Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD**
Name of the head of the Institution	**Dr. A. M. Mulla**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02164272701**
Mobile no.	**8600339786**
Registered Email	**principal@dacoe.ac.in**
Alternate Email	**ammaitp@rediffmail.com**
Address	**Vidyanagar Extn., Banawadi**
City/Town	**Karad, Dist. Satara**
State/UT	**Maharashtra**
Pincode	**415124**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Mr. Sunil D. Bagade**
Phone no/Alternate Phone no.	**02164272701**
Mobile no.	**7588065638**
Registered Email	**iqac@dacoe.ac.in**
Alternate Email	**sdbagade.mech@dacoe.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.dacoe.ac.in/AQAR-2017-18.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.dacoe.ac.in/academics/Academic-Calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.55**	**2017**	**28-Mar-2017**	**27-Mar-2022**

6. Date of Establishment of IQAC	**21-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
Workshop on IPR	**07-Jan-2019**	**31**

	1
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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	2019 Nil	0
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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 :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Academic Calendar prepared by IQAC and given to all departments. The implementation of Outcome-based education. Encourage the department to arrange the training program for faculty as well as for students. Given target to staff to complete 90 percentage of the syllabus. Soft skill training provided to all students from the first year to the final year.

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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
Improvement in University results	Result of Mechanical engineering increases, Civil and Computer science engineering remains stable, and Electronics and telecommunication

	reduces slightly
Strengthening the training and placement cell and increase placements	With proper training to students placements increases
To publish quality research papers	The quality publication increases slightly
Strengthening Industry institute interaction	Industry institute interactions increases slightly
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	**No**
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	**2019**
Date of Submission	**31-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The institution have Management Information System Partial. MIS makes use of information technology to help ensure a smooth and efficient running of the office and accounts. Which helps in financial planning, Cost accounting, Asset accounting, Accounts receivable, Payroll Accounts payable, etc...**

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 academic calendar prepared before the start of the semester as per guidelines by Shivaji University, Kolhapur and circulated to the department. The department prepares its departmental academic calendar in line with the institute academic calendar. Courses are allotted to faculty members as per their choice and domain expertise. Every faculty prepares his / her course file, detailing about lecture plan/laboratory plan and other academic activities related to the course. The following activities are performed by all faculty members. • Preparation of Lesson and Practical Plan • Conducting Lectures and Practical's as per schedule • Maintaining Academic Dairy • Conducting tutorials • Conducting class tests and / or preliminary examinations

• Conducting Classroom and Project Seminars • Organizing expert lectures and workshops The time table co-ordinator prepares the time table. The time table circulated to the faculty members. Institute follows the academic calendar provided by the University. The Calendar of Activities with Academic schedule is prepared and published at institute level every year to achieve Institute's vision, mission and quality policies. Academic calendar includes month wise schedule of various activities. In the best interests of the students, the Institute is committed to deliver quality curriculum as detailed below: Planning of course: First step is allocation of the subjects to the faculty members which is carried out by taking into consideration their specialization, experience and willingness. Teachers are encouraged regularly to impart the curriculum through innovative teaching methods such as PowerPoint presentations, assignments, discussions, workshops, seminars, industrial visits apart from regular/traditional teaching methods. The Head of departments conduct their department meetings regularly and develop academic plan. The course file contains 1. Personal time table 2. Syllabus Copy 3. Teaching plan 4. Subject notes, PPT, handouts 5. University question papers 6. Internal Unit test / preliminary examination question papers. 7. Sample answer sheets of students 8. Assignment questions. 9. Sample copy of completed assignment from students. Academic Audit: The institute has Academic Cell including Principal, Dean Academics, Head of Departments and Departmental Academic Coordinators. The academic Diaries, lesson plans and the course files are checked monthly. Academic Audit includes review of the syllabus coverage and attendance of students to ensure smooth conduct of academic activities. The progress of syllabus coverage is monitored periodically by the Head of the Departments concerned and the Principal. • The Academic record maintained by faculty members like class wise student attendance, topics covered, test marks, assignment mark, seminars handled by students. The attendance registers are regularly scrutinized by the HOD and Principal. • In addition to the curriculum, students are educated about the latest developments in their respective fields through guest lectures by academic / industry experts, workshops, seminars and industrial visits etc. • Feedback of faculty members is taken from the students to enhance the teaching-learning process. • The course co-ordinator assesses student's experiments and assignments according to CAS (Continuous Assessment Sheet • Invited Lectures • Mentoring of Students: At the end of Semester University exam is conducted as per university schedule.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
STTP on " Hands on image processing"	Nil	04/06/2018	6	Yes	Practical knowledge
Soft Skills Personality Development Training Enlight Knowledge Network	Nil	24/09/2018	5	Yes	Communicatio n skill
One week STTP on " Application of STADD Pro V 8i in	Nil	01/10/2018	5	Yes	Practical knowledge

