



YEARLY STATUS REPORT - 2021-2022

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 its own campus?	Yes	
• Phone no./Alternate phone no.	02164272701	
• Mobile No:	8600339786	
• Registered e-mail	principal@dacoe.ac.in	
• Alternate e-mail	ammaitp@rediffmail.com	
• Address	Vidyanagar Extn., Banawadi	
• City/Town	Karad, Dist. Satara	
• State/UT	Maharashtra	
• Pin Code	415124	
2.Institutional status		
• Type of Institution	Co-education	
• Location	Rural	
• Financial Status	Self-financing	

• Name of the Affiliating University	Shivaji University, Kolhapur				
• Name of the IQAC Coordinator	Mr. Sunil D. Bagade				
• Phone No.	02164272701				
• Alternate phone No.	09552551565				
• Mobile	07588065638				
• IQAC e-mail address	iqac@dacoe.ac.in				
• Alternate e-mail address	sdbagade.mech@dacoe.ac.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://dacoe.ac.in/uploads/naac/AQAR%20-2020-21.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://dacoe.ac.in/uploads/academics/Academic%20Calendar%202021-22%20SEM%20I%20and%20SEM%20II.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.55	2017	28/03/2017	27/03/2022
6. Date of Establishment of IQAC			21/04/2016		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Ms.Parvin.I. Kinikar	Research Initiation Scheme	Research Initiation Scheme ,Shivaji University,Kolhapur	2022 (18 Months)	135000
Mr. Pradip Shankarao Gunavant	Research Grant To College Teacher's Scheme	Research Grant To College Teacher's Scheme, Shivaji University, Kolhapur	2021 (24 Months)	25000
Mr. Vinayak Dadasaheb Yadav	Research Grant To College Teacher's Scheme	Research Grant To College Teacher's Scheme, Shivaji University, Kolhapur	2021 (24 Months)	25000
Sports	Sports	Shivaji University Kolhapur	2021-22	34700

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none">• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none">• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
<ul style="list-style-type: none"> If yes, mention the amount 	75380/- Rs
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>Timely submission of Annual Quality Assurance Report (AQAR) to NAAC Organization. Workshop on Revised NAAC accreditation framework. Academic Administrative Audit (AAA) is conducted through the Head of Departments. Academic Audit through External Agency. Skill Development through Training and Placement Office. Institution's Innovation Council (IIC) started.</p>	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
Proposed to conduct skill development programs (soft skill and technical) for the students	Conducted training program for students as below Aptitude training, Soft skill training, Coding, Technical skill Development etc.
Proposed to improve paper publications	Faculties published paper during AY 2021-22 on their research areas. but due to pandemic number is lagging
Proposed to improve the tie-up with industries to give more industrial exposure to the students	Tie-up with Indian institution of Valuers (India), E-Keeda pvt. ltd, Bharati yuva Shakti trust, MITCON, Capture Friction, Test Book edu solutions pvt. ltd. Rsense Tech solutions pvt ltd.
Proposed to encourage HSC students about engineering fields Conducted career guidance programs for HSC students to motivate students about	Conducted career guidance programs for HSC students to motivate students about engineering field. This year our admissions are improved.

13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Body (GB)	20/01/2023
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2021-22	29/12/2022
15. Multidisciplinary / interdisciplinary	
<p>In order to ensure 360-degree development of the students - intellectual, aesthetic, social, physical, emotional, and moral in an integrated manner, the institute is motivating the students to undertake multidisciplinary projects as per the National Educational Policy 2020. Keeping in view the problems faced by the students, the institute is conducting short-term training programs. The institute is also focusing on entrepreneurship development so the student can start their own businesses/ start-up. As the institute is preparing itself to have more of multi-disciplinary courses it tries to identify the programme learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes, and values that are to be acquired by the learner and would ensure that each programme achieves its goal.</p>	
16. Academic bank of credits (ABC):	
<p>Regarding the implementation of the Academic Bank of Credits, the institution has to wait for the academic council of Shivaji University to give a green signal. The pedagogical approach of the institution is student-centric whereas the faculties' pedagogical approaches are constructivist, inquiry-based, reflective, collaborative, and integrative. Summative and Formative assessments and assignments are used to evaluate the Student's learning outcome.</p>	
17. Skill development:	
<p>The vision of the Institute is "To be a Competent Engineering Knowledge Centre for Socio-Economic Development". The Institute also celebrates National festivals like Independence Day and Republic Day. Observing various programmes like world earth day, Environment</p>	

Day, and observing the Death and Birth Anniversary of our National leaders which helps in imbibing the good qualities of the students. Mentoring students is also one of the practices of the institution, to enable students to explore future employment pathways after graduation and help them get the most out of their studies. Institute focuses on skill development amongst the students by imparting soft skills, and technical and aptitude training.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Regarding the adoption of Indian languages, the Institute is planning to offer various Indian languages courses

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The institute also makes an effort to understand that the pursuit of knowledge is a life-long activity and to acquire a positive attitude and other qualities which will lead students to a successful life. To interpret, analyze, evaluate and develop responsibility and effective citizenship is one of the programme outcomes for the students.

20.Distance education/online education:

The Institute is also preparing itself to offer vocational courses through ODL (Open Distance Learning) mode in due course of time. Keeping in view the convenience of the student, the various technological tools used by the faculties, especially during the pandemic lockdown are Google Classroom, Zoom, and Google Meet, using videos as teaching and learning aids, Group collaboration and interaction, and assignment and revision, as well as the assessments, have been conducted are some of the institutional efforts towards blended learning

Extended Profile

1.Programme

1.1 172

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1

1013

Number of students during the year

File Description	Documents
Data Template	View File

2.2

600

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	View File

2.3

331

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

61

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

48

Number of Sanctioned posts during the year

Extended Profile

1. Programme

1.1	172
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1013
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	600
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	331
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	61
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	48
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4. Institution	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	26.17
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	400
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Dr. Daulatrao Aher College of Engineering is approved by AICTE, the Directorate of Technical Education, and the Government of Maharashtra. It is affiliated with Shivaji University, Kolhapur, a state government university. Shivaji University prepares the academic calendar and provides it to the institute.

IQAC cell of the institute prepares the academic calendar for the institute keeping in view the academic calendar prepared by Shivaji University and under the same, departments also prepare academic calendars and timetables.

The allotment of courses and workload to the faculty is based on their experience and willingness. The academic record consists of the teaching plan, practical plan, faculty information, timetable, theory and practical attendance record, syllabus completion report, and continuous assessment sheet.

In order to make the students more sensitive to the environment and society, the institute deliberately selects live projects for the industry.

Institute is strengthening industry-institute interaction by inviting experts from industries. Institute arranges industry visits to understand state-of-the-art facilities and industrial activities.

The library provides E-journals, a database, a book bank facility, and OPAC to faculty and students. IQAC conducts academic audits and collects necessary feedback on the curriculum. It is analyzed and the report is communicated to the concerned BOS of the University for necessary actions.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Institute receives an academic calendar from Shivaji University, Kolhapur with which the institute is affiliated. IQAC under the guidance of the Principal prepares the Institutional academic calendar. It includes the duration of classroom teaching, internal/external examination, technical events, public holidays and other extension programs. The Head of the department in consultation with faculty members prepares the departmental academic calendar in line with the institute's academic calendar. It is made available to students and staff. Faculty strictly adhere to the academic calendar while preparing their teaching and practical plans.

Continuous Internal Evaluation includes practicals, tutorials, assignments, and class test/unit test/MSE. Assessment of practicals, tutorials, and assignments of every student is monitored through a Continuous Assessment Sheet (CAS) which is based on parameters of regularity, performance, punctuality, submission and interaction. The mid-semester Exam schedule is finalized as per the department's academic calendar. Transparency is maintained in the evaluation process.

Institute also tries to analyze the performance of the students. The class doesn't have bright students only but slower learners also. Hence, we do the frequent analysis of the performance of the students at the midterm level, and university result level and tries understand the trends. For slow learners, remedial classes are regularly carried out which is made a part of the academic calendar.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

3

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

274

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

274

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Crosscutting issues such as human values, professional ethics, gender equity and sensitization and environmental awareness are

integrated through the curriculum.

Human values and social as well as professional ethics like humanity, equality, responsibility, brotherhood, and honesty are followed by the institute. There are anti-ragging, grievance committees that help to provide ragging free environment in the Institute. Institute organizes various workshops, webinars for creating awareness about human values and professional ethics.

Our focus is on gender equality that reduces problems. We have the grievance cell, internal complaint cell, discipline committees to address complaints if there is any. Our Core values consist of gender equality. We always follow all core values as part of our quality policy. Institute organizes health awareness programs, women's day, Sharadautsav, dandiya, and different competitions to empower our girl students. There are boys and girls hostels on the campus, combine study rooms and we conduct/arrange NSS camps.

Students celebrate all festivals. A special subject of environmental studies is taught through theory and fieldwork projects to develop environmental awareness among the students. Environmental awareness is also created by NSS students through village cleanliness, water conservation and tree plantation programs. No vehicle day is organized in the institute periodically.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

39

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1041

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
 Students
 Teachers
 Employers
 Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://dacoe.ac.in/pages/feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

960

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

368

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- The faculty members of all the departments who handle regular classes identify the requirements of the advanced topics and conduct sessions on the topics in the regular class itself.
- The students of various departments are encouraged to take part in symposiums, workshops and seminars to gain knowledge in advanced topics.
- The students are encouraged to do projects and mini projects in the advanced topics under the guidance of the faculty members.
- Resource persons from industries and academic institutions are invited to deliver Guest Lectures on advanced topics for the benefit of the students.
- The Institute library provides journals and eBooks, through which the students can gain knowledge on advanced topics.
- The faculty members teach content beyond the syllabus to enrich the knowledge of the students in advanced topics.
- The institute has signed MoU with Industry & Institutes.
- Weak & bright students are motivated through a mentoring system

File Description	Documents
Link for additional Information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1013	61

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Students are trained and encouraged to participate in paper presentations/seminars and prepare project proposals and thus carry out the extension of their learning.

