



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	COLLEGE OF ENGINEERING AND TECHNOLOGY AKOLA
• Name of the Head of the institution	DR P V THORAT
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07242259024
• Mobile No:	9960590202
• Registered e-mail	principalcoeta@gmail.com
• Alternate e-mail	principalcoeta.info@gmail.com
• Address	AT POST BABHULGAON (Jh.) N.H. NO 06 Akola
• City/Town	Akola
• State/UT	Maharashtra
• Pin Code	444104

2.Institutional status

• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Sant Gadge Baba Amravati University Amravati				
• Name of the IQAC Coordinator	Dr. S K PATIL				
• Phone No.	9822641908				
• Alternate phone No.	880559228				
• Mobile	9822641908				
• IQAC e-mail address	profskpatil@gmail.com				
• Alternate e-mail address	profskpatil@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year)	https://coeta.ac.in/AQAR23-24/AQAR22-23ONPORTAL.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://coeta.ac.in/AQAR23-24/AcademicCalendar2023-24.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.27	2017	17/11/2017	17/11/2022
Cycle 2	A	3.06	2023	27/10/2023	27/10/2028
6. Date of Establishment of IQAC		02/12/2016			
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	
Civil Engg Department/D r A R Gupta	MPCB	MPCB	Since 2009 extended annually	667380	
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	4
<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? 	No
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
Sensitization of Institute Innovation Cell Enhancement of ICT Based Facilities	
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
Introduction of New Courses	Proposed to introduce new courses Bachelor in Information Technology & Masters in Computer Science & Engineering
Enhancement in Consultancy	The consultancy during the period is 55 lacks
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)
IQAC Committee	14/01/2025

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	29/02/2024

15.Multidisciplinary / interdisciplinary

Our Institute has multidisciplinary courses like Architecture, Civil Engineering, Chemical Engineering, Mechanical Engineering, and Computer Science & Engineering in UG and PG programs. Our courses have adapted the concept of NEP 2020 and are proposed to be implemented in the academic year 2024-25. We also implemented the elective courses in Credit-based systems (CGS) from the academic year 2017 to 18. Where the students make it compulsory to adapt one interdisciplinary course from other degree programs of their choice which helps and benefits students to learn the interdisciplinary concept of their choice. A special provision for this elective subject is made in the university scheme and syllabus recognized by Amravati University Amravati. Our institute also offers Ph.D. programs with adequate research facilities in all five research centers. It is supportive to introduce an integrated four-year Degree course with research as an integral component. The faculty and research students are encouraged to undertake interdisciplinary/multidisciplinary research projects. Along with the existing programs, courses, and well-developed infrastructure, it is possible for our institute to introduce Multidisciplinary as well as Interdisciplinary Courses. At Present, we have five Undergraduate programs, two Post Graduate Programmes, and five Research Programmes. The Parent Institution runs several Multi-disciplinary colleges i.e. Medical, Engineering, Agricultural, Biotechnology, Law, Education, and Physical Education Colleges.

16.Academic bank of credits (ABC):

Our Institute is Affiliated to Sant Gadge Baba Amravati University, Amravati, Our college is bound to follow the courses, syllabi, and other rules & regulations of the Affiliating University. Our institute is registered as SWAYAM/NPTEL Local Chapter. The students are encouraged to enroll in online courses from where the students may earn credits from renowned HEIs. Owing to the implementation of the National Education Policy, the affiliating University has already taken initiatives to introduce a based Credit System (CBCS)

at the Undergraduate level and started implementing it in a phase-wise manner at the Undergraduate level. The Academic Bank of Credits (ABC) would provide a digital platform for students for credit recognition, credit accumulation, credit transfers, and credit redemption. The initiative undertaken by the affiliating University is in the preparatory phase.