Civil Engineering S.E.,T.E.,B. E. Civil

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
BTech	Civil Engineering	01/06/2018
BTech	Computer Science and Engineering	01/06/2018
BTech	Electronics and Telecommunication Engineering	01/06/2018
BTech	Mechanical Engineering	01/06/2018

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

	Certificate	Diploma Course
Number of Students	0	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
MEGA JOB SKILLS FAIR Shivaji University, Kolhapur	07/05/2018	326
Career Opportunities in Indian Navy by Capt. Choudhary	09/07/2018	326
KPIT Sparkle 2019 Mr. R.A. Mashelkar	17/07/2018	326
Opulent Info Tech Pvt. Ltd Mr. Mosim Attar	20/07/2018	326
GATETUTOR Aptitude and Technical Test Series	02/07/2018	103
GATETUTOR Aptitude and Technical Test Series	02/07/2018	182
Career Orientation Session	03/08/2018	326
Campus Recruitment Training	07/08/2018	326
Co Cubes Practice test	07/09/2018	25

Co Cubes Preliminary test I	19/09/2018	25
	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	CSE, ETC, Mechanical and Civil Engineering	340
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
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
An institution has a proper feedback system through feedback from of students, parents and alumni. Student Feedback: The suggestions and feedback are taken 2 times after completion of 30 percent syllabus and 70 percent syllabus during each semester. The points from students are implemented effectively for proper delivery of the curriculum. The students Feedback report is collected online, twice in a semester. Students assess their course co-ordinator (Theory and Practical) on the basis of a series of questions given to them. Student's feedback report is given to every course co-ordinator and takes necessary steps/measures in case of improvements required as suggested in the feedback. Letter of appreciation is given to course co-ordinator who has excellent feedback. Parent feedback: Parent meet is arranged at each semester and parents of each student called for a meeting. Progress of student is discussed with parents and suggestions are taken from parents for proper delivery of the curriculum. Alumni feedback: Alumni are invited and the experience of these alumni are discussed with all students. The suggestions are invited from stakeholders and rectified through the proper channel. The faculty members play an important role in enriching the curriculum to its effective implementation.

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	Mechanical Engineering	120	41	41
BE	Electronics & Telecomm. Engineering	60	7	7
BE	Computer	60	42	42

	Science and Engineering				
BE	Civil	60	28	28

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	979	0	68	0	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	Numberof smart classrooms	E-resources and techniques used
68	65	10	13	0	43

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 faculty member is assigned a group of 15-20 students for monitoring of all academic, personal and psycho-social support activities carried out by the student. If students face any academic problems while studying, academic advice is provided to help students to find solutions by the member of academic advisory committee referred by the respective mentor. The academic advice service is an independent, free and confidential service that is accessible to all students. Each faculty member of the department is associated with Mentorship programme with the task of mentoring 15 to 20 students. Mentor meeting is arranged in every month to understand and solve student's problems related to academic as well as personal. This is to strengthen the bonds of appreciation and affection that exists between the teachers and students. Institute tracks student performance by continuous monitoring of the performance of every student. The performance is checked by counselling and mentoring the students through mentor system. We collect the feedback from them regarding the basic needs and kind of environment they prefer to maintain quality. ? Identification of talent among students from the mentoring mechanism. Academic and Career Mentoring: The institute provides regular counselling to the students to address issues relating to their academic shortfall and obstacles. The students, at the time of the admission, are guided by the faculty in choosing an appropriate branch. They are counseled adequately to shape their career. Personalized counselling and parental care is made possible by Mentor-Mentee Schemes practised in the Institute. The institute encourages the students towards taking up higher studies and research. Aptitude, soft skill and technical skill classes are arranged for the students apart from their normal classes through special scheduled classes. Personal and Psycho-social Mentoring: The mentors perform regular interaction with the students placed under their mentorship at a one-to-one level. The students are encouraged to share their personal problem and a friendly environment is provided to make them comfortable to share their personal problems. The mentors maintain the secrecy of any personal information and take necessary corrective steps in consultation with senior official staffs, thereby addressing personal problems. In the institute student come across various issues during their studies. Sometimes, the students who are unable to take the right decisions psychiatric overcome psychological issues and handle different problems. Personal counselling is provided by the institute with the help of psychiatric to overcome such situations. The psychiatric visits periodically to the institute for counselling. They are counselled to become better human beings and to stand and face different situations. The admitted students of our institute are mostly from a nearby rural area. Most of them have completed SSC education in Marathi medium and face difficulties to adapt engineering education in English medium. The students are hesitating in asking for guidance and help for his difficulties in studies. This tends to

drop out of engineering education. So the institute decided to address these issues through the mentor system and provide them with the necessary moral and emotional support that they needed most.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
979	65	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
68	65	0	0	3