- Students are encouraged to contribute technical articles to develop written skills.
- Conduct seminars, guest-lectures / conferences so that the students refer to journals and reference books for seeking additional information.
- Attention is given to individual students through mentors both in academics and extra-curricular activities
- Library, internet facility and language lab for value addition.
- Various methods of experimental and participatory learning, as well as problem-solving methodologies are implemented.
- The College has adopted various student-centric pedagogical methods for enhancing the learning levels of the students.
- The teaching faculty of the College promotes experimental learning methods. The main objective of this method is to enhance & develop an experimental learning approach among the students.
- The College follows participative learning through the activities such as Industry visits/Field surveys, Group Discussions and poster presentations.
- To develop and enrich students creativity decision-making ability, critical thinking, and reasoning power, the College adopts Problem Solving Method /Collaborative Learning methods.
- NSS/NCC Camps, Cultural Events, Personality & Soft Skill Development Programmes and Skill-Based Courses/Value Added Courses are conducted to enhance the learning levels of the students.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

- The faculty members use online resources and help build online research skills, resulting in quality information obtained.
- The teacher asks students to use technology to complete assignments that ask for problem-solving and creativity on a regular basis.
- Technologies and facilities available and used by the faculty:
 - Computers with internet facilities in all departments & Wi-Fi connectivity.
 - Use of multi-media projectors, Open educational resources, use of power point presentation, Language laboratory, and NPTEL Videos.
- Printer, Scanner, Audio and Video system facilities are available
- Google classrooms and WhatsApp groups are used by teachers to share teaching materials, and important notices for the students to upgrade their knowledge.
- English Language lab with a good audio system is available for the students to improve their communication skills.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://dacoe.ac.in/uploads/naac/IQAC/ICT%20tools%20used%202021-22.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

61

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

8

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

394.75 years

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

- The institution is affiliated with Shivaji University, Kolhapur, Maharashtra and the university sets the guidelines for the evaluation process. However, the institution has set its standards to evaluate and analyze the performance of the students. The parents and students are given awareness about the evaluation process.
- Orientation Programmes for the fresh students who have joined the college are being conducted to give awareness about the study in professional colleges, examinations, and evaluation at the beginning of the semester by authorities.
- Two unit tests are conducted each semester to assess the learning levels of the students.
- Students are provided with question banks at the beginning of each semester. Results are declared within a week of the exam. Marks are displayed and communicated to the students.
- Each practical session of the student is assessed for continuous assessment with the help of a CAS sheet by the respective subject teacher
- Internal assessment of the student is measured based on factors like Regularity, Performance, Punctuality, submission, Practical & Oral.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

- After completion of the unit test, results are displayed &

answer sheets are distributed among students for self-analysis.

- Term work marks are also displayed for the students.
- Results are displayed on the notice board as well as through SMS. After the results are declared, the result analysis is carried out.
- Information is given to parents about the performance of students' CIE through phone calls and parent meetings.
- Academic Calendar is prepared by the department in line with the central academic calendar and makes it available to the students and the faculty.
- The departmental Unit Test coordinator also prepares a tentative schedule for CIE.
- It is mandatory for the students and the faculty to adhere to the academic calendar for the completion of academic activities.
- The end-semester examination schedule is given by the university.
- The university has introduced a scheme of applying for photocopies of answer scripts for revaluation and a chance to challenge the valuation. The fees for challenging the Evaluation of UG papers are through a university web portal. The university has digitalized the entire evaluation process. Being an affiliated institution, we cannot introduce any evaluation reforms of our own. We strictly follow university guidelines.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- Faculty members inform about COs of their particular subject to the students in the introductory lecture.
- Co's are also displayed on the institute website.
- The POs & COs are evaluated by the institute through Unit Tests, Project analysis

A special orientation program is conducted in the first week of the commencement of the academic year and the first lecture of

each course is devoted to motivating the students to develop a proactive attitude towards the subject.

Also, we conduct the following activities:

- Experts from the industries and research are invited for giving lectures to bridge the knowledge gap of the enrolled students.
- Special training to the students is provided by conducting add-on courses to minimize the knowledge gap of the students during the regular class itself.
- Faculty members provide extra effort to the students by giving information on contents beyond the syllabus to enrich their knowledge.
- Useful practical training is given to the students during the laboratory periods.
- Industrial/field visits are arranged for the students every year for all departments to build their strong practical knowledge to meet the future needs of the industries.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://dacoe.ac.in/uploads/naac/NAAC%20SSR/CR%202/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Institute has prepared the evaluation criteria for program outcomes and course outcomes to upgrade the academic quality of the student.

The learning outcomes attainment is calculated by using direct and indirect methods. In the direct method, the performance of students in internal examinations and university examinations is considered for the assessment of the outcome. In the indirect method of assessment, student progression and placement data are taken. The course outcomes of all the courses in the final year are mapped with program outcomes to obtain the graduate attributes.

Course Outcome (CO) assessment process:

1. Relevance of process and tools with theory subject.
2. For each subject, Course Outcomes are designed to map with Program Specific Outcomes and Program Outcomes.
3. Each question in the Mid Semester Examination is mapped with the Course Outcomes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

326

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://dacoe.ac.in/uploads/naac/IQAC/Result%20Analysis%202021-22.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

http://dacoe.ac.in/uploads/general/feedback/Student_Satisfaction_Survey_Report.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.85

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

02

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.unishivaji.ac.in/research/ShivajiUniversity

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

18

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

40

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

03

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute organizes various social activities to fulfill required social needs. With NSS Camp, the institute tries to awaken social responsibilities among the students. Cleanliness Activities are taken amongst the villages to make the villagers and students aware of cleanliness and its importance in our health. The institute also participated in the vaccination of Covid which was a major step in the efforts of eradication of covid from society. Republic Day and Independence Day are celebrated to inculcate fraternity, and equality among the students. Lectures on social topics are organized to make citizens aware of social issues. It plays a significant role in the enlightenment of the citizens about the right life skills.

Students are made aware of environmental issues with the help of the syllabus assigned to them. They are also made aware of democratic values with the help of topics assigned to them under Democratic subjects. So the students are sensitive enough to social issues based on environmental issues, democratic values and social issues. Community Services are performed with the help of contents in the curriculum assigned to them. With the help of the above-mentioned activities, the institute tries to sensitize the students about environmental, and social issues of our society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

01

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

06

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

350

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

10

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

05

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute is situated on a lush green campus with a spacious and well-ventilated built-up area. The state of infrastructure promotes a good teaching-learning environment. College management ensures the availability of adequate physical infrastructure as per AICTE norms. Time table is planned by the departments considering the optimal utilization of classrooms and laboratories.

Laboratories:

All laboratories are equipped with state-of-the-art equipment that is adequate enough to meet the requirement specified by the statutory body.

Library:

The Central library has adequate books, journals and infrastructure for e-Journals, NPTEL etc. The library has the facility of a Book-Bank scheme for needy students. Open access system (Web OPAC) which gives an idea about the availability of books to staff as well as to the students. Software is used for the issue and return of books. The Institute has a reading room facility with a well-ventilated area.

Computing Equipment:

An adequate number of computers are available on the campus and

are connected to the internet through LAN. The computers are located in different labs and are also made available to each faculty. Each department has some classrooms and labs equipped with ICT tools and other rooms are provided with mobile ICT tools.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.1.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Sports facilities for outdoor and indoor games are provided by the Department of Physical Education and Sports. Institute has a well-equipped Gymkhana. Sports activities are conducted at university as well as at zonal levels. Sports kits and tracksuits are also provided to the students.

The College has Indoor and Outdoor Sports Facilities:

1. Outdoor Games:

Playground with 11236 sq. m. for Cricket, Football, Kabbadi, Basket Ball, Badminton, Volleyball, Long Jump, and Side Jogging Track field. Cricket pitches and different courts are available for outdoor games

2. Indoor Games:

An area of 100 sq.m. is available for tennis, Badminton, Gym, Weight Lifting, Bodybuilding, Chess, Carom, Different Courts and Chess, Carom and Table Tennis boards are available. Well-equipped Gymnasium for Ladies and Men

3. Yoga

Yoga training and activities are regularly organized in the Open stage and in the Yoga hall.

4. Common facilities:

The common facilities like seminar halls are utilized for

conducting guest lectures, training, conferences and workshops and cultural activities. Institute also has an open theatre for activities like drama. Institute is having medical facilities. Institute runs yearly NSS camps at nearby villages as a social motto. Also Institute arranges regularly blood donation camps and RTO road safety sessions. As Trust belongs to the legacy of freedom fighters, every year a function is arranged in respect of freedom fighters.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

26.17

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Our college library is fully automated using Open Source Integrated Library Management System e-Granthalaya version 3.0. It is being used since 2016. e-Granthalaya is a library automation software from National Informatics Centre, Ministry of Electronics and Information Technology, Government of India. The software provides Web OPAC interface to publish the library catalogue over Internet/Intranet. Students, Faculty and other members can easily check the status of the library resources by accessing the Web OPAC (Online Public Access Catalogue) that supports advanced search strategies. Advanced search strategies provide them to search the library resources using the details of author, title, subject, ISBN, series etc. All the library documents are bar-coded (RFID System) and books are issued to users by reading the barcode of the document

Name of ILMS software

Nature of automation

Version

Year of Automation

e-Granthalaya

Partially

3.0

2016

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	http://www.dacoe.ac.in/facilities/library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

15.75

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

25

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The IT sector is one of the rapidly expanding sectors. So to provide updated facilities for the students IT infrastructure are in constant change and modification not in terms of hardware but in terms of software also. The Institute has a 15 computer Laboratory with a sufficient number of computers and these computers are made accessible to the students to inculcate the IT skill in them. The Institute is in possession of 3 laptops and 416 Desktop computers as well as useful software which are used by students, office and teaching staff for administrative and academic purposes. The Institute also having with other ICT equipment such as printers, and scanners in adequate numbers and are used for the sake of the students as well as staff. A total of 13 ICT enabled classrooms are available in the institute. The Institute procured 22 LCD projectors for ICT-enabled Classrooms, seminar halls, and laboratories. LCD projectors are used by the faculty for effective teaching with PowerPoint presentations, videos etc.

