill	600
2020	Prof. Rohini Nere	Faculty development Program	Nill	1320
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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	Title of the administrative training	From date	To Date	Number of participants (Teaching	Number of participants (non-teaching
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	programme organised for teaching staff	programme organised for non-teaching staff			staff)	staff)
2019	Faculty Development Programme in Data Science	Nil	09/12/2019	14/12/2019	56	Nil
2019	Faculty Development Programme in Cyber Security	Nil	19/08/2019	24/08/2019	60	Nil
2020	Online Faculty Development Program (Cloud Computing using Amazon Web Services	Nil	03/06/2020	07/06/2020	45	Nil
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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
faculty development programme	8	01/07/2019	31/03/2020	5
SE Syllabus orientation programme	8	22/06/2020	26/06/2020	5
SE Syllabus orientation programme	5	17/02/2020	22/02/2020	5
faculty development programme	5	03/06/2020	07/06/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
138	138	60	60

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Medical Leave/Casual Leave/Compensatory Off. Duty Leave facility wherever applicable. EPF as per government rules. Faculty members are permitted to attend Training Programs conducted at different Institutions. Faculty members are permitted for higher education. Implementation of sixth pay. Credit Cooperative society. The management has provided WIFI facility to enhance the effective learning teaching. 10 fee waiver for wards of the staff members in schools run by Institute.</p>	<p>Medical Leave/Casual Leave/Compensatory Off. EPF as per government rules. Faculty members are permitted for higher education. Implementation of sixth pay. Credit Cooperative society. The management has provided WIFI facility to enhance the effective learning teaching. 10 fee waiver for wards of the staff members in schools run by Institute. Institute provides uniforms to class IV staff.</p>	<ul style="list-style-type: none"> • Earn Learn Scheme • NSS • Persistent scholarship for Girls, • EBC • Scholarship (SC/ST/OBC/NT/SBC)

6.4 – Financial Management and Resource Mobilization

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

Internal Financial Audit: To audit the daily routine transactions, internal audit is done by Accounts Officer. Internal audit is done regularly. Account officer take review of yesterdays balance and all types of transactions of that day. At 4 pm all transactions are stopped. Transactions of Income and expenditure of the day is presented to the Principal daily. Daily balance sheet is signed by account officer and principal. **External Financial Audit:** The institution is having qualified practicing Chartered Accountant as internal and external auditors who audit the accounts annually. After the audit, the report is sent to the management for review. The auditors are appointed by the board of trustees in the trust board meeting. In addition to this, the institution is having consultants to give opinion on taxation and legal issues.

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
management	2743152	Student development
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6.4.3 – Total corpus fund generated

2743152

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	TAE	Yes	AMC

Administrative	Yes	KJCOEMR	Yes	AMC
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6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Communication with parents by phone calls posting letters 2. Parents Teacher Meet once in a semester 3. Feedback from parents 4. Mentor counselling record.

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

1. One Day skill development program by Executive Director Dr. H. K. Abhayankar. 2. One day training programme on behavioural skills by Campus director Dr. V. J. Kakhandki. 3. One day training programme on administrative skills by Dr. H. G. Phakatkar.

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

1. Aptitude training to students 2. FDP for teachers 3. online mentoring

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

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
2019	ELQ training to students	10/07/2019	08/07/2019	25/08/2019	250
2019	Industry Institute interaction (Industry Advisory Board)	10/07/2019	12/08/2019	31/03/2020	200
2019	Aptitude Training	10/07/2019	20/08/2019	30/09/2019	78
2020	Department Academic review	10/07/2019	02/09/2019	31/05/2020	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
Convocation and Alumni	08/02/2020	08/02/2020	357	113
Hackthon-	17/01/2020	17/01/2020	74	28

Under Smart India				
Malahaar (Cultural Event)	19/02/2020	21/02/2020	500	1000

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
<ul style="list-style-type: none"> • Solar operated LED lamps have been installed on the internal roads in the campus • The institute has implemented rainwater harvesting, which has saved significant amount of water expenses. This system recharges the institute's bore well. • All the vehicles are regularly checked for pollution control norms from the in house PUC centre • Institute have set up STP (Sewage Treatment Plant), by which we recycle waste water and use for watering to Trees. With renewable Energy sources of Solar panel 2 to 3 of power requirement met

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	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
2019	1	Nil	21/06/2019	1	International Yoga day	Yoga Practices and Guest Lecture	150
2019	1	Nil	23/06/2019	1	Guinness Book of World Record- for largest distribution of saplings-16661 by SPPU	Pollution control	148
2019	1	1	14/09/2019	1	NSS Orientation	Orientation of	150

						National Service Scheme	
2019	1	Nil	24/09/2019	1	NSS day	Environmental awareness	60
2019	1	Nil	02/10/2019	1	Mahatma Gandhi Jayanti	Importance of cleanliness	20
2020	1	Nil	11/01/2020	1	Road Safety week	Traffic rules awareness	150
2020	1	1	25/01/2020	1	Voter Awareness Day	Electoral Literacy for Stronger Democracy	80
2020	1	1	25/03/2020	35	Poster and video presentation	COVID-19 Awareness	700
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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)
KJEI Code of Conduct	07/08/2017	Code of conduct is prepared for KJEI as a campus. Separate code of conduct for Trinity college of Engineering and Research is prepared