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	Dr. A. M. Zende	Associate Professor	1. Certificate of Exellence in reviewing Research Papers. 2. Member of National Advisory Board for Intershala conference
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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	ALL	Odd	28/09/2018	20/01/2019
BE	ALL	Even	29/03/2019	29/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• Two unit tests are conducted in each semester • Each practical session of the student is assessed for continuous assessment with the help of CAS sheet by the respective subject teacher Scope of evaluation at the Institute is limited only to the term work. Practical and theory evaluation is done by the University. • At university level - Practical, Oral Examination and Theory Examination are conducted and evaluation is done by the university through Central Assessment Program and our faculty contributes in the capacity of Paper Setter, Internal /External Examiner for POE, Junior/Senior Supervisor and Examiner, Moderator for Theory Examination, CAP Director and Member of Flying Squad. • Students are clearly made aware of the eligibility conditions required to appear in the University Examination of the respective semester. • Institute notifies related evaluation process and related documentation on the notice board. This includes a schedule of internal evaluation, POE and University examination. • Institute

notifies the criteria for allocation of term work marks. • Continuous Assessment Sheet (CAS) for all the courses is included in academic diaries of respective faculty members. • The term work marks are displayed on the Department notice board. • Institute organizes Faculty Development Programs and presentations on evaluation processes. • Faculty members meetings are conducted periodically to review the evaluation process. • The institution ensure effective implementation of the evaluation reforms through- Internal Tests. • Project and seminars evaluations. • Continuous assessment of lab work • Principal / Dean (academics) conducts a meeting with all the heads of the department before every semester examination regarding the smooth conduct/implementation of examination rules, where every HOD gives their suggestion on various aspects of examination and evaluation based upon the previous examinations. This enables further improvement in the subsequent examination and evaluation. Conducting a general meeting of all faculty members by the Principal / Dean (academics) before end semester examination regarding the smooth conduct/implementation of examination rules, where every faculty members are encouraged to give their suggestion on various aspects of examination based upon inputs of previous examinations. Then the unanimous suggestions are implemented for the subsequent examinations the evaluations in conjunction with university norms.

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

• The institution follows the academic calendar which is released before the commencement of the semesters. • This calendar helps the students, parents and teachers to plan for the academic year. • The academic calendar consists of the following information. 1. Academic Events 2. Assessment Schedules 3. Sports Schedules • Schedule of co-curricular and extracurricular activities. • The lesson plan for teaching is prepared at the beginning of every semester and it starts from the department level. The concerned Head of the Department conducts a meeting with all the faculty members and allots subjects based on their interest and expertise. Subsequently, the time table is prepared, displayed at the departmental notice board, and circulated to the students. The faculty members make his teaching plan. • Course-coverage is monitored by HOD and reports the same to the Principal. Wherever, a deviation is observed, the HOD seeks clarification from the faculty member concerned. Special remedial classwork is planned.

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.dacoe.ac.in/dptcivil/DOWNLOADS

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
CSE	BE	Computer Science & Engineering	38	38	100
CIVIL	BE	Civil Engineering	72	54	75
ENTC	BE	Electronics & Telecommun	75	67	89.33

| MECH | BE | Mechanical Engineering | 137 | 126 | 92 |

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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)

http://www.dacoe.ac.in/feedback

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
Industry sponsored Projects	365	Trufit Precosion, Shiroli MIDC, Kolhapur	0.16	0.16
Industry sponsored Projects	365	Summit Industries, MIDC, Karad	0.2	0.2
Industry sponsored Projects	365	Castal Technologies, Satara	0.14	0.14
Industry sponsored Projects	365	Interstellar Energy Pvt. Ltd., Kolhapur	4.76	4.76

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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
IPR(Patents Innovations)	Research and Development and IQAC	07/01/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	31/05/2019	Nil

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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	Nil	Nil	31/05/2019