The Institute has an Intranet with a 1Gbps fiber optic backbone network with D-link manageable switches supplemented with wi-fi support given by 10 access points with 24*7 availability. Internet bandwidth of 32Mbps in 2016 was enhanced to 48Mbps in 2017, 2018 and 2019 and upgraded recently in 2021 to 100 Mbps The Institute campus is under CCTV surveillance to ensure transparency as well as safety. The campus and classrooms have a total of 90 surveillance cameras installed at various places.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

400

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

26.17

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

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. Institute has its own policy to collect requirements from concerned departments and sections. The budget is prepared, discussed and put for approval in Local

Management Committee and Governing Body meetings. After the approval, the same is implemented.

The infrastructural facilities like classrooms, laboratories are available to the students. 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. Institute has 120 KVA generator. The institute has purchased equipment like computers, the latest hardware & software, LCD projectors, furniture, air conditioners and water coolers. A transport facility is made available to the students, faculty and staff members.

Infrastructure facility like computer laboratory is well equipped with computers with the latest configuration and Internet facility. The Institute's library is also well stocked with books & journals, e-learning material such as CDs and DVDs of digital books, a 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. The Computer laboratories have the latest hardware and software to match the latest development in the field of IT.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

981

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

11

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Data Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	http://dacoe.ac.in/uploads/naac/IOAC/5.1.3-capacitybuilding%20and%20skills%20enhancementinitiatives%20pgms.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

132

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

132

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

132

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

02

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

20

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students being an important stakeholders for whom all the stakeholders are working with the aim to meet the vision of the institute. Students are important stakeholders their representation and engagement in various administrative, co-curricular and extracurricular activities are always ensured at every level. The institute facilitates the 360-degree development of the students. Student representation is always there in the committees mentioned below.

Levels of student involvement:

- **Academic and Administrative planning:**
 - Internal Quality Assurance Committee
 - College Development Committee
 - Departmental Academic Advisory Committee
 - Student Council (Upto 2016-17)
- **Discipline regulatory & Monitoring unit:** These committees are formed to imbibe discipline among the students with their representation.
 - Anti-Ragging Committee.
 - Student Grievances and Redressal Committee
 - Woman Welfare
 - Internal Complaint Committee
- **Co-curricular and Extracurricular:** Co-curricular and extracurricular activities provide the dice for the students to showcase their managerial capacities, team building and leadership qualities.
 - Cultural Committee, Gymkhana Committee & NSS Committee
 - Library, Canteen, Magazine Committee.
 - Hostel and Health Care Committee.
- **Others:** The student associations are formed and managed by students only at the departmental level.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/IQAC/5.3.2.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, The DACOE, Alumni Association, Karad is registered with the government at Charity Commissioner Office in Satara district having registration number MAHARASHTRA|15652|SATARA in the year 2015. It is a very proactive group with the following structure

- President - Dr. A. M. Mulla
- Vice President - Prof. P. S. Mohite
- Secretary - Prof. P. D. Bansode
- Treasurer - Dr. V. M. Jamadar,
- Members - Mr. Swapnil Annaso Pidde,

Mr. Sudhant Balasaheb Bhilare,

Ms. Ketaki Rajendra Prabhune.

Alumni are important stakeholders to contribute actively to the overall development of the Institute. The various activities are conducted under the alumni association as follows:

1. Alumni Interaction: It is arranged between present students and alumni to find out new technocrats' measure challenges, skills set requirements and changes in expectations of technocrats.

2. The alumni promised to bridge the gap between academia and

corporate, to help regularly so as to provide more opportunities for employment at both national and international levels.

Alumni provides financial support, sponsor various events which help the students to sail smoothly, provides training and shares the latest happening in the corporate world which boost the confidence of budding technocrats, gifted books, paintings, first-aid box etc.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/IQAC/5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Institute vision and mission-

- **Vision:**

To be a Competent Engineering Knowledge Centre for Socio-Economic Development.

- **Mission:**

1. Empowering students with knowledge, essential technical skills & ethical values.
2. Fostering effective interaction & networking with all stakeholders for the benefit & continuous development of the profession and society.
3. Creating professional and responsible engineers for research, entrepreneurship and leadership.

Activities:

1. Management supports faculty and students to generate funds/sponsorship for organizing seminars, workshops, and community initiatives and motivates them for research activities.
2. With regular curricular academic activities, the institute organizes extracurricular activities N.S.S., expert talks.
3. The students are encouraged through participation in group discussions, seminars and several relevant workshops under the Lead College Scheme of SUK and competitions.
4. The institute uses a feedback system, alumni network and interaction with industries, government and non-government organizations for training students in career planning, internships, and placements.
5. The Institute provides technical, aptitude training, communication skill training and career counseling. Institute runs career-oriented courses based on global needs and provides job opportunities through placement cells.
6. Teachers play an important role in the management, governing body and decision-making bodies of the institution. They also participate in administrative and executive processes.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/6.1.1%20Vision%20Mission.pdf
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute continued with decentralization practices and participative management at various levels.

- Institute has a 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 delegation of powers.

- The Vice Principal, HODs, Administrative Head, and Section in charge and coordinators of various cells/committees in the decision-making process of the Institute assist the Principal of the Institute.
- Faculty and staff are assigned roles and responsibilities to work in a harmonious, transparent environment.
- IQAC has a well-developed process to ensure quality benchmarks to meet the requirements of accreditation bodies.
- The Placement and Industry Institute Interactions of the Institute are coordinated by Dean III and the Training and Placement Officer.
- Research and Consultancy activities are governed by the Dean Research and Development.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/6.2.1%20DA COE_Perspective_Plan.pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Perspective Plan:

- To maintain continuously good academic performance
- To develop and execute an effective teaching-learning process To encourage research culture in faculty and students
- To develop a comprehensive system of student mentoring and student support and ensure transparency in the evaluation process of students
- To empower faculty about emerging trends in their profession for academic advancement
- To facilitate a friendly, efficient and flawless administrative set up ensuring a smooth day-to-day functioning

The focus of Strategic Plan:

To make students more employable, in view of the strategic plans, the institute has a perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society. Following activities successfully implemented to make students more employable.

Training & Placement activities are crucial for engineering graduates. Along with academic shutouts should be trained as per industry requirements. As per corporate requirements, the following training is imparted for the employability

- Aptitude Training
- Soft Skills / Communications Skills
- Coding Training
- Mock interviews H R / M R
- Industry Person expert lectures/guest lectures

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Through the practical experience of management has been designed in a scientific and transparent manner to obtain the best results from it. Hierarchical clusters were created from top management down the level to clearly delineate duties, responsibilities, accountability, and powers at each stage. Dr. Daulatrao Aher College of Engineering, established in the year 2008, has a broad

Vision and Mission that focuses on a competent engineering knowledge center for socio-economic development for quality teaching in engineering so as to bridge the gap between the industry, society and academia.

The institute follows a democratic and participatory approach of governance for achieving its goals. All stakeholders participate actively in the administration of the institute. The overall corporate governance structure is classified as "Academies" and "Administration". With greater consideration of all stakeholders over students an effective management system is organized. The Institute has formed various committees at the institute and department levels for the effective functioning of the organization. The objectives and functions of the committees are organized according to the instructions of the head of the institution.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://dacoe.ac.in/uploads/naac/College%20Organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The Institute provides:

- A moral, healthy and competitive, academic driven, student centered, supportive and professional work environment to its faculty
- All the service conditions are as per the government of Maharashtra MCSR
- Encouragement to present and publish research papers
- Registration fees, TA/DA provided for attending Workshops/ FDP/ STTP etc.
- A chance to get higher education
- Gratuity for teaching and non-teaching staff
- Availability of health care facility at K. N. Gujar Hospital Karad
- ATM facility is made available in the campus
- Hostel facility
- The institute also provides various leaves like Casual leaves, Medical leaves, Special leaves to both teaching and non-teaching staff members
- The institute gives concession in fees to the wards of employees who take their admissions in the institute
- Seminars, training programs, FDPs are organized by the institute for faculty enrichment purpose
- Festival bonus is distributed to eligible employees
- The institute provides training on laboratory skills, fire safety, and first aid for technical/non-teaching staff
- Encouragement to get computer skills to non-teaching staff
- Recreation programs and sports are arranged
- Staff quarters are available in campus
- Canteen facility

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

06

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

03

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

38

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has performance based appraisal system for the assessment of teaching and nonteaching staff. The performance of each employee is assessed annually at the end of academic year. The appraisal report is based on the annual performance of the employees on the basis of their academics and extra-curricular activities.

The teacher's performance is assessed for:

Category I: Teaching, Learning, and Evaluation Related Activities

Category II: Co-curricular, Extension & Professional Development Activities

Category III: Research and Development.

Category IV: Additional Work (Admission and IRG)

Performance appraisal system for teaching-staff:

The institute has Academic Performance Indicator (API) for the teaching staff following UGC regulations, 2010 and four amendments thereafter. Currently the institute follows the guidelines of AICTE regulation. Every academic year HOD collects the API forms from all the faculty members. The faculty performance is assessed by the HOD and the Principal on the basis of API and take necessary action for the improvement.

