Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**TRINITY COLLEGE OF ENGINEERING AND RESEARCH**
Name of the head of the Institution	**Haribhau Ganpat Phakatkar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02026934423**
Mobile no.	**9850839782**
Registered Email	**trinitycoe@gmail.com**
Alternate Email	**principal.tcoer@kjei.edu.in**
Address	**Kondhawa-Saswad Road Bopdev Ghat Ta**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**411048**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**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)	http://www.kjei.edu.in/tcoer

4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website: Weblink :	http://www.kjei.edu.in/tcoer/academics/ calendar/Academic%20Calendar%20Sem-II%20AY%202018-19.pdf

5. Accrediation Details

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

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
Apptitudr Test	**20-Aug-2018**	**218**

	100	
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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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**6**
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	**92700**
Year	**2018**

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

Formation of Five major Associate Deans for different activities. Student Joining Report Submission on commencement day of the semester. Attendance monitoring system for student attendance. CCTV installation in all classrooms 51 student projects submitted to SPPU "Avishkar" Competition.

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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	Achivements/Outcomes
1. Teaching plan given to students at	Students planed their activity

the start of the semester	according to plan
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Board of Management	**24-Dec-2018**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**26-Sep-2017**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**02-Feb-2018**

17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Yes, Partial 1. In HR department all recruitments 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

• 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. • 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. • 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. • 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. • Aptitude training for final year students is planned in the semester. • Student employability skills are analyzed by AMCAT through test series. • Industrial visits and guest lectures are arranged for bridging the gap between academics and industry requirements. • 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 to come to know their problems regarding teaching, institutional facilities, etc. The Principal takes action to solve these problems.

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
Aptitude Training	Aptitude Training	20/08/2018	100	Employability	Logical reasoning, English, Quant

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Under graduate	11/06/2018

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

	Certificate	Diploma Course
Number of Students	502	Nil

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
A One Week National	11/12/2017	25

Workshop on Advanced Techniques in Vibration and Sound Measurement		
View File		

1.3.2 – Field Projects / Internships under taken during the year		
Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Nill	407
View File		

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
Yes There is a formal mechanism to obtain feedback from students through online from past four years.

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	788	342	342
MBA	Post graduation	240	63	63
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	1576	63	96	10	Nill

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	Number of	ICT Tools and	Number of ICT	Numberof smart	E-resources and

Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
106	106	7	21	21	7

View File of ICT Tools and resources

View File of E-resources and techniques used

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

The 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 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
1639	106	1:15

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
145	106	39	106	4

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
2018	Prof. P. M. Kulkarni	Assistant Professor	Certificate of reviewing at Journal of constructional steel research

View File

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	All programmes	Sem II 17-18	02/04/2018	23/06/2018

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 Attendance, test marks and assignments evaluation is reflected in student

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 must be 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

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)

> http://www.kjei.edu.in/tcoer/academics/department/comp/Curriculum/SE-Computer%202015%20course.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
Nill	BE	Graduation	441	369	84
Nill	ME	Post graduation	18	15	83

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)

> NA

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
No Data Entered/Not Applicable !!!				
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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
Recent trends and software applications in structural Engineering	Civil Engineering	15/09/2017
Types of intellectual property rights	Civil Engineering	02/04/2018
Types of intellectual property rights	Electrical Engineering	04/04/2018

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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
NA	Nill

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)
No Data Entered/Not Applicable !!!			
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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
Mechanical	7
Information Technology	5

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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
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	3	10	18
Presented papers	4	1	Nill	15
Resource persons	Nill	Nill	2	2
View File				

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				

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
00	00	00	00

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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
No Data Entered/Not Applicable !!!					

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
No Data Entered/Not Applicable !!!			

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
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	**Existing**
Laboratories	**Existing**
Seminar Halls	**Existing**
Classrooms with LCD facilities	**Existing**
Classrooms with Wi-Fi OR LAN	**Existing**
Seminar halls with ICT facilities	**Existing**
Video Centre	**Existing**
Value of the equipment purchased during the year (rs. in lakhs)	**Existing**
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	**Existing**

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SLIM21	Fully	3.5.0	2011

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			

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
No Data Entered/Not Applicable !!!			

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	834	28	0	1	1	14	94	50	14
Added	0	0	0	0	0	0	0	50	0
Total	834	28	0	1	1	14	94	100	14

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 recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
20.6	3.17	0	0

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

Maintenance organizations provide a comprehensive range of services that are essentially designed to keep educational facilities in good working order – a condition that is critical for success of the educational/instructional process and extending the useful life of building and other facility assets. Maintenance of educational facilities generally require the coordinated management of a variety of individual trades and crafts, support-related functions, as well as contracted services necessary to ulfil a facility's intended purpose. 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 toKeep 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. Standard Procedure 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 terns 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 lakh 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, RD for each financial year. The Committee shall prepare a comparative statement of the quotations received and give its specific recommendation.