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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	CIVIL	2	2.0
International	BSH	1	0.5
International	CSE	6	5.38
International	Electronics and Telecommunication Engineering	2	0.0
International	Mechanical	15	3.63
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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
Civil	2
Mechanical	12
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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
Water Security Assessment in Semi- arid Region using Geospatial Techniques	Dr.A.M.Zen de,R.A. Patil, V.M. Patil	Materials Today	2018	3	DACOE	3
Sediment yield estimation and soil conservatio n measures for Agrani river basin	Dr. A.M.Zende, R.A. Patil, G.M .Bhosale	Materials Today	2018	3	DACOE	3

using geospatial techniques	

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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
Sediment yield estimation and soil conservation measures for Agrani river basin using geospatial techniques	Dr. A.M.Zende, R.A. Patil, G.M .Bhosale	Materials Today	2018	2	2	DACOE
Water Security Assessment in Semi- arid Region using Geospatial Techniques	Dr.A.M.Zen de,R.A. Patil, V.M. Patil	Materials Today	2018	2	2	DACOE

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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	2	3	4	25
Presented papers	9	7	0	0
Resource persons	0	0	2	0

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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
Advanced Image Analysis	ISRO	1	6
Hyperspectral Remote sensing and	ISRO	1	4

its application			
Advances in forest remote sensing	ISRO	1	5
One week cleaning campaign	NSS	1	51
Karad Municipal corporation River cleaning campaign	NSS	1	50
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Unnat Bharat Community Services (CSE)	Government organisation	E-goverance awareness	3	39
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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	Nil	Nil	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
Industry	Internship	Sunbeam	20/05/2018	20/06/2018	1
Industry	Internship	City Computers	20/05/2018	15/06/2018	1
Industry	Internship	A.T.C.	20/05/2018	15/06/2018	1
Industry	Internship	BIT Soft.	22/05/2018	17/06/2018	1
Industry	Internship	Time Technologies Ltd.	20/05/2018	15/06/2018	1

Industry	Internship	Pune Institute of Design	25/05/2018	20/06/2018	3
Industry	Internship	Opulent Pvt. Ltd.	21/05/2019	10/06/2019	4
Industry	Internship	Vishwa Technologies Karad	22/05/2018	17/06/2018	5
Industry	Internship	Unique Software	22/05/2019	17/06/2019	5

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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
SUNBEAM Institute of Information Technology (Authorized Training centre of CDAC acts @ Karad @ Pune)	16/04/2018	Training	1
Vishwa Technologies	04/01/2018	Trainings /expert lecture/workshops/STTP for students, faculty	47
PHN TECHNOLOGIES Pvt Ltd	27/01/2018	Trainings /expert lecture/workshops/STTP for students, faculty	132
SNB Technologies	21/06/2019	Trainings /workshops/STTP for students, faculty	12
Prolofic System Technologies PVT.Ltd.,36 Preet Chambers , Mumbai Pune Highway, Wakdewadi, Pune	02/02/2019	Training	40
Harrisburg University, USA	27/11/2018	Higher Studies	0

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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
10	0.19

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
Classrooms with Wi-Fi OR LAN	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 patially)	Version	Year of automation
e- granthalaya	Partially	3.0	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	843	401468	0	0	843	401468
Reference Books	16545	7177356	0	0	16545	7177356
e-Books	0	0	0	0	0	0
Journals	566	2240462	0	0	566	2240462
e-Journals	1	825225	0	0	1	825225
Digital Database	1	20000	0	0	1	20000
CD & Video	1	45000	0	0	1	45000
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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
Mr. G. V. Shinde	Milling Machine Attachments	https://www.youtube.com/watch?vloFAyT2ANOYt400s	09/03/2019

Mr. G. V. Shinde	Gear Cutting on Milling Machine	https://www.youtube.com/watch?v2c2Dx5Qa5fQt54s	11/03/2019
Mr. G. V. Shinde	Gear Manufacturing Process	ttps://www.youtube.com/watch?vZeQ0yIkyA18t510s	11/03/2019
Mr. A. Awasare	Research Methodology	https://www.youtube.com/watch?vSELcOed13Wo	14/06/2018
Mr. A. Awasare	Basic Point in Technical Paper	https://www.youtube.com/watch?voiu1pAPZIMg	08/06/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	419	14	0	409	1	1	0	48	0
Added	0	0	0	10	0	0	0	0	0
Total	419	14	0	419	1	1	0	48	0

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

48 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
Nil	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 incurredon maintenance of physical facilites
48	40.76	25	20.14