Performance appraisal system for non-teaching staff:

Confidential reports - The overall performance of the non-teaching staff is evaluated by the registrar, heads of the concerned departments and the confidential report is submitted to the Principal for the final evaluation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Financial planning and management is the foresight of the institution in strategizing its growth and development activities. The institution conducts regular internal audits from the authorized auditors. The institute has established mechanism for conducting external audit in 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 in June/July and audited statements are prepared in June/July duly signed by the Principal, Secretary of the trust and chartered accountant.

Mobilization of funds in the institute is through resource and fund mobilization policy. The primary source is through collection of tuition fees, revenue generated through the financial grants and the consultancy works.

External Audit: Certified external auditor is appointed to audit regularly. The institute auditor conducts the audit of accounts annually, scrutinizes and verifies all payments, receipts and journals vouchers of the transactions, cash books, ledger account, and all bank accounts.

No.

Year of audit

Date of audit

Type of audit

Auditor

1

2015-16

30/06/2016

External

B.R.Sawant

& co. (CA)

2

2016-17

31/08/2017

3

2017-18

27/08/2018

4

2018-19

24/08/2019

5

2019-20

18/11/2020

6

2020-21

23/10/2021

7

2021-22

05/09/2022

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.347

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Mobilization of Funds

The main financial resource for the institute is tuition fee. It is fixed and based on the preceding, the previous year's expenditure. The institution furnishes all the relevant details of the expenditure and projections for every year to the State Fee Regulatory Authority which fixes the tuition fee of the institute every year. Hence, the major resource mobilization depends on the fee fixation done by the State Fee Regulatory Authority. Trust provides necessary funds in deficit.

Strategies for Mobilization of Funds

- Prior to the academic year, Principal and Heads prepare the institute budget
- The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance charges
- It includes non-recurring expenses e.g. lab equipment purchases, furniture, other development expenditures
- The budget is scrutinized and approved by the management and governing Council
- Account department and Purchase Committee monitor whether expenses are exceeding budget provision

Utilization of Funds

- Employee's salary
- Effective teaching-learning practices that include induction and orientation programs, workshops, inter-disciplinary activities, training programs, refresher courses, faculty development programs, conferences etc.
- Purchase of lab development equipment
- Development and maintenance of infrastructure

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Institute inculcates value, ethics, educational quality and skills in students through a focus on imparting quality education, through comprehensive and outcome-based education policy.

Two practices institutionalized at our institute with IQAC are:

I. Academic and Administrative Audit (AAA)

The administrative/financial audit is carried out through external agency. The academic audit is conducted by academic coordinators every year for fulfillment of IQAC-driven practices toward quality assurance. The audit evaluates the following procedures-

- The academic coordinators assess the documents related to preparation of academic calendar, selection of papers to be taught, timely distribution of time-table, submission of lesson plan, teaching methodology, use of ICT tools, etc.
- Documents of internal assessment, policy for answer book moderation, and analysis of the results of end-semester examinations are examined meticulously.
- If the laboratories in the institute follow proper procedure, conduct stock verification of laboratory equipment and consumables, and examine the status of the AMC of equipment.

II. Feedback mechanism

The IQAC at our institute has implemented a feedback system for students based on institutional parameters such as curriculum delivery, pedagogy, discipline and environment, staff and support, and so on. Feedback system is crucial to institutional progress as it allows self-reflexivity and reform.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Academic Audit, the primary teaching-learning review conducted every semester by each department.

Two institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

I. Academic Diary:

For the proper planning of teaching, each teacher is provided with an academic diary that contains timetable, annual/semester wise

teaching plan, workload, syllabus completion summary, and academic/administrative committee responsibilities. Every teacher has to maintain an individual Academic Diary to record the day to day teaching-learning activities. The Academic Diary gives an overall summary of the topics covered by the teacher in each class per course, per semester. The individual teacher's diary is verified by HoD of the concerned department and is then submitted to the principal for final assessment.

II. Adoption of New Technology for Teaching-learning enhancement

On the basis of the feedback received from faculty and students it was envisaged that there was a need for introducing the usage of new technology

- Use of ICT in teaching and learning is encouraged
- IQAC has organized NAAC sponsored national seminar
- Internet and Wi-Fi facilities are improved
- LCD projectors installed in classrooms
- Software's are made available for students
- Faculties encouraged developing learning resources

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://dacoe.ac.in/uploads/naac/Annual%20Academic%20Reports%20old.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute believes that gender equity neutrality for the progress of society. Hence on campus, there is no place for negative action like harassment and ragging

The Institute is deeply sensitive towards gender equity and sensitive behavior towards fellow students and stakeholders and has undertaken numerous initiatives to provide a safe and discrimination-free environment for students from all walks of life while attempting to inculcate a sense of social equity and positive perception in all its stakeholders.

Facilities and provisions for the safety and well-being of women :

- There is a separate common room for female students with all the necessary facilities.
- CCTV cameras are installed at strategic locations for continuous surveillance of the premises and for heightening security in the Institute.
- The Institute has a Student Grievance Committee against harassment with its composition as per the guidelines of AICTE.
- In addition, the Institute has a duly constituted Anti-Ragging Committee, and Discipline Committee, to ensure safety and to protect the interests of students.
- Relaxation in Fees for economically weaker students (female students) is one of the many initiatives by the Institute
- The Institute has installed sanitary napkin dispensers on

the campus

File Description	Documents
Annual gender sensitization action plan	http://dacoe.ac.in/uploads/dptcivil/NAAC/2021-22%20action%20plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://dacoe.ac.in/uploads/dptcivil/NAAC/Photos%207.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management:

In the institute, solid waste is collected in dustbins that are there for wet and dry solid waste separately. the solid waste is transferred to Banavadi Grampanchayat Solid Waste Management Plant.

The processing of the solid waste is done by Banavadi Grampanchayat independently. In association with Banavadi Grampanchayat, we are continuously and actively participating in various campaigns such as Swacha Bharat Abhiyan, Tree Plantation, etc.

E-waste management:

In our institute, E-waste is collected through a standard

procedure defined by the institutional Maintenance cell and Computing Facility.

The E-waste collected from all departments is transferred to Galaxy Infotech, Karad.

Required processing on the E-waste is done by Galaxy Infotech, Karad independently. We have a collaboration with galaxy Infotech, Karad. To extend experience in recycling and disposing of E-waste in an environmentally safe manner.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://dacoe.ac.in/uploads/dptcivil/NAAC/Degradable%20and%20Non-converted.pdf
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction
of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution
system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute has implemented several measures to make the Institute an inclusive campus.

Measures for equal opportunities:

Institute strictly follows the reservation policies laid out by the Government of India for admissions of students and appointments of teaching and non-teaching staff.

The National Service Scheme (NSS) volunteers also assist various villages with Swachta Bharat Abhiyan Programme, Plantation, etc.

Students from a low socio-economic spectrum are granted fee concessions every academic year. The Institute also promotes several financial assistance/scholarships provided by the Government of India, state governments and non-governmental organizations to facilitate access to financial assistance among students.

Mentor-mentee meetings are held regularly and students are encouraged to share their problems - academic or personal - with their mentors. Dedicated teacher-mentor are assigned to students.

Promotion of diversity and inclusivity:

Institute promotes cultural plurality and inclusivity on campus. In an effort to unite all cultures, many events are organized to promote cultural diversity. Some of the events organized by the Institute are:

Annual gathering

Traditional day celebration

Late Bhai Gujar Chashak (Cricket Tournament)

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Institute has taken initiative to sensitize and inculcate values, rights, duties and responsibilities of citizens through activities mainly organized by the National Service Scheme (NSS), the Staff/Student Grievance Committee, the Anti-ragging committee, the Discipline Committee and department, various student clubs. Institute takes consistent efforts to inculcate values among students. The institute always put its best towards the overall development of the students by organizing expert lecture which helps in the holistic development of the students. Sensitization of students and employees of the Institution to the constitutional obligations is done through extra-curricular activities by conducting programs.

Institute creates awareness about human Rights as per constitutional obligation and supervises the development activities of the students to sensitize women's rights and gender equity through various activities like women's day celebrations. A comfortable girls' and students' common room has been established in the college to facilitate the students in their free slots of time during college hours. NSS units take remarkable efforts to celebrate constitutional day also, students and employees are sensitized about constitutional obligations related to duties and responsibilities through the activities such as yoga and physical exercises & conduct student camps.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff.

4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Dr. Daulatrao Aher College celebrates national and international commemorative days to inculcate constitutional responsibilities, to instill patriotic spirit and to foster unity among fellow citizens.

- Independence and Republic Day are celebrated in the college by hoisting the Indian flag on 15 August and 26 January.
- International Women's Day is celebrated on 8 March. On this occasion, Guest lectures are organized in the college to encourage women-power.

- International Yoga Day is celebrated on 21 June to mark the practice of self-discipline and the tradition of well-being.
- No vehicle day is celebrated in college to reduce air pollution and to promote walking/cycling along with a safer environment.
- Dr. Babasaheb Ambedkar Jayanti was celebrated on 14 April in our institute to remember his contribution in Indian Law and the constitution.
- World science day is celebrated in college to highlight the important role that scientists play in society. On that day college organizes various activities like poster presentations, paper presentations, debates and science exhibitions.
- Shiv Jayanti and Shivpratap Diwas are celebrated in February and November to honor the great Maratha emperor.
- National youth day is celebrated on 12 January to honor the ideals and thoughts of Swamiji Vivekananda in youth.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1

1. Title of the Practice: Student skill development Cell

2. Objectives of the Practice: To improve students' technical skills, and academic performance and to engage them in the present scenario.

3. The Context: Students are provided with the requisite training to them.

4. The Practice: Skill Development Cell is to bridge the gap between academia and industry and to train the students for the

required skill sets. T

5. Evidence of Success:

Year No. of students Placed 2017-18 75 2018-19 84 2019-20 70
2020-21 100 2021-22 130

6. Problems Encountered and Resources Required: The institute supports financially poor students by offering affordable skill development programs and training in-house.