17.Skill development:

Our Institute primarily focus on the Skill Development of the students. It's known that all engineering jobs required logical and technical implementation of knowledge in a procedural manner. A successful engineering professional needs to have base of analytical reasoning and technology-based knowledge so that he can complete his job in a desirous aspect. Involvement of public and private sector investment in higher education will develop alternative learning modes such as open and distance learning modes. Introduction of the MOOCs will help students to develop their skills. By introducing the Project work, summer training programs, internships, and industrial training programs, the bench skills of the students will be enhanced. The training program helps students avail the required exposure to organizations; he/she would like to work as professionals and also provides the technical skills required for a job. The students will learn how to deal with problems related to work profiles, how to deal with different kinds of software applications used by organizations, and also how a project can be managed which includes presentations report writing, and manpower handling. Introduction of the MOOCs will help students to develop their skills. By introducing Project work, summer training programs, internships, and industrial training programs, the bench skills of the students will be enhanced. Apart from regular theory classes students need to acquire practical knowledge of the subjects they are dealing with. Akola, where our Institute is situated, has very less number of such industrial exposure to our students. Department of Chemical Engineering, COET, Akola signed an MOU with One of the leading Government Companies in the field to provide Real-time and real-life experience to our students of the various Chemical Engineering processes. The purpose of this modular training is to expose students to real work environment experience and at the same time, to gain knowledge through hands-on observation and job execution. From this training, the students will also develop skills in work ethics, communication, management, and others. Moreover, this practical training program along with theory lectures allows students to relate theoretical knowledge with its practical application in the process industry.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture,

using online course)

The National Education Policy (NEP) 2020 in India emphasizes the appropriate integration of the Indian knowledge system into the education system. Here are some ways to ensure the integration of the Indian knowledge system:

- Curriculum Design:** Revise and design the curriculum to incorporate elements of the Indian knowledge system. Integrate traditional knowledge, philosophies, and practices from various domains such as Ayurveda, Yoga, Indian mathematics, astronomy, literature, and arts.
- Textbook Development:** Develop textbooks that include content on Indian knowledge systems, giving due importance to contributions from ancient texts, scriptures, and indigenous knowledge. Ensure that the content is accurate, culturally sensitive, and age-appropriate.
- Teacher Training and Professional Development:** Provide training and professional development programs for teachers to enhance their understanding of the Indian knowledge system.

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

The New Education Policy (NEP-2020) has focused on experiential, application-based learning and research-based internships in the field of Science & Engineering. As per our Affiliating University directions and the new Education policy, every course subject has defined the course outcomes which are to be mapped with the Program outcomes. The academic activities, continuous Internal Evaluation (CIE), and all activities are conducted in adherence to the calendar of events. Internal Assessment tests (Class Tests), assignments, quizzes, and seminars are part of the Continuous Internal Evaluation (CIE) of students. There is a well-defined process for the conduct of CIE as per the calendar of events. The subject teachers prepare Internal Assessment question papers based on the revised Bloom's Taxonomy along with the scheme of evaluation, reviewed by the academic dean and approved by the Department Head. The internal assessment test timetable prepared by the Academic dean is published in the academic calendar, and conducted as per the schedule. Post Internal assessment tests, evaluation of answer scripts, and calculation of CO-PO/PSO attainment are carried out by respective Course Instructors. Continuous evaluation and assessments are also done for laboratory courses, project work, seminars, and internships. Our Institute provides internship opportunities in industries. internships will improve students' employability. Ph.D. students and faculty members are encouraged to undertake high-quality outcome-based research so as to produce Intellectual Property (Patents and Copyrights). Students are encouraged to participate in various Tech-Fests, Science Fairs, Innovation, Competition, etc. to explore the practical side of their learning

and promote innovation among students. The research internships with faculty and researchers at their own or other HEIs/research institution for undertaking product-based research with improve their employability and entrepreneurship. The institute has been making efforts for program outcomes, program-specific outcomes, and course outcomes.