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 institution provides necessary infrastructure as per guidelines given by AICTE, DTE, Government of Maharashtra and Shivaji University, Kolhapur for effective teaching and learning. The creation and enhancement of infrastructure are achieved by adopting recent technologies. The institute has its own policy to collect requirements from concerned departments and sections. The budget is prepared, discussed and put for approval in the Local Management Committee (LMC) and Governing Body (GB) meetings. After the approval, the same is implemented. The infrastructural facilities like classrooms, laboratories are

available to the students as per the timetable. The library facility is available from 8.00 am to 8.00 pm (up to 12.00 midnight during examination). All the classrooms and laboratories are optimally utilized throughout the day. The Institute has developed an auditorium, cafeteria, playground, central library building, and vehicle parking facility. Presently, Institute has 120 KVA generators. The institute has purchased types of equipment like computers, the latest hardware and software, LCD projectors, furniture, air conditioners and water coolers. The transport facility is made available to the students, faculty and staff members. Infrastructure facility like computer laboratory is well equipped with computers of latest configuration and Internet facility. The Institute's library is also well-stocked with books journals, e-learning material such as CD's and DVD's of digital books, multimedia-enabled computer system with an audio facility to keep pace with the Institute's academic growth. The Institute's Library has an Internet facility, Digital Library and e-journals. Computer laboratories have the latest hardware and software to match with the latest development in the field of IT.

http://dacoe.ac.in/uploads/naac/Procedures%20and%20policies.docx

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	Scholarship	793	30546167.5
Financial Support from Other Sources			
a) National	Emerson	30	300000
b)International	00	0	0
No file uploaded.			

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
Personality development	14/03/2019	161	Lokmat Connect
Communication	25/07/2018	140	Resun Management Function Foundation, verticate for TCS
You can do it	15/10/2018	128	EM make Asia Pacific Johnson Johnson Pvt Ltd,Singapur
Importance of life skills	14/02/2019	214	Shree Refrigeration Pvt Ltd.
Jeevan sanjivani (soft skill)	16/01/2019	190	Mr. Rajesh Chavan
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Session on career orientation	0	32	0	0
2019	Career opportunity in Indian Navy	0	40	0	0
2019	Carrier Opportunity in DAE	0	190	0	0
2019	Carrier Counseling - Civil	0	50	0	10
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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
1	1	3

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
TCS,pune	55	10	Allied Digital Services, Pune	2	2
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.E.	Civil	Trinity Academy of Engineering Yewalewadi, Pune	ME Civil
2019	1	B.E.	Civil	Trinity Academy of Engineering	ME Civil

| 2018 | 1 | B.E. | Civil | J. J. Magdum college of Engineering jaysingpur | M-TECH Civil |
| 2019 | 1 | B.E. | Civil | R.I.T. Sakharale | M-TECH Civil |

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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
Any Other	0

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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
Taekwondo	Interzonal	100
Football	Interzonal	144
Cricket (Women)	Zonal	192
Cricket	Zonal	192
Kabaddi	Zonal	360
Yoga day	Institute	200
Annual Sports	Institute	450

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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	4th Prize	National	1	0	2015015566	Sangram Patil
2019	1st Prize	National	1	0	2016065100	Tapasha Anil Nikam

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

Institute has Student Council Bodies of each Department ACES, ETESA, CESA, MESA Program Activates conducted under student counselling by ETESA Electronics and Telecommunication Engg. Departments are SY B.Tech Welfare function, Teachers Day, Expert Lecture on Dipexe Talk. Program Activates conducted under student counselling by ACES Computer Science and Engg. Department are SY B.Tech Welfare function, Competitive exam talk, Various Guest Lectures. Civil Engineering Student Association (CESA) conducted A technical event AAKAR 2K19, Guest Lectures. Program Activates conducted under student counselling by MESA Mechanical Engineering is SY B.Tech Welfare function. On the occasion of

science day institute organised various events like poster presentation, project exhibition.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the Institute has active Alumni Association • President – Dr. A. M. Mulla • Vice President – Prof. P. S. Mohite • Secretary – Mr. P. D. Bansode • Treasurer – Prof. V. M. Jamadar Alumni association meeting is held once in a year. The students graduating from the college automatically become members of the Alumni Association. The members of Association meet once or twice in a year to discuss the various issues regarding Alumni meet. The institute arranges lectures by alumni in different departments so that students will get motivation in the area in which they want to work and prepare for themselves for global competition. Our alumna also selected for Government organization

5.4.2 – No. of enrolled Alumni:

512

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet arranged per year, Executive body meeting once per 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)