Best Practice 2

1. Title of the Practice: 2. Environmental Consciousness & Sustainability

2. Objectives of the Practice: The Green Campus initiative began with the objective of fostering a culture of eco-friendly practices and making the campus environmentally sustainable.

3. The Context: DACOE has been constantly working towards creating and maintaining an eco-friendly and clean campus. A variety of species of grasses, herbs, shrubs, and trees are planted.

4. The Practice:

- Plantation of Trees.
- LED Bulb inside the campus.
- NSS conducts extension activity.
- The E-waste generation is minimal on campus.
- Celebrations of International Yoga Day and Yoga Shivar.
- Anti-tobacco campaign

5. Evidence of Success: Infrastructure

6. Problems Encountered and Resources Required: Pandemic effect.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust

within 200 words

Academics and sports complement each other, and it has been long forgotten by parents and students alike the significance of both in the growth of a student. Sports and academic learning if carried out together increase the potential and eventually shapes the personality of a student. DACOE focuses on the overall development of students equally. With a well-equipped gymnasium, the campus provides facilities for both indoor and outdoor sports. The utilization of sports in education and training is a holistic and multidimensional issue. They are trained by Physical Directors to participate in sports events conducted at various levels. Resource persons were invited for practice sessions, guidance, and workshops.

The college boasts of a number of indoor as well as outdoor facilities for the training and practice of the students, The institute provides them with a state-of-the-art, gymnasium, table tennis, badminton, Kho-Kho, swimming, chess, volleyball, etc courts for consistent training. The institute organizes the State-level Inter College Cricket Championship. Both girls' and boys' cricket teams take part in various tournaments like the All India Inter-University Level Championships of chess, cricket, Kho-Kho, and so on. The ranks secured by our students in the various sports at the university level, zonal sports and inter-zonal sports are remarkable.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Dr. Daulatrao Aher College of Engineering is approved by AICTE, the Directorate of Technical Education, and the Government of Maharashtra. It is affiliated with Shivaji University, Kolhapur, a state government university. Shivaji University prepares the academic calendar and provides it to the institute.

IQAC cell of the institute prepares the academic calendar for the institute keeping in view the academic calendar prepared by Shivaji University and under the same, departments also prepare academic calendars and timetables.

The allotment of courses and workload to the faculty is based on their experience and willingness. The academic record consists of the teaching plan, practical plan, faculty information, timetable, theory and practical attendance record, syllabus completion report, and continuous assessment sheet.

In order to make the students more sensitive to the environment and society, the institute deliberately selects live projects for the industry.

Institute is strengthening industry-institute interaction by inviting experts from industries. Institute arranges industry visits to understand state-of-the-art facilities and industrial activities.

The library provides E-journals, a database, a book bank facility, and OPAC to faculty and students. IQAC conducts academic audits and collects necessary feedback on the curriculum. It is analyzed and the report is communicated to the concerned BOS of the University for necessary actions.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Institute receives an academic calendar from Shivaji University, Kolhapur with which the institute is affiliated. IQAC under the guidance of the Principal prepares the Institutional academic calendar. It includes the duration of classroom teaching, internal/external examination, technical events, public holidays and other extension programs. The Head of the department in consultation with faculty members prepares the departmental academic calendar in line with the institute's academic calendar. It is made available to students and staff. Faculty strictly adhere to the academic calendar while preparing their teaching and practical plans.

Continuous Internal Evaluation includes practicals, tutorials, assignments, and class test/unit test/MSE. Assessment of practicals, tutorials, and assignments of every student is monitored through a Continuous Assessment Sheet (CAS) which is based on parameters of regularity, performance, punctuality, submission and interaction. The mid-semester Exam schedule is finalized as per the department's academic calendar. Transparency is maintained in the evaluation process.

Institute also tries to analyze the performance of the students. The class doesn't have bright students only but slower learners also. Hence, we do the frequent analysis of the performance of the students at the midterm level, and university result level and tries to understand the trends. For slow learners, remedial classes are regularly carried out which is made a part of the academic calendar.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University

A. All of the above

Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

3

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

274

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

274

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Crosscutting issues such as human values, professional ethics, gender equity and sensitization and environmental awareness are integrated through the curriculum.

Human values and social as well as professional ethics like humanity, equality, responsibility, brotherhood, and honesty are followed by the institute. There are anti-ragging, grievance committees that help to provide ragging free environment in the Institute. Institute organizes various workshops, webinars for creating awareness about human values and professional ethics.

Our focus is on gender equality that reduces problems. We have the grievance cell, internal complaint cell, discipline committees to address complaints if there is any. Our Core values consist of gender equality. We always follow all core values as part of our quality policy. Institute organizes health awareness programs, women's day, Sharadautsav, dandiya, and different competitions to empower our girl students. There are boys and girls hostels on the campus, combine study rooms and we conduct/arrange NSS camps.

Students celebrate all festivals. A special subject of environmental studies is taught through theory and fieldwork projects to develop environmental awareness among the students. Environmental awareness is also created by NSS students through village cleanliness, water conservation and tree plantation

programs. No vehicle day is organized in the institute periodically.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

39

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1041

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://dacoe.ac.in/pages/feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

960

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

368

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

- The faculty members of all the departments who handle regular classes identify the requirements of the advanced topics and conduct sessions on the topics in the regular class itself.
- The students of various departments are encouraged to take part in symposiums, workshops and seminars to gain knowledge in advanced topics.
- The students are encouraged to do projects and mini projects in the advanced topics under the guidance of the faculty members.
- Resource persons from industries and academic institutions are invited to deliver Guest Lectures on advanced topics for the benefit of the students.
- The Institute library provides journals and eBooks, through which the students can gain knowledge on advanced topics.
- The faculty members teach content beyond the syllabus to enrich the knowledge of the students in advanced topics.
- The institute has signed MoU with Industry & Institutes.
- Weak & bright students are motivated through a mentoring

system

File Description	Documents
Link for additional Information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1013	61

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Students are trained and encouraged to participate in paper presentations/seminars and prepare project proposals and thus carry out the extension of their learning.

- Students are encouraged to contribute technical articles to develop written skills.
- Conduct seminars, guest-lectures / conferences so that the students refer to journals and reference books for seeking additional information.
- Attention is given to individual students through mentors both in academics and extra-curricular activities
- Library, internet facility and language lab for value addition.
- Various methods of experimental and participatory learning, as well as problem-solving methodologies are implemented.
- The College has adopted various student-centric pedagogical methods for enhancing the learning levels of the students.
- The teaching faculty of the College promotes experimental learning methods. The main objective of this method is to enhance & develop an experimental learning approach among the students.

- The College follows participative learning through the activities such as Industry visits/Field surveys, Group Discussions and poster presentations.
- To develop and enrich students creativity decision-making ability, critical thinking, and reasoning power, the College adopts Problem Solving Method /Collaborative Learning methods.
- NSS/NCC Camps, Cultural Events, Personality & Soft Skill Development Programmes and Skill-Based Courses/Value Added Courses are conducted to enhance the learning levels of the students.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

- The faculty members use online resources and help build online research skills, resulting in quality information obtained.
- The teacher asks students to use technology to complete assignments that ask for problem-solving and creativity on a regular basis.
- Technologies and facilities available and used by the faculty:
 - Computers with internet facilities in all departments & Wi-Fi connectivity.
 - Use of multi-media projectors, Open educational resources, use of power point presentation, Language laboratory, and NPTEL Videos.
- Printer, Scanner, Audio and Video system facilities are available
- Google classrooms and WhatsApp groups are used by teachers to share teaching materials, and important notices for the students to upgrade their knowledge.
- English Language lab with a good audio system is available for the students to improve their communication skills.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://dacoe.ac.in/uploads/naac/IQAC/ICT%20tools%20used%202021-22.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

60

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

61

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

8

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

394.75 years

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

- The institution is affiliated with Shivaji University, Kolhapur, Maharashtra and the university sets the guidelines for the evaluation process. However, the institution has set its standards to evaluate and analyze the performance of the students. The parents and students are given awareness about the evaluation process.
- Orientation Programmes for the fresh students who have joined the college are being conducted to give awareness about the study in professional colleges, examinations, and evaluation at the beginning of the semester by authorities.
- Two unit tests are conducted each semester to assess the learning levels of the students.
- Students are provided with question banks at the beginning of each semester. Results are declared within a week of the exam. Marks are displayed and communicated to

the students.

- Each practical session of the student is assessed for continuous assessment with the help of a CAS sheet by the respective subject teacher
- Internal assessment of the student is measured based on factors like Regularity, Performance, Punctuality, submission, Practical & Oral.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

- After completion of the unit test, results are displayed & answer sheets are distributed among students for self-analysis.
- Term work marks are also displayed for the students.
- Results are displayed on the notice board as well as through SMS. After the results are declared, the result analysis is carried out.
- Information is given to parents about the performance of students' CIE through phone calls and parent meetings.
- Academic Calendar is prepared by the department in line with the central academic calendar and makes it available to the students and the faculty.
- The departmental Unit Test coordinator also prepares a tentative schedule for CIE.
- It is mandatory for the students and the faculty to adhere to the academic calendar for the completion of academic activities.
- The end-semester examination schedule is given by the university.
- The university has introduced a scheme of applying for photocopies of answer scripts for revaluation and a chance to challenge the valuation. The fees for challenging the Evaluation of UG papers are through a university web portal. The university has digitalized the entire evaluation process. Being an affiliated institution, we cannot introduce any evaluation reforms of our own. We strictly follow university guidelines.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- Faculty members inform about COs of their particular subject to the students in the introductory lecture.
- Co's are also displayed on the institute website.
- The POs & COs are evaluated by the institute through Unit Tests, Project analysis

A special orientation program is conducted in the first week of the commencement of the academic year and the first lecture of each course is devoted to motivating the students to develop a proactive attitude towards the subject.