20. Distance education/online education:

The National Education Policy (NEP) 2020 in India recognizes the importance of distance education and online education as viable modes of learning. Here are some key points regarding distance education and online education in the NEP:

- Recognition and Integration:** The NEP emphasizes the recognition and integration of distance education and online education as integral components of the education system. It acknowledges that these modes of education can provide flexible and accessible learning opportunities to a diverse range of learners.
- Open and Distance Learning (ODL):** The NEP highlights the significance of Open and Distance Learning (ODL) as a viable mode of education. It promotes the expansion of ODL programs to increase access to quality education, especially for those who are unable to pursue regular classroom-based education.
- Digital Infrastructure:** The NEP emphasizes the development of robust digital infrastructure to support online education. It envisions the availability of high-speed internet connectivity, digital devices, and appropriate technology platforms to facilitate seamless online learning experiences for students.

Extended Profile

1. Programme

1.1 07

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

File Description	Documents
Data Template	View File

2. Student

2.1 1073

Number of students during the year

File Description	Documents
Data Template	View File

2.2 **184**

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 **252**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **94**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **91**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	07
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Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1	1073
-----	------

Number of students during the year

File Description	Documents
Data Template	View File

2.2	184
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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	252
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Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1	94
-----	----

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2	91
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	22
Total number of Classrooms and Seminar halls	
4.2	272.92
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	682
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

The institution ensures effective curriculum planning and delivery through a well-planned and documented process that includes an academic calendar and the conduct of continuous internal assessment. The details of these elements are as under: Academic Calendar: The institution prepares and implements an academic calendar that outlines the timeline for activities various academic activities throughout the year based on the guidelines of the affiliating university (SGBAU). This includes the start and end dates of each semester or academic session, test and examination schedules, holidays, breaks, and other significant events. The academic calendar provides a structured framework for curriculum planning and ensures the smooth execution of teaching-learning activities. Curriculum Planning: The institution follows a systematic approach to curriculum planning, our faculty members are nominated by various University bodies, like the Board of Studies, Academic Council and Management Council, and other sub-committees. The faculties have contributed to curriculum planning

and designing for the last 30 years considering the objectives, outcomes, and requirements of various programs or courses. This involves the implementation of the CBCS System, the Implementation of the AICTE Model Curriculumschemes, the identification of core subjects, elective subjects for interdisciplinary subject choice, and other additional components such as projects, internships, or practical training. The curriculum planning process may involve the participation of faculty members, subject experts, and stakeholders to ensure the curriculum's relevance, rigor, and alignment with industry needs and academic standards as per the NEP Guidelines.

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)

Continuous Internal Assessment: The institution incorporates continuous internal assessment as part of the curriculum delivery process. This involves regular and ongoing evaluation of students' learning progress throughout the academic year. Continuous assessment methods include class tests, assignments, viva-voce, projects, presentations, class participation, and attendance assessment. The purpose of continuous internal assessment is to provide feedback to students, monitor their learning outcomes, and support their overall academic development. **Documentation:** The institution maintains documentation related to the curriculum planning and delivery process. This includes records of curriculum design, syllabi, course outlines, course objectives(CO), assessment criteria, and rubrics. The documentation serves as a reference for faculty members, students, and external stakeholders, ensuring clarity and consistency in curriculum implementation. By following a well-planned and documented process that includes an academic calendar and continuous internal assessment, the institution ensures effective curriculum planning and delivery. This approach provides a structured framework for managing academic activities, monitoring student progress, and maintaining quality in teaching and learning practices. It supports the institution's commitment to delivering a comprehensive and meaningful educational experience for its students.

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

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

5

File Description	Documents
Any additional information	View File
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)

2

File Description	Documents
Any additional information	View File
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

259

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

259

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

Gender Sensitivity: The institution ensures that the curriculum promotes gender sensitivity and addresses gender-related issues. This involves creating a gender-inclusive environment that challenges stereotypes, promotes equality, and fosters respect for diverse gender identities. The institution promotes gender equality within curricular and co-curricular, extracurricular activities like gender equality, and participation in various gender-related activities. Students are sensitized and encouraged to work towards gender equality from a cross-cultural perspective. Counseling services are provided through the teacher-mentor scheme. **Environment and Sustainability:** The institution integrates environmental consciousness and sustainability principles into the

curriculum. Undergraduate program schemes and syllabi include a compulsory core subject on Environmental studies.