The institute continued with decentralization practices and participative management various levels described as follows. • Institute has vision and mission which are futuristic in nature. They satisfy the needs of society through the involvement of each one in the process. The governance comprising of Governing Body (GB), Local Management Committee (LMC) now termed as College Development Committee (CDC), Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC) play a significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stakeholders. The Institute believes in promoting a culture of the delegation of powers through strategic policies. The Principal of Institute is assisted by Vice Principal, HODs, Administrative Head, Section in charges and coordinators of various cells/committees in the decision-making process of the Institute. Faculty and staff are assigned with the roles and responsibilities to work in a harmonious environment with complete transparency. IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities. The Institute maintained the culture of retention of Faculty and hence has an edge of senior and dedicated Faculty for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities. Fair representation of women faculty is also ensured at all levels of an organization and congenial environment is fostered. Based on the Vision and Mission of the Institution, • Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's surveys and feedback from all the stakeholders play a vital role in framing and revising policies. The Institution policy believes the involvement of all staff in decision making and implementing the decentralized decision policy. To

streamline the same, various committees at the Institute level are formed which look after academic and administrative activities which lead to the realization of the vision and mission of the Institute. Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and hence higher quality results.

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
Admission of Students	Admission of students is done as per DTE and government of Maharashtra norms by Central Admission Process(CAP). To improve the admissions the following activities are being done. 1) Career guidance programmes are conducted for HSC students from nearby area. 2) Banners are placed a prominent locations around Karad 3) Advertisement in leading news paper 4) Institute Boucher is prepared.
Industry Interaction / Collaboration	The institution continues to propagate industry connect through: 1) Technical talks / Invited seminars by industry persons 2) Industry visits / tours 3) Students' project work / internships 4) MOU(Memorandum of Understanding) 5) Placement Activity.
Human Resource Management	Motivating faculty members to participate in various STTP/ Orientation Program. Maintain grievance redressal cell, anti-ragging committee and sexual harassment committee.
Library, ICT and Physical Infrastructure / Instrumentation	Central and departmental library facilities are available. • Library Software is available in central library • NPTEL video lecture CDs are available ICT – • Broadband connection • Wi-Fi facility • Language laboratory Physical Infrastructure: • Campus security with surveillance • Canteen facility available within campus • Girls and Boys hostel available within campus.
Research and Development	Many faculty members were engaged in research work publishing papers in national/ international conferences and journal. The institutional policy is to financially support for publishing a research work. Institute received grant for research initiate scheme of Shivaji university Kolhapur. Institute explore various funding agencies for sponsoring

	research work (UGC, DST, SU) for major and minor projects. Institute encourage Faculties to improve their qualification by pursuing Ph.D.
Examination and Evaluation	The affiliating University prescribes the overall Evaluation Examinations process. Unit test conducted for each semester and consider it for term work with attendance and CAS marks As per university scheme 30 marks for internal exams and 70 marks of university paper.
Teaching and Learning	The institution has been following student centric teaching and learning methods. To improve the classroom learning various techniques have been used by faculties like showing models, providing hands-on practice and capturing student interest by activating prior knowledge. The institute adopted Continuous Assessment sheet for the evaluation of students. The teaching learning process strengthen by conducting industrial visit, short term training program, project work and project competition.
Curriculum Development	We have been affiliated to Shivaji University Kolhapur hence follow the Curriculum developed by Shivaji University. Our faculty members participate in workshops.

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

E-governace area	Details
Planning and Development	• Office automation will include students' database, faculty and staff database, feedback system etc • Library automation has been initiated by the partial use of E-Granthalaya software.
Administration	• IQAC notices are circulated by the coordinator through an e-mail • Library and office has computers with internet facilities.
Finance and Accounts	• Salary of faculty members and staff is transferred directly to the bank account
Student Admission and Support	• Admission of students is done as per DTE and government of Maharashtra norms
Examination	Reforms done as per Shivaji University Kolhapur and implemented.