Also, we conduct the following activities:

- Experts from the industries and research are invited for giving lectures to bridge the knowledge gap of the enrolled students.
- Special training to the students is provided by conducting add-on courses to minimize the knowledge gap of the students during the regular class itself.
- Faculty members provide extra effort to the students by giving information on contents beyond the syllabus to enrich their knowledge.
- Useful practical training is given to the students during the laboratory periods.
- Industrial/field visits are arranged for the students every year for all departments to build their strong practical knowledge to meet the future needs of the industries.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://dacoe.ac.in/uploads/naac/NAAC%20SSR/CR%202/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Institute has prepared the evaluation criteria for program outcomes and course outcomes to upgrade the academic quality of the student.

The learning outcomes attainment is calculated by using direct and indirect methods. In the direct method, the performance of students in internal examinations and university examinations is considered for the assessment of the outcome. In the indirect method of assessment, student progression and placement data are taken. The course outcomes of all the courses in the final year are mapped with program outcomes to obtain the graduate attributes.

Course Outcome (CO) assessment process:

1. Relevance of process and tools with theory subject.
2. For each subject, Course Outcomes are designed to map with Program Specific Outcomes and Program Outcomes.
3. Each question in the Mid Semester Examination is mapped with the Course Outcomes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

326

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://dacoe.ac.in/uploads/naac/IQAC/Result%20Analysis%202021-22.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<http://dacoe.ac.in/uploads/general/feedback/Student Satisfaction Survey Report.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.85

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and

non-government agencies during the year**02**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.unishivaji.ac.in/research/ShivajiUniversity

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year****18**

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year****40**

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

03

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute organizes various social activities to fulfill required social needs. With NSS Camp, the institute tries to awaken social responsibilities among the students. Cleanliness Activities are taken amongst the villages to make the villagers and students aware of cleanliness and its importance in our health. The institute also participated in the vaccination of Covid which was a major step in the efforts of eradication of covid from society. Republic Day and Independence Day are celebrated to inculcate fraternity, and equality among the students. Lectures on social topics are organized to make citizens aware of social issues. It plays a significant role in the enlightenment of the citizens about the right life skills.

Students are made aware of environmental issues with the help of the syllabus assigned to them. They are also made aware of democratic values with the help of topics assigned to them under Democratic subjects. So the students are sensitive enough to social issues based on environmental issues, democratic values and social issues. Community Services are performed with

the help of contents in the curriculum assigned to them. With the help of the above-mentioned activities, the institute tries to sensitize the students about environmental, and social issues of our society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

01

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

06

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

350

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

10

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

05

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute is situated on a lush green campus with a spacious and well-ventilated built-up area. The state of infrastructure promotes a good teaching-learning environment. College management ensures the availability of adequate physical infrastructure as per AICTE norms. Time table is planned by the departments considering the optimal utilization of classrooms and laboratories.

Laboratories:

All laboratories are equipped with state-of-the-art equipment that is adequate enough to meet the requirement specified by the statutory body.

Library:

The Central library has adequate books, journals and infrastructure for e-Journals, NPTEL etc. The library has the facility of a Book-Bank scheme for needy students. Open access system (Web OPAC) which gives an idea about the availability of books to staff as well as to the students. Software is used for the issue and return of books. The Institute has a reading room facility with a well-ventilated area.

Computing Equipment:

An adequate number of computers are available on the campus and are connected to the internet through LAN. The computers are located in different labs and are also made available to each faculty. Each department has some classrooms and labs equipped with ICT tools and other rooms are provided with mobile ICT tools.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.1.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Sports facilities for outdoor and indoor games are provided by the Department of Physical Education and Sports. Institute has a well-equipped Gymkhana. Sports activities are conducted at university as well as at zonal levels. Sports kits and tracksuits are also provided to the students.

The College has Indoor and Outdoor Sports Facilities:

1. Outdoor Games:

Playground with 11236 sq. m. for Cricket, Football, Kabbadi, Basket Ball, Badminton, Volleyball, Long Jump, and Side Jogging Track field. Cricket pitches and different courts are available for outdoor games

2. Indoor Games:

An area of 100 sq.m. is available for tennis, Badminton, Gym, Weight Lifting, Bodybuilding, Chess, Carom, Different Courts and Chess, Carom and Table Tennis boards are available. Well-equipped Gymnasium for Ladies and Men

3. Yoga

Yoga training and activities are regularly organized in the Open stage and in the Yoga hall.

4. Common facilities:

The common facilities like seminar halls are utilized for conducting guest lectures, training, conferences and workshops and cultural activities. Institute also has an open theatre for activities like drama. Institute is having medical facilities. Institute runs yearly NSS camps at nearby villages as a social motto. Also Institute arranges regularly blood donation camps and RTO road safety sessions. As Trust belongs to the legacy of freedom fighters, every year a function is arranged in respect of freedom fighters.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://dacoe.ac.in/uploads/naac/CR4/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

26.17

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Our college library is fully automated using Open Source Integrated Library Management System e-Granthalaya version 3.0. It is being used since 2016. e-Granthalaya is a library automation software from National Informatics Centre, Ministry of Electronics and Information Technology, Government of India. The software provides Web OPAC interface to publish the library catalogue over Internet/Intranet. Students, Faculty and other members can easily check the status of the library resources by accessing the Web OPAC (Online Public Access Catalogue) that supports advanced search strategies. Advanced search strategies provide them to search the library resources using the details of author, title, subject, ISBN, series etc. All the library documents are bar-coded (RFID System) and books are issued to users by reading the barcode of the document

Name of ILMS software

Nature of automation

Version

Year of Automation

e-Granthalaya

Partially

3.0

2016

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	http://www.dacoe.ac.in/facilities/library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

15.75

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

25

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The IT sector is one of the rapidly expanding sectors. So to provide updated facilities for the students IT infrastructure are in constant change and modification not in terms of hardware but in terms of software also. The Institute has a 15 computer Laboratory with a sufficient number of computers and these computers are made accessible to the students to inculcate the IT skill in them. The Institute is in possession of 3 laptops and 416 Desktop computers as well as useful software which are used by students, office and teaching staff for administrative and academic purposes. The Institute also having with other ICT equipment such as printers, and scanners in adequate numbers and are used for the sake of the students as well as staff. A total of 13 ICT enabled classrooms are available in the institute. The Institute procured 22 LCD projectors for ICT-enabled Classrooms, seminar halls, and laboratories. LCD projectors are used by the faculty for effective teaching with PowerPoint presentations, videos etc.

The Institute has an Intranet with a 1Gbps fiber optic backbone network with D-link manageable switches supplemented with wi-fi support given by 10 access points with 24*7 availability. Internet bandwidth of 32Mbps in 2016 was enhanced to 48Mbps in 2017, 2018 and 2019 and upgraded recently in 2021 to 100 Mbps. The Institute campus is under CCTV surveillance to ensure transparency as well as safety. The campus and classrooms have a total of 90 surveillance cameras installed at various places.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

400

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

26.17

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

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. Institute has its own policy to collect requirements from concerned departments and sections. The budget is prepared, discussed and put for approval in Local Management Committee and Governing Body meetings. After the approval, the same is implemented.

The infrastructural facilities like classrooms, laboratories are available to the students. 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. Institute has 120 KVA generator. The institute has purchased equipment like computers, the latest hardware & software, LCD projectors, furniture, air conditioners and water coolers. A transport facility is made available to the students, faculty and staff members.

Infrastructure facility like computer laboratory is well equipped with computers with the latest configuration and Internet facility. The Institute's library is also well stocked with books & journals, e-learning material such as CDs and DVDs of digital books, a 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. The Computer laboratories have the latest hardware and software to match the latest development in the field of IT.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

981

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

11

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	http://dacoe.ac.in/uploads/naac/IQAC/5.1.3-capacitybuilding%20and%20skills%20enhancementinitiatives%20pgms.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

132

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

132

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

132

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

02

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

20

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students being an important stakeholders for whom all the stakeholders are working with the aim to meet the vision of the institute. Students are important stakeholders their representation and engagement in various administrative, co-curricular and extracurricular activities are always ensured at every level. The institute facilitates the 360-degree development of the students. Student representation is always there in the committees mentioned below.

Levels of student involvement:

- **Academic and Administrative planning:**
 - Internal Quality Assurance Committee
 - College Development Committee
 - Departmental Academic Advisory Committee
 - Student Council (Upto 2016-17)
- **Discipline regulatory & Monitoring unit:** These committees are formed to imbibe discipline among the students with their representation.
 - Anti-Ragging Committee.
 - Student Grievances and Redressal Committee
 - Woman Welfare
 - Internal Complaint Committee
- **Co-curricular and Extracurricular:** Co-curricular and extracurricular activities provide the dice for the students to showcase their managerial capacities, team building and leadership qualities.
 - Cultural Committee, Gymkhana Committee & NSS Committee
 - Library, Canteen, Magazine Committee.
 - Hostel and Health Care Committee.
- **Others:** The student associations are formed and managed by students only at the departmental level.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/IQAC/5.3.2.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

20

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, The DACOE, Alumni Association, Karad is registered with the government at Charity Commissioner Office in Satara district having registration number MAHARASHATRA|15652|SATARA in the year 2015. It is a very proactive group with the following structure

- President - Dr. A. M. Mulla
- Vice President - Prof. P. S. Mohite
- Secretary - Prof. P. D. Bansode
- Treasurer - Dr. V. M. Jamadar,
- Members - Mr. Swapnil Annaso Pidde,

Mr. Sudhant Balasaheb Bhilare,

Ms. Ketaki Rajendra Prabhune.