File Description	Documents
Any additional information	View File
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

5

File Description	Documents
Any additional information	View File
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

239

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)	View File

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	Nil

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

376

File Description	Documents
Any additional information	View File
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

137

File Description	Documents
Any additional information	View File
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 Institution employs a streamlined mechanism for continuous assessment of students' learning levels. The students are assessed by various methods, based on their class performance, assignments, and participation in sports, and extracurricular activities during the semester. The induction program is conducted in the first year for the newly admitted students at the start of the session. Every department also conducts an induction program for 2nd-year students to provide the further pathway that students will have to follow in the respective department.
- The advanced learners are identified by their academic performance and achievements. Students are given extra attention to support students aiming for university rank. Advanced learners are also motivated to participate in intercollege competitions, technical fests, and other events. Advanced learners are encouraged to take up skills-based training. Active involvement in project work is encouraged for them. Motivation for competitive exams such as GATE, advanced courses from NPTEL, and higher studies abroad.
- Slow learners are identified based on their poor academic performance in the continuous internal unit tests and classroom interactions. To enhance the performance of weak students regular counseling and moral support are provided to them and they are encouraged to study through peer tutoring. Remedial classes are conducted for backlog subjects (if needed) to improve conceptual understanding. They are constantly monitored for their performance in internal tests. Regular communication regarding regular

attendance is maintained with parents. Access to self-learning materials like PPTs and animated videos is provided to the students.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
1073	94

File Description	Documents
Any additional information	View File

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

- The college plans and organizes teaching, learning, and evaluation schedules by strictly following the Academic Calendar. Courses with labs, Project work, technical seminars, Certificate courses, and value-added courses ensure experiential learning and participative learning by the students. For some specific subjects problem-solving methodologies are used to design problem-solving exercises that are taught and solved by students through remedial classes, assignments, workshops, and guest lectures. By providing an effective platform, the institute enables students to develop the most up-to-date skills, knowledge, attitudes, and values, molding their behavior in an appropriate manner. Innovative programs are conducted by all departments to stimulate the creative abilities of students and foster their problem-solving skills. Live lectures or hands-on workshops are arranged from the Industry Experts.
- Creating question banks, regular evaluation and assessment of questions, and generation of content for theory exams are some of the practices of the college.
- The Institution maintains a learner-centric atmosphere to achieve the desired learning outcomes. The teachers employ

an interactive and participatory approach. Organizing Webinars/Seminars, Project Exhibition, and various Competitive Events are some of the practices for participative learning. Case studies, minor and major projects, technical quizzes are used as some of the problem-solving methods

- Short-term workshops are often conducted to enhance their skills both in terms of personal and professional development
- Teacher Quality is assured by boosting the faculty members in their own discipline and general professional competence through training programs and the Faculty Development Programme and Short-Term Training Programme.

File Description	Documents
Upload any additional information	View File
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

- Infrastructure and Learning Resources are integral parts of a good learning ecosystem. It is essential for students to become proficient in the most recent developments in a constantly changing environment. Institute uses ICT tools in education to support, enhance, and optimize the delivery of education. The college is equipped with good infrastructure, ambiance, and adequate learning resources. The Institution has well-furnished classrooms and well-equipped labs for effective teaching-learning.
- The classrooms are equipped with ICT tools like projectors and labs are also equipped with smart boards and projectors.
- The institution is equipped with the necessary tools, including high-speed internet connectivity. Access of the Internet is provided to all students, the administrative office, and the library.
- Based on the context of the subject taught, staff prefers using ICT-based teaching while using chalk talk-based tools for explanation and illustration.
- Online facilities like Zoom, Webex, Google Meet, and software provided by Shri Shivaji Education Society (SSES), Amravati are used effectively for the online teaching-learning process.