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/	Name of the	Amount of support

		workshop attended for which financial support provided	professional body for which membership fee is provided	
2018	Mr. Patil A. N	FDP on Ethical hacking and Security	nil	1000
2018	Ms. S. D. Bandari	International conference on data engineering and communication technology	nil	6000
2018	Ms. S. D. Bandari	International Conference on electrical, electronics, Communication, Computer Technologies and optimization techniques-2018	nil	5000
2018	Ms. A. T. Mulik	IoMT.IoT and Medical Technologies	nil	1000
2018	Prof. S. A. Lawate	Mechanical machining, manufacturing monitoring using Matlab	nil	2300
2019	Prof. G. V. Shinde	International Conference on Reliability, Risk Maintenance and Engineering Management (ICRRM) 2019	nil	3500
2018	Prof. H. K. Shete	National level Seminar on Design Development of Curriculum to Enhance the Quality of outcome Based Education At TKITE Waranagar	nil	1700
2018	Mr. Awaghade S. B	Quick Heal Foundation C and C Industry perspective	nil	500
2018	Mrs. S. P. Kakade	IoMT.IoT and Medical	nil	1000

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Basics of Property Documentation	Basics of Property Documentation	03/06/2019	07/06/2019	18	3
2018	Booting	nil	06/10/2018	07/10/2018	4	0
2018	Digital Image Processing hands on with Software and Hardware platforms	nil	04/06/2018	09/06/2018	15	0
2019	IPR Patents and Innovations	nil	07/01/2019	07/01/2019	55	0
2018	Reverese Engg. 3D printing with applications	nil	16/07/2018	21/07/2018	15	0
2019	PLC Programming and SCADA	nil	11/02/2019	15/02/2019	15	0
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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
Microsoft workshop	60	11/08/2018	12/08/2018	2
National level Seminar on Design Development of Curriculum to Enhance the	2	07/12/2018	08/12/2018	2

Quality of outcome Based Education At TKITE, Waranagar				
PLC Programming and SCADA	3	11/02/2019	15/02/2019	5
FDP on Ethical hacking and Security	1	03/12/2018	03/12/2018	1
Quick Heal Foundation C and C Industry perspective	1	06/12/2018	07/12/2018	2
Digital Image Processing hands on with Software and Hardware platforms	15	04/06/2018	09/06/2018	6
Workshop on Booting	4	06/10/2018	07/10/2018	2
STTP - Basics of Property Documentation	10	03/06/2019	07/06/2019	5
IoMT.IoT and Medical Technologies	2	11/12/2018	15/12/2018	5
Orientation Programme IPR(Patents) Innovations	55	07/01/2019	07/01/2019	1
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
54	67	86	86

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Yes • Registration fees are paid by institute to attend diff. Workshop /STTP/FDP at other institute	Yes • Registration fees are paid by institute to attend diff. Workshop /STTP/FDP at other institute	• Concession in the mode of payment of fees • College bus facility is provided to students to attend pool campuses at other institutes, educational visits at nearby place etc. • College level rankers are awarded with cash prizes • University level

	rankers are awarded with concession in tuitions fee. • Emerson Scholarship and Govt. of Maharashtra Scholarship

6.4 – Financial Management and Resource Mobilization

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

The institute has established mechanisms for conducting external audits for every financial year to ensure financial compliance. An external auditor appointed by the parent trust executes the statutory audit. Statutory financial audit is conducted in the month of April /May. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, Secretary of the trust and chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled with as per procedure.

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

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

0

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	No		Yes	
Administrative	Yes	CA	No	

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

1. Parent Meet – Conducted once in a semester. 2. Parents gave Feedback on Curriculum 3. Parents Visited the student project exhibition.

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

1. Attended training program on "Developing Basic Competencies in Laboratory" at Govt. College of Engineering, Karad. by lab assistant from each department (04/02/2019 – 08/02/2019) 2. Organized soft skill program. 3. Organized personality development program.

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

1. Excellence Awards for Teaching and Nonteaching Staff. 2. Organization of National/international seminars. 3. Introduction of skill-based courses. 4. Start-up of incubation centre.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No

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	**IPR Patents and Innovations**	**07/01/2019**	**07/01/2019**	**07/01/2019**	**55**
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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
01 – Gender Equity Program	**08/03/2019**	**08/03/2019**	**150**	**50**

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
NIL

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**0**
Provision for lift	**No**	**0**
Ramp/Rails	**Yes**	**0**
Braille Software/facilities	**No**	**0**
Rest Rooms	**Yes**	**0**
Scribes for examination	**Yes**	**0**
Special skill development for differently abled students	**No**	**0**
Any other similar facility	**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	2	2	10/12/2019	180	Water Conservation	Water Conservation and Village Modernization	17
2019	1	1	29/03/2019	1	Sevarth Charitable Trust, Banawadi	Social Awareness	34
2018	11	11	10/12/2018	120	Awareness about Computer	Public Awareness	45

No file uploaded.