Alumni are important stakeholders to contribute actively to the overall development of the Institute. The various activities are conducted under the alumni association as follows:

1. Alumni Interaction: It is arranged between present students and alumni to find out new technocrats' measure challenges, skills set requirements and changes in expectations of technocrats.

2. The alumni promised to bridge the gap between academia and corporate, to help regularly so as to provide more opportunities for employment at both national and international levels.

Alumni provides financial support, sponsor various events which help the students to sail smoothly, provides training and shares the latest happening in the corporate world which boost the confidence of budding technocrats, gifted books, paintings, first-aid box etc.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/IQAC/5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs
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File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Institute vision and mission-

- Vision:**

To be a Competent Engineering Knowledge Centre for Socio-Economic Development.

- Mission:**

1. Empowering students with knowledge, essential technical skills & ethical values.
2. Fostering effective interaction & networking with all stakeholders for the benefit & continuous development of the profession and society.

3. Creating professional and responsible engineers for research, entrepreneurship and leadership.

Activities:

1. Management supports faculty and students to generate funds/sponsorship for organizing seminars, workshops, and community initiatives and motivates them for research activities.
2. With regular curricular academic activities, the institute organizes extracurricular activities N.S.S., expert talks.
3. The students are encouraged through participation in group discussions, seminars and several relevant workshops under the Lead College Scheme of SUK and competitions.
4. The institute uses a feedback system, alumni network and interaction with industries, government and non-government organizations for training students in career planning, internships, and placements.
5. The Institute provides technical, aptitude training, communication skill training and career counseling. Institute runs career-oriented courses based on global needs and provides job opportunities through placement cells.
6. Teachers play an important role in the management, governing body and decision-making bodies of the institution. They also participate in administrative and executive processes.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/6.1.1%20Vision%20Mission.pdf
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute continued with decentralization practices and participative management at various levels.

- Institute has a 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 delegation of powers.

- The Vice Principal, HODs, Administrative Head, and Section in charge and coordinators of various cells/committees in the decision-making process of the Institute assist the Principal of the Institute.
- Faculty and staff are assigned roles and responsibilities to work in a harmonious, transparent environment.
- IQAC has a well-developed process to ensure quality benchmarks to meet the requirements of accreditation bodies.
- The Placement and Industry Institute Interactions of the Institute are coordinated by Dean III and the Training and Placement Officer.
- Research and Consultancy activities are governed by the Dean Research and Development.

File Description	Documents
Paste link for additional information	http://dacoe.ac.in/uploads/naac/6.2.1%20DACOE_Perspective_Plan.pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Perspective Plan:

- To maintain continuously good academic performance
- To develop and execute an effective teaching-learning process
To encourage research culture in faculty and students
- To develop a comprehensive system of student mentoring and

student support and ensure transparency in the evaluation process of students

- To empower faculty about emerging trends in their profession for academic advancement
- To facilitate a friendly, efficient and flawless administrative set up ensuring a smooth day-to-day functioning

The focus of Strategic Plan:

To make students more employable, in view of the strategic plans, the institute has a perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society. Following activities successfully implemented to make students more employable.

Training & Placement activities are crucial for engineering graduates. Along with academic shutouts should be trained as per industry requirements. As per corporate requirements, the following training is imparted for the employability

- Aptitude Training
- Soft Skills / Communications Skills
- Coding Training
- Mock interviews H R / M R
- Industry Person expert lectures/guest lectures

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The functioning of the institutional bodies is effective and

efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Through the practical experience of management has been designed in a scientific and transparent manner to obtain the best results from it. Hierarchical clusters were created from top management down the level to clearly delineate duties, responsibilities, accountability, and powers at each stage. Dr. Daulatrao Aher College of Engineering, established in the year 2008, has a broad Vision and Mission that focuses on a competent engineering knowledge center for socio-economic development for quality teaching in engineering so as to bridge the gap between the industry, society and academia.

The institute follows a democratic and participatory approach of governance for achieving its goals. All stakeholders participate actively in the administration of the institute. The overall corporate governance structure is classified as "Academies" and "Administration". With greater consideration of all stakeholders over students an effective management system is organized. The Institute has formed various committees at the institute and department levels for the effective functioning of the organization. The objectives and functions of the committees are organized according to the instructions of the head of the institution.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://dacoe.ac.in/uploads/naac/College%20Organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The Institute provides:

- A moral, healthy and competitive, academic driven, student centered, supportive and professional work environment to its faculty
- All the service conditions are as per the government of Maharashtra MCSR
- Encouragement to present and publish research papers
- Registration fees, TA/DA provided for attending Workshops/ FDP/ STTP etc.
- A chance to get higher education
- Gratuity for teaching and non-teaching staff
- Availability of health care facility at K. N. Gujar Hospital Karad
- ATM facility is made available in the campus
- Hostel facility
- The institute also provides various leaves like Casual leaves, Medical leaves, Special leaves to both teaching and non-teaching staff members
- The institute gives concession in fees to the wards of employees who take their admissions in the institute
- Seminars, training programs, FDPs are organized by the institute for faculty enrichment purpose
- Festival bonus is distributed to eligible employees
- The institute provides training on laboratory skills, fire safety, and first aid for technical/non-teaching staff
- Encouragement to get computer skills to non-teaching staff
- Recreation programs and sports are arranged

- Staff quarters are available in campus
- Canteen facility

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

06

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

03

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

38

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has performance based appraisal system for the assessment of teaching and nonteaching staff. The performance of each employee is assessed annually at the end of academic

year. The appraisal report is based on the annual performance of the employees on the basis of their academics and extra-curricular activities.

The teacher's performance is assessed for:

Category I: Teaching, Learning, and Evaluation Related Activities

Category II: Co-curricular, Extension & Professional Development Activities

Category III: Research and Development.

Category IV: Additional Work (Admission and IRG)

Performance appraisal system for teaching-staff:

The institute has Academic Performance Indicator (API) for the teaching staff following UGC regulations, 2010 and four amendments thereafter. Currently the institute follows the guidelines of AICTE regulation. Every academic year HOD collects the API forms from all the faculty members. The faculty performance is assessed by the HOD and the Principal on the basis of API and take necessary action for the improvement.

Performance appraisal system for non-teaching staff:

Confidential reports - The overall performance of the non-teaching staff is evaluated by the registrar, heads of the concerned departments and the confidential report is submitted to the Principal for the final evaluation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Financial planning and management is the foresight of the institution in strategizing its growth and development activities. The institution conducts regular internal audits from the authorized auditors. The institute has established mechanism for conducting external audit in 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 in June/July and audited statements are prepared in June/July duly signed by the Principal, Secretary of the trust and chartered accountant.

Mobilization of funds in the institute is through resource and fund mobilization policy. The primary source is through collection of tuition fees, revenue generated through the financial grants and the consultancy works.

External Audit: Certified external auditor is appointed to audit regularly. The institute auditor conducts the audit of accounts annually, scrutinizes and verifies all payments, receipts and journals vouchers of the transactions, cash books, ledger account, and all bank accounts.

No.

Year of audit

Date of audit

Type of audit

Auditor

1

2015-16

30/06/2016

External

B.R.Sawant

& co. (CA)

2

2016-17

31/08/2017

3

2017-18

27/08/2018

4

2018-19

24/08/2019

5

2019-20

18/11/2020

6

2020-21

23/10/2021

7

2021-22

05/09/2022

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**0.347**

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**Mobilization of Funds**

The main financial resource for the institute is tuition fee. It is fixed and based on the preceding, the previous year's expenditure. The institution furnishes all the relevant details of the expenditure and projections for every year to the State Fee Regulatory Authority which fixes the tuition fee of the institute every year. Hence, the major resource mobilization depends on the fee fixation done by the State Fee Regulatory Authority. Trust provides necessary funds in deficit.

Strategies for Mobilization of Funds

- Prior to the academic year, Principal and Heads prepare the institute budget
- The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance charges
- It includes non-recurring expenses e.g. lab equipment purchases, furniture, other development expenditures
- The budget is scrutinized and approved by the management and governing Council
- Account department and Purchase Committee monitor whether expenses are exceeding budget provision

Utilization of Funds

- Employee's salary
- Effective teaching-learning practices that include induction and orientation programs, workshops, inter-disciplinary activities, training programs, refresher courses, faculty development programs, conferences etc.
- Purchase of lab development equipment
- Development and maintenance of infrastructure

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Institute inculcates value, ethics, educational quality and skills in students through a focus on imparting quality education, through comprehensive and outcome-based education policy.

Two practices institutionalized at our institute with IQAC are:

I. Academic and Administrative Audit (AAA)

The administrative/financial audit is carried out through external agency. The academic audit is conducted by academic coordinators every year for fulfillment of IQAC-driven practices toward quality assurance. The audit evaluates the following procedures-

- The academic coordinators assess the documents related to preparation of academic calendar, selection of papers to be taught, timely distribution of time-table, submission of lesson plan, teaching methodology, use of ICT tools, etc.
- Documents of internal assessment, policy for answer book moderation, and analysis of the results of end-semester examinations are examined meticulously.

- If the laboratories in the institute follow proper procedure, conduct stock verification of laboratory equipment and consumables, and examine the status of the AMC of equipment.

II. Feedback mechanism

The IQAC at our institute has implemented a feedback system for students based on institutional parameters such as curriculum delivery, pedagogy, discipline and environment, staff and support, and so on. Feedback system is crucial to institutional progress as it allows self-reflexivity and reform.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Academic Audit, the primary teaching-learning review conducted every semester by each department.

Two institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

I. Academic Diary:

For the proper planning of teaching, each teacher is provided with an academic diary that contains timetable, annual/semester wise teaching plan, workload, syllabus completion summary, and academic/administrative committee responsibilities. Every teacher has to maintain an individual Academic Diary to record the day to day teaching-learning activities. The Academic Diary gives an overall summary of the topics covered by the teacher in each class per course, per semester. The individual teacher's diary is verified by HoD of the concerned department and is then submitted to the principal for final assessment.