- Online quiz competitions using tools like 'Quizzes' are taken in starting of the session as an activity to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.
- Certain platforms like NPTEL, MOOC, and Google Classrooms are used for knowledge-sharing purposes.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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	No File Uploaded
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

94

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

31

File Description	Documents
Any additional information	View File
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

1104

File Description	Documents
Any additional information	View File
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 institute adheres to a policy of transparency in its internal assessment mechanism, encompassing factors such as attendance, assignments, sessional evaluations, practical files, laboratory performance, and viva voce examinations.
- **Internal Examination:** After the commencement of the semester each department conducts college-level two-unit tests according to the academic calendar and the internal marks are based on the marks of the two tests conducted along with other criteria to ensure transparency, the evaluated answer sheets are presented to the students for their review and signatures. The quality of the unit test question paper setting is referred to as Bloom's Taxonomy and CO attainment.
- **External Examination:** At the end of the semester, the affiliated university conducts examinations are conducted for all the courses. The questions will cover the entire syllabus and they are mapped with course and program outcomes.
- **Technical Seminar Evaluation:** Each student has to present a seminar in the seventh semester and be evaluated by a guide.
- **Major Projects:** Project groups are allotted to the faculty member based on their area of specialization. Reviews are conducted and evaluated by the project guide. An external viva is conducted and the marks are given by the external examiner and are submitted to the university.
- **Lab:** Continuous evaluation is done for laboratory and internal marks are given based on the internal lab examinations. The end-semester examination is conducted at the end of the semester and evaluated by an external examiner.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The academic calendar is prepared well in advance so that students know the tentative schedule of odd as well as even semesters at the beginning of the academic session. Internal examinations are conducted with prior notice to students via the display of the timetable by department-level exam in-charge. So the occurrence of

grievances is negligible. But there can be some unavoidable circumstances, due to which a student is unable to attempt the test. In this case, a prior intimation via application is submitted by the student to the class teacher and exam in-charge mentioning the reason. If the reason is found genuine, the student is granted permission. The reasons may include illness, participation in competitions/conferences/workshops/quiz by another college. If the student is ill he/she has to submit a medical certificate. If the student has participated in the event, the participation certificate is to be produced. During online sessions i.e. ODD semester students reported the loss of connectivity problems. In that case, an alternative assessment method is applied such as conducting retests or giving assignments to students. During online mode topic-wise online tests/quizzes were conducted as per the requirement of a subject which was also considered as a metric for calculating internal assessment marks along with regular metrics.

File Description	Documents
Any additional information	View File
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.

The POs and PSOs for every department are available on the college website and COs are conveyed to students by HOD and subject teachers in the initial meetings of every semester. Recently the syllabus for the engineering stream was modified by the affiliated university, SGBAU, Amravati, so COs for each subject are provided along with the syllabus. At the beginning of 2nd year, when the student enters the department after completing general engineering as a first-year course, an Induction program is conducted. In this program, the HOD briefs the newly entered students about the POs and PSOs. He also guides students about the roadmap to achieve these POs and PSOs. At the start of every semester, all subject teachers highlight COs for their respective subjects in initial classes. The subjects in various semesters are interdependent or connected logically. So faculties convey the link of subjects to students such that the COs can be effectively achieved. The steps are conveyed to students regarding the attainment of COs. The COs and steps to achieve them are subject-dependent and may vary

drastically.

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

Course outcomes (COs) are direct statements that describe the essential disciplinary knowledge, abilities that students should possess, and the depth of learning that is expected upon completion of a course. They are specified and communicated. In Outcome Based Education (OBE), assessment is done through one or more processes, carried out by the department, that identify, collect, and prepare data to evaluate the achievement of course outcomes (COs). The process for finding the attainment of Course outcomes uses various tools/methods. These methods are classified into two types: Direct methods and Indirect methods. For the evaluation and assessment of COs and POs, rubrics are used.