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Swachha wari- Swastha Wari- Nirmal wari- Harit wari- Food plates donation (50000) and cleaning drive	26/06/2019	26/06/2019	50
Service Excellence Victim Assistance (SEVA)	17/07/2019	24/07/2019	1400
Help to Flood Affected people- Grocery, cloths distributed to flood affected people at Kolhapur, Sangli	14/08/2019	14/08/2019	100
Mula-Mutha Cleanliness Drive	02/10/2019	02/10/2019	28

plastic free scheme- Cleaning of river			
Samartha Bharat Abhiyan- Health and cleanliness of village	22/12/2019	28/12/2019	53
Blood Donation- Collection of blood and donated to Sasoon Blood Bank	24/01/2020	24/01/2020	155
COVID-19 Awareness- COVID-19 Awareness Quiz	23/04/2020	03/05/2020	6318
My Family My Responsibility- Adaptation of family (100)	20/04/2020	10/05/2020	60
Food Donation- Food Donation to labours	10/05/2020	20/05/2020	800
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. In whole year institute has planted 1000 trees to make campus Eco-friendly.
2. Solar operated LED lamps are installed on the internal roads in the campus, capacity of Solar panel is 60 kW.
3. The institute has implemented rainwater harvesting, which has saved significant amount of water expenses. This system recharges the institute's bore well.
4. All the vehicles are regularly checked for pollution control norms from the in house PUC centre
5. Institute have set up STP (Sewage Treatment Plant), by which we recycle waste water and use for watering to Trees.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 Title of the Practice: Zensar Training

1. Objectives:

- To enhance student's, logical reasoning, quantitative skills and enhance Technical skill on Industry Requirement.
- To bridge the gap between Industry and academia

2. The Context Teaching and learning is the most important activity in Curriculum. Technical enhancement is much required as per industry requirement. Students must be aware by Industry required technology and tool.

3. The Practice

- Pre-requisite of Zensar training is to clear their Preliminary test.
- Selected students get the training from their Zensar Expert in TE sem I and sem II and get training on Aptitude, Python and DataBase.

4. Evidence of Success Students get more prepare for placement which can be analyzed from (In-campus/Off-campus placement) results.

5. Problems Encountered and Resources Required Strict student attendance monitoring and discipline was required, TP team manage this issue successfully

Best Practice 2 Title of the Practice: Teacher Guardian Scheme

Objectives:

- To improve student-teacher relationship for solving their problems and help to enhance their confidence and to inculcate sense of discipline and social responsibility.
- Help students to solve their problems (both academic and non academic) by counselling and collecting feedback from them and ensure that problems are resolved to the satisfaction of all students.

The Context

- Need to establish coordination

between students and faculty members to build team spirit and collaborative learning. • To cope with the pressure to perform in current competitive world and to face the challenges of the society, students need TG support to achieve academic excellence and helping students to improve their attitudes, habits, and adaptability towards learning practices. The Practice • A Batch of 20 students is allotted to a mentor /Teacher Guardian. Student Mentor Record books are provided to each TG to maintain the record of students under their batch. The TG meets are scheduled with the students once in a week, The Parents/ Guardians of Irregular/ underperforming students are called by the TG and remedial measures are initiated for improvement. The TGs arrange remedial and tutorial classes for slow learners. TG maintains the student information in Students Mentor record book. HOD monitors the TG books. Evidence of Success • Students' attendance has improved after mentoring and monitoring regularly. The communications between TG and students strengthened the Student Teacher relationship. Academic performance of the students marginally improved. Participation in co-curricular activities is enhanced. Students get more focused to achieve their objectives. . Problems Encountered and Resources Required • The new faculty members who are recruited in the department need time and guidance to understand the importance of TG scheme. Orientation for such faculty members is required. The faculty members at times experience difficulty for one to one interaction as they are new to students and college. However most faculty members appreciate the utility of this scheme and take it up as pleasure.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.kjei.edu.in/tcoer/pdf/Institutional%20dist.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

Institute aim is to develop overall development of the student and to inculcate values in life. We make ensure that our students should be well disciplined. We facilitate the students with the required knowledge, experience and exposure to pursue their dreams for better employment. As institution is in rural area of the Pune. Most of the students admitted to this institute are from rural area. They are weak in communication and aptitude skills. Institution is taking efforts in improving soft skill and communication skill of students. Institution had a MoU with Zensar Technologies Pune for aptitude training of students from Computer and IT engineering. Every year Zensar Technology trainers take training session for Third year students at the start of each semester. Students are selected for training by conducting test. Every year 80 to 100 students are trained by Zensar technology. Our Students are hard working and technically strong but their confidence level is low due to communication skill. Institution regularly work on this as of priority basis task of improving students' communication and aptitude skills even for improving communication skills . Management highly support for the same and expert session are also arranged in this direction along with that in Time Table also communication improvement slot is available in Second year

Provide the weblink of the institution

<https://www.kjei.edu.in/tcoer/pdf/Institutional%20dist.pdf>

8.Future Plans of Actions for Next Academic Year

1. For improvement in academics-Model answer paper solutions for SPPU exam papers will made available in library and will ask students to submit one paper of each subject. 2. Improvement for Industry interaction- industry expert will be

called to the campus for discussion. The aim is to have ultimate exposure to industry atmosphere immediately after completion of graduation. 3. It has been observed that most of the students complete certification courses after graduation and then opt for placement so for improvement in placement- Specialization certification courses will be arranged focus will be given to one to one interaction with students. 4. Various industrial visits and international Universities will be planned 5. Having surplus infrastructure college is planning to have Intercollege sports competitions to increase students interactions with other colleges and universities