II. Adoption of New Technology for Teaching-learning enhancement

On the basis of the feedback received from faculty and students it was envisaged that there was a need for introducing the usage of new technology

- Use of ICT in teaching and learning is encouraged
- IQAC has organized NAAC sponsored national seminar
- Internet and Wi-Fi facilities are improved
- LCD projectors installed in classrooms
- Software's are made available for students
- Faculties encouraged developing learning resources

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://dacoe.ac.in/uploads/naac/Annual%20Academic%20Reports%20old.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute believes that gender equity neutrality for the progress of society. Hence on campus, there is no place for negative action like harassment and ragging

The Institute is deeply sensitive towards gender equity and sensitive behavior towards fellow students and stakeholders and has undertaken numerous initiatives to provide a safe and discrimination-free environment for students from all walks of life while attempting to inculcate a sense of social equity and positive perception in all its stakeholders.

Facilities and provisions for the safety and well-being of women :

- There is a separate common room for female students with all the necessary facilities.
- CCTV cameras are installed at strategic locations for continuous surveillance of the premises and for heightening security in the Institute.
- The Institute has a Student Grievance Committee against harassment with its composition as per the guidelines of AICTE.
- In addition, the Institute has a duly constituted Anti-Ragging Committee, and Discipline Committee, to ensure safety and to protect the interests of students.
- Relaxation in Fees for economically weaker students (female students) is one of the many initiatives by the Institute
- The Institute has installed sanitary napkin dispensers on the campus

File Description	Documents
Annual gender sensitization action plan	http://dacoe.ac.in/uploads/dptcivil/NAAC/2021-22%20action%20plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://dacoe.ac.in/uploads/dptcivil/NAAC/Photos%207.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above
---	-----------------------

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management:

In the institute, solid waste is collected in dustbins that are there for wet and dry solid waste separately. the solid waste is transferred to Banavadi Grampanchayat Solid Waste Management Plant.

The processing of the solid waste is done by Banavadi Grampanchayat independently. In association with Banavadi Grampanchayat, we are continuously and actively participating in various campaigns such as Swacha Bharat Abhiyan, Tree Plantation, etc.

E-waste management:

In our institute, E-waste is collected through a standard procedure defined by the institutional Maintenance cell and Computing Facility.

The E-waste collected from all departments is transferred to Galaxy Infotech, Karad.

Required processing on the E-waste is done by Galaxy Infotech, Karad independently. We have a collaboration with galaxy Infotech, Karad. To extend experience in recycling and disposing of E-waste in an environmentally safe manner.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://dacoe.ac.in/uploads/dptcivil/NAAC/Degradable%20and%20Non-converted.pdf
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1.Restricted entry of automobiles**
- 2.Use of Bicycles/ Battery powered vehicles**
- 3.Pedestrian Friendly pathways**
- 4.Ban on use of Plastic**
- 5.landscaping with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above										
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Reports on environment and energy audits submitted by the auditing agency</td><td>View File</td></tr> <tr> <td>Certification by the auditing agency</td><td>View File</td></tr> <tr> <td>Certificates of the awards received</td><td>No File Uploaded</td></tr> <tr> <td>Any other relevant information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	View File	Certification by the auditing agency	View File	Certificates of the awards received	No File Uploaded	Any other relevant information	View File	
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Reports on environment and energy audits submitted by the auditing agency	View File										
Certification by the auditing agency	View File										
Certificates of the awards received	No File Uploaded										
Any other relevant information	View File										
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	B. Any 3 of the above										
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Geo tagged photographs / videos of the facilities</td><td>View File</td></tr> <tr> <td>Policy documents and information brochures on the support to be provided</td><td>View File</td></tr> <tr> <td>Details of the Software procured for providing the assistance</td><td>View File</td></tr> <tr> <td>Any other relevant information</td><td>No File Uploaded</td></tr> </tbody> </table>	File Description	Documents	Geo tagged photographs / videos of the facilities	View File	Policy documents and information brochures on the support to be provided	View File	Details of the Software procured for providing the assistance	View File	Any other relevant information	No File Uploaded	
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Policy documents and information brochures on the support to be provided	View File										
Details of the Software procured for providing the assistance	View File										
Any other relevant information	No File Uploaded										

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute has implemented several measures to make the Institute an inclusive campus.

Measures for equal opportunities:

Institute strictly follows the reservation policies laid out by the Government of India for admissions of students and appointments of teaching and non-teaching staff.

The National Service Scheme (NSS) volunteers also assist various villages with Swachta Bharat Abhiyan Programme, Plantation, etc.

Students from a low socio-economic spectrum are granted fee concessions every academic year. The Institute also promotes several financial assistance/scholarships provided by the Government of India, state governments and non-governmental organizations to facilitate access to financial assistance among students.

Mentor-mentee meetings are held regularly and students are encouraged to share their problems – academic or personal – with their mentors. Dedicated teacher-mentor are assigned to students.

Promotion of diversity and inclusivity:

Institute promotes cultural plurality and inclusivity on campus. In an effort to unite all cultures, many events are organized to promote cultural diversity. Some of the events organized by the Institute are:

Annual gathering

Traditional day celebration

Late Bhai Gujar Chashak (Cricket Tournament)

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Institute has taken initiative to sensitize and inculcate values, rights, duties and responsibilities of citizens through activities mainly organized by the National Service Scheme (NSS), the Staff/Student Grievance Committee, the Anti-ragging committee, the Discipline Committee and department, various student clubs. Institute takes consistent efforts to inculcate values among students. The institute always put its best towards the overall development of the students by organizing expert lecture which helps in the holistic development of the students. Sensitization of students and employees of the Institution to the constitutional obligations is done through extra-curricular activities by conducting programs.

Institute creates awareness about human Rights as per constitutional obligation and supervises the development activities of the students to sensitize women's rights and gender equity through various activities like women's day celebrations. A comfortable girls' and students' common room has been established in the college to facilitate the students in their free slots of time during college hours. NSS units take remarkable efforts to celebrate constitutional day also, students and employees are sensitized about constitutional obligations related to duties and responsibilities through the activities such as yoga and physical exercises & conduct student camps.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff

4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Dr. Daulatrao Aher College celebrates national and international commemorative days to inculcate constitutional responsibilities, to instill patriotic spirit and to foster unity among fellow citizens.

- Independence and Republic Day are celebrated in the college by hoisting the Indian flag on 15 August and 26 January.
- International Women's Day is celebrated on 8 March. On this occasion, Guest lectures are organized in the college to encourage women-power.
- International Yoga Day is celebrated on 21 June to mark the practice of self-discipline and the tradition of well-being.
- No vehicle day is celebrated in college to reduce air pollution and to promote walking/cycling along with a safer environment.

- Dr. Babasaheb Ambedkar Jayanti was celebrated on 14 April in our institute to remember his contribution in Indian Law and the constitution.
- World science day is celebrated in college to highlight the important role that scientists play in society. On that day college organizes various activities like poster presentations, paper presentations, debates and science exhibitions.
- Shiv Jayanti and Shivpratap Diwas are celebrated in February and November to honor the great Maratha emperor.
- National youth day is celebrated on 12 January to honor the ideals and thoughts of Swamiji Vivekananda in youth.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1

1. Title of the Practice: Student skill development Cell

2. Objectives of the Practice: To improve students' technical skills, and academic performance and to engage them in the present scenario.

3. The Context: Students are provided with the requisite training to them.

4. The Practice: Skill Development Cell is to bridge the gap between academia and industry and to train the students for the required skill sets. T

5. Evidence of Success:

Year No. of students Placed 2017-18 75 2018-19 84 2019-20 70

2020-21 100 2021-22 130

6. Problems Encountered and Resources Required:The institute supports financially poor students by offering affordable skill development programs and training in-house.

Best Practice 2

1. Title of the Practice: 2. Environmental Consciousness & Sustainability

2. Objectives of the Practice:The Green Campus initiative began with the objective of fostering a culture of eco-friendly practices and making the campus environmentally sustainable.

3. The Context: DACOE has been constantly working towards creating and maintaining an eco-friendly and clean campus. A variety of species of grasses, herbs, shrubs, and trees are planted.

4.The Practice:

- Plantation of Trees.
- LED Bulb inside the campus.
- NSS conducts extension activity.
- The E-waste generation is minimal on campus.
- Celebrations of International Yoga Day and Yoga Shivar.
- Anti-tobacco campaign

5. Evidence of Success:Infrastructure

6. Problems Encountered and Resources Required: Pandemic effect.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Academics and sports complement each other, and it has been long forgotten by parents and students alike the significance

of both in the growth of a student. Sports and academic learning if carried out together increase the potential and eventually shapes the personality of a student. DACOE focuses on the overall development of students equally. With a well-equipped gymnasium, the campus provides facilities for both indoor and outdoor sports. The utilization of sports in education and training is a holistic and multidimensional issue. They are trained by Physical Directors to participate in sports events conducted at various levels. Resource persons were invited for practice sessions, guidance, and workshops.

The college boasts of a number of indoor as well as outdoor facilities for the training and practice of the students, The institute provides them with a state-of-the-art, gymnasium, table tennis, badminton, Kho-Kho, swimming, chess, volleyball, etc courts for consistent training. The institute organizes the State-level Inter College Cricket Championship. Both girls' and boys' cricket teams take part in various tournaments like the All India Inter-University Level Championships of chess, cricket, Kho-Kho, and so on. The ranks secured by our students in the various sports at the university level, zonal sports and inter-zonal sports are remarkable.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To prepare departments for NBA accreditation to enhance quality and outcome-based education (OBE).
- To develop laboratories according to emerging trends and standards to meet the gap between industry and institute.
- To enhance skill development activities for students.
- To build an incubation center in association with industry.
- To improve placement, by enhancing training activities.