Mapping of CO with PO and program-specific outcome (PSO) -This is done by distributing CO in hours according to the lesson plan. The mapping is done according to which CO corresponds to a specific PO. The average weightage of PO and PSO is calculated. As per the average weightage, the mapping targets range between the scale of 0 to 3 e.g. $25 < \text{average} < 40$ target scale will be 2.1. Direct Method - 2. Indirect Method

File Description	Documents
Upload any additional information	View File
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

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	View File
Paste link for the annual report	Nil

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)

<https://coeta.ac.in/AQAR23-24/SSS.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)

6.92

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

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	Nil

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

35

File Description	Documents
Report of the event	No File Uploaded
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

24

File Description	Documents
Any additional information	View File
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

34

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 Institutes carry the extension action activities through departments, department student forums, and NSS every year. The institute has received awards and recognition for extension activities. The details are given as under Consultancy: In the last five years, the institute generated revenue of around 1.5 crores through consultancy in the area of material testing, Architectural services, and an online examination center facility as an extension service. The Institute generates consultancy through different material testing like civil construction materials, polymer materials, and chemicals. The institute also generates the consultancy through online Exam Center through conducting various online exams. Community Impact: The institution's extension activities have made a positive impact on the neighborhood community. As a part of social responsibility, the institute carries out various activities like water testing camps, Tree plantation, and blood donation, these activities may include community service, outreach programs, social welfare initiatives, and engagement with local organizations. The faculties from our Institute were part and parcel of the attempt for the Guinness World Record for the construction of part of the Highway road.

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****35**

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

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****26**

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
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****456**

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

34

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

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

23

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 institution ensures that it has adequate infrastructure and facilities for effective teaching and learning. The institute is having lush green campus spread over 9.6 acres of land having a total build-up area of 19510 sq.mts. with G+2 & G+3 floors with adequate parking facilities. In addition to this, the Institute has an asset of 27 acres of land at Ridhora village, Akola. The Institute has an adequate number of classrooms, laboratories, and computing equipment, as well as ICT-enabled facilities such as smart classrooms and Enterprise Resource Planning software (ERP). The institution provides well-equipped and comfortable classrooms that create a conducive environment for teaching and learning. These laboratories are equipped with the necessary equipment, tools, and instruments to conduct practical experiments and research. Here's an overview of these facilities: Classrooms: They may be equipped with green boards/blackboards, projectors, audio-visual aids, and other necessary teaching tools to support effective instruction. Our Institute has 19 ICT enabled, well-furnished & ventilated classrooms plus 05 tutorial rooms. In addition to this, the institute has 03 digital smart classrooms with the provision of Multimedia learning, and WI-Fi connectivity. The college has also created an innovative 'Courtyard-Eco friendly Open Classroom'

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

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

The college has a dedicated sports Department with a full-time sports Director, Institute has outdoor sports facilities like Basketball, Handball, Volleyball court, Cricket ground, Kho- Kho ground and the students can play Indoor games like Table Tennis, Chess, and Badminton in Campus. Our Institute has always been keen to see the fitness amongst the students for which the institute provides a well-equipped gymnasium with around 78.00 Sq.m. area, where multi Gym facilities like treadmill, and weight for strengthening exercises are performed. The separate timings are maintained for Boys & Girls. The college has allotted a separate

place on the campus where Yoga sessions are being conducted especially on International Yoga Day. These infrastructure and facilities demonstrate the institution's commitment to providing a conducive learning environment and supporting the adoption of technology in education. By ensuring the availability of well-equipped classrooms, laboratories, computing equipment, and ICT-enabled facilities. The institution aims to enhance the teaching and learning experience, promote active engagement, and facilitate the use of technology as a tool for effective education delivery