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Maintaining of discipline and code of conduct by student and faculty	01/01/2018	Institute makes the discipline and code of conduct amongst teacher and student through internal discipline committee. Institute used a code of conduct prepared by University.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NIL	01/07/2018	31/05/2019	0

No file uploaded.

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

No Vehicle day

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) Alumina success story. Our institute organized a successful alumina speech to address students for motivation and enrichment. Recognised alumina working in various sectors like MNCs, Government sectors, preparing for competitive examinations are invited by the institute. They share their ideas, experiences and knowledge which help students to decide their career goals in various platforms. They advise students to take advantage of institute facilities like skill development programme, motivate for participation in various intercollege competitions which enrich student's extracurricular abilities. 2) Continuous academic monitoring of the students and class. Institute has implemented continuous assessment tools for assessment of regular teaching-learning activities. One of them is the Continuous Assessment Sheet (CAS).In CAS term work marks are distributed in various fields like Regularity, Performance, Punctuality (RPP) and submission, practical, oral (SPO) in which each and every student is asses by their involvement, understanding and knowledge about practical and theory. Another tool is unit tests. In each semester 1or more unit tests are conducted and weightage of their test marks are included in final term work. Also, class and practical attendance are monthly monitored for allocation of term work marks.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://dacoe.ac.in/uploads/news/Best%20Practices(1).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

1. Institute is situated in a rural background, as the motive behind establishing this was to provide quality and outcome-based education for the students belonging to this area. Institute is striving hard to make their students competent to face challenges in today's changing world. This is achieved by conduction of various skill development programs for faculties as well as students. Institute has collaboration and tie-up with various industries for empowering placement of students. Institute is continuously making consistent efforts for the overall development of students. Various research-oriented activities are conducted to impact innovations in the field of engineering which will be indirectly helpful for society and its socio-economic development. This all activities are distinguishing us from others. 2. The institute vision is to be a premier academic institution that promotes diversity, value-added education and research, leading to sustainable innovations and transforming learners into leaders. In line with the institute vision, the department provides an "Incubation Centre" to nourish the students who have brilliant innovative ideas and those who are interested to start their own start-up companies instead of simply looking for placements. The primary purpose of the incubation centre is to facilitate the creation of ideas and inventions that benefit society and importantly, are commercially ready by the end of the incubation program. Startups accepted into DACOE's incubation centre are provided with a rigorous incubation program and also facilitates collaborations with mentors, partners, industry leaders and investment professionals. We select the top founders on campus, across all faculties, take no equity in exchange for seed funding – however, we may invest at the end of the incubation cycle. We have a leading and growing network of high-profile entrepreneurs for our startups to work with who Nurture and mentor aspiring entrepreneurs transform their innovative ideas into viable entrepreneurial initiatives through excellence and service. The main aim of providing the Incubation Centre is that if students could develop and sustain their products/services in the market, they could create new job opportunities for the society which will essentially transform them as leaders from learners. Good quality research work of students and faculty members could also get published in the National / International reputed conferences and journals. A few innovative ideas could then be converted into filing patents. In order to support this initiative, Institute encourages students to work on their Innovative / Entrepreneurship ideas by way of providing separate workspace within the campus with high-speed Internet connectivity, necessary laboratory infrastructure in terms of hardware and software, and faculty guidance. The facility is termed as Entrepreneurship Development Cell (EDC) and students get complete freedom in terms of working hours, laboratory equipment and Internet usage. It is expected that students would develop new products/services and make them commercially viable in the market. Students also receive financial assistance from the Institute in terms of seed money/encouragement awards to start their research and development work.

Provide the weblink of the institution
http://dacoe.ac.in/uploads/news/7.3.pdf

8.Future Plans of Actions for Next Academic Year

Future Plans of action for the academic year 2019-20. a. Enhancing academic excellence. b. Organization of workshop, seminar and skill-based training by the Training and Placement Unit. The college plans to organize job interviews by local companies and also organize interactive sessions of final year students with skilled professionals and alumni. c. Organization of seminar and workshop by the IQAC to promote the quality improvement strategies in teaching-learning, research, extension related and co-and extracurricular activities. d. Encouraging faculty members to complete their doctoral degrees and to continue research activities through quality publications and research projects. e. Increasing the number of environment-friendly initiatives by NSS and ensuring the participation of maximum students in such initiatives. f. Promoting the participation of students and staff in seminars, workshops, sports and cultural activities organized by the college and external agencies. g. Promoting activities such as Sports, physical exercise, meditation etc. related to the development of mental and physical fitness of students, faculty and staff. h. In order to motivate students Socially Relevant Projects have been designed and initiated.