NA

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	Aptitude training, Earn and learn, KJEI trust Scholarship,Industrial Visits guest	7055	6530522

	lecture		
Financial Support from Other Sources			
a) National	**State govt. Scholarships,Scheme and merit cum means scholarship for professional and technical courses**	**879**	**49848141**
b)International	**0**	**Nill**	**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 implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
[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 passedin the comp. exam	Number of studentsp placed
2017	**Apptitude training**	**Nill**	**218**	**Nill**	**3**
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	**2**	**7**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
8	**300**	**34**	**10**	**400**	**46**
No file uploaded.					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

No Data Entered/Not Applicable !!!
[View File](#)

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
No Data Entered/Not Applicable !!!	
[View File](#)	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
[View File](#)		

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
No Data Entered/Not Applicable !!!						
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

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:

1850

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

540000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet : one each year.

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)

No Data Entered/Not Applicable !!!

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
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.
	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.
	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.
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.
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-governace area	Details
Finance and Accounts	Talley software is used for accounts and finance.

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
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
106	106	158	158

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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.	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.	• 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)

Institution conducts internal and external financial audits regularly 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 Charted 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
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

6830522.00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC	Yes	LMC
Administrative	Yes	NAAC	Yes	LMC

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 counseling 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) Formation of deans and Associate Deans for Quality Assurance, Academics, Industry relations , R D and student development. 2) Installation of Lift 3) CCTV camera in all class rooms 4) SEED infotech training to students 5) Internshala registration and got 5th rank to student coordinator 6) Filed three oatents 7) sent 51 project groups for Avishkar competition to SPPU, Pune

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
2018	Student skill development programme	04/06/2018	11/06/2018	25/06/2018	218
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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

| BE | 23/12/2017 | 31/12/2017 | 10 | 75 |
| BE | 15/02/2018 | 21/02/2018 | 210 | 187 |

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
Percentage of power requirement of the College met by the renewable energy sources • College has initiated the process for installation of solar panel on suitable areas in college campus. Proposal for MoU with BCORE RENEWABLE SOURCES Pvt. Ltd. Pune is in process.Following are the some of the proposed areas for solar panel installation. a). Roof top of Auditorium b). Roof top of Power House c). Roof top of the shopping complex near power house. d). Erecting a structure about 20 to 30 feet high at parking place so that we can have roof top mounting of solar panels and also facilitate parking at the bottom. • College has also signed the MoU with Vaata Smart Limited for installation of 3 wind mill rating 5.5 kVA in suitable areas of college campus. MoU is signed on 25th September 2018.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	2

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
2017	7	4	23/12/2017	7	Swachhata Abhiyan	Health andcleanliness of village	125
2018	7	4	15/02/2018	1	Cyber Security	Importance of online safety	185
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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. It is followed by Trinity college of Engineering and Research

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Swachhata Abhiyan	23/12/2017	30/12/2017	125
Aspiration Management	10/06/2018	26/06/2018	39
Learning Methodologies	17/10/2018	17/10/2018	84
Role of Teacher in Institutional development	14/12/2018	14/12/2018	40

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Solar Power, Tree Plantation,Rainwater harvesting, LED lamps, Pollution control center.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Aspiring Minds computer adaptive Test 2. Computer aptitude training programme.

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

http://www.kjei.edu.in/tcoer/academics/Best%20Practices.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

This 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. Students are hard working and technically strong but their confidence level is low due to communication skill. Institution has taken on priority basis task of improving students communication and aptitude skills. 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. Aptitude training is given to 218 students of all branches from final year in 2018 by SEED Infotech. This training was sponsored by management. In this training students are trained for aptitude, reasoning, technical and soft skills. After every module, test was conducted for student evaluation. Two days workshop followed by training session on interview skills was taken by SEED infotech. For employability of student this training was required. Students are evaluated by Aspiring Minds Computer Adaptive Test

Provide the weblink of the institution

http://www.kjei.edu.in/tcoer/academics/Best%20Practices.pdf

8.Future Plans of Actions for Next Academic Year

The institute has action plan for next academic year: 1. Formation of Industry Advisory Board (IAB): To bridge the gap between theoretical knowledge of the students and practical requirements of the industry, strong liaising between educational Institute and Industry is required. Industrial Visits, Industry Sponsored Projects, Expert talk from industry is part of Industry Institute

Interaction. In next year we plan IAB for each department. From every department at least 20 industries will have tie up. For six departments we will have 120 industries liaising. A president from industry will be appointed and at least two meeting will be scheduled in one semester. Suggestions from IAB will be considered for development of students as well as Institution. 2. All Professional Chapters: In next year at least four professional chapter will be established. 3. ISO Certification: Institution has already adopted procedures and formats of ISO. In next year we will apply for ISO certification. 4. National Board of Accreditation (NBA): All departments of the institute will apply for NBA.