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

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

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

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

53.46

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<u>View File</u>

4.2 - Library as a Learning Resource

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

Our institute has an advanced central library with a total area of 845 sq.m. with a seating capacity of 150 students. Our library has a total 12464 numbers of titles and 40110 volumes, apart from this the book bonded old journals. Institute has received a grant from the Maharashtra Government's Social Welfare Department, Akola of Rs. 6, 00, 000/- under the Backward class student welfare scheme. The digital facilities and subscriptions available in the library: Integrated Library Management System (ILMS): The institution's library is automated with digital facilities using an Integrated Library Management System (ILMS) named PC Software purchased from Prizam Solutions Akola. It ensures the library functions efficiently and provides convenient access to resources for faculty and students. The library is fully digitalized with a Bar Coding System using advanced ILSM Software. The ILMS automates various library functions, including cataloging, circulation, acquisition, and inventory management. It enables efficient organization and retrieval of library resources, making it easier for users to locate and borrow books, journals, and other materials. The ILMS may also provide online features such as online catalog search, self-checkout, and renewal options, enhancing the overall user experience. The library has e-book resources (EBSCO) more than 7000 engineering books

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the **A. Any 4 or more of the above 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)

6.65

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

130

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 institution recognizes the importance of up-to-date IT facilities and provides sufficient bandwidth for internet

connection. The institution provides computing equipment such as computers, laptops, and peripherals to support technology-enabled learning. Our Institute has a total of 730 computers out of which 646 are dedicated to the students. **Internet Services / Wi-Fi Facilities:** The institution offers campus-wide Wi-Fi connectivity to enable seamless Internet access for students, faculty, and staff. The Wi-Fi network covers all academic buildings, libraries, and common areas. These upgrades ensure reliable connectivity, faster speeds, and enhanced coverage throughout the campus. The institution recognizes the importance of sufficient internet bandwidth to support various online activities and research endeavors. The institute has a 1.1 GBPS internet speed facility. Our parent society Shri Shivaji Education Society, Amravati has provided the Subscription of LMS (Big Blue Button) in the pandemic period for online lectures. The Institute has subscribed the Google Classroom, Google Meet, ZOOM, and YouTube including live streaming and WhatsApp platforms for online contact hours& for the online training of the students. The Institute also provides IT consultancy services in the form of an online examination center with a capacity of 200 students.

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

4.3.2 - Number of Computers

682

File Description	Documents
Upload any additional information	View File
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)

124.62

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 physical, academic, and support facilities including buildings, Laboratories, Classrooms libraries, Computers, etc. are made available for the stakeholders of the college and require maintenance and repair regularly. 1. **Maintenance of infrastructure** The college has separate maintenance departments for civil and electrical works that supervise the maintenance of buildings, classrooms, and laboratories . The maintenance department is headed by the maintenance engineer, who efficiently organizes the workforce, maintaining duty files containing details about their department-wise responsibilities, timings, leave, etc. The college lawn is maintained by the gardener appointed by the institute. 2. **Maintenance of laboratory equipment:** Repair and maintenance of expensive instruments is done through a contract with the related specified agency. Small equipment is repaired from time to time and maintained periodically by local skilled persons. 3. **Maintenance of ICT:** The college computers and accessories are

monitored and maintained regularly by the Lab assistants under the supervision of the System administrator. The software updates, ICT tools, and internet-related problems are resolved. 5. Maintenance of sports grounds: The sports department of the college has adequate infrastructural facilities. used by students and staff. Maintenance of this ground is done by workers on a regular basis under the guidance of the sports director.

File Description	Documents
Upload any additional information	View File
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

986

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

10

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	Nil
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

320

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

320

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

A. All of the above

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

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

125

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

5

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

3

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.

10

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)

The student committees are formed in the academic session for the overall development & participation in every activity as follows:

1. College Magazine Committee: - The teacher in charge of student committees is formed under the College Magazine Committee for enhancement of the academic skills of various tasks: i) Technical Section Committee. ii) English Section Committee. iii) Marathi Section Committee. iv) Hindi section Committee. v) Sanskrit section Committee. vi) Urdu section Committee. vii) Departmental section Committee. 2) Art & Photography Committee. 3) Startup India Committee. 4) Social Gathering Committee under it: i) Drama Committee. ii) Fashion Show Committee. iii) Dance Committee. iv) Orchestra Committee. v) Prize Distribution Committee. 5) SC/ST Atrocities Committee. 6) National Social Services Committee. 7) Unnat Bharat Abhiyan Committee. 8) Green Campus committee 9) National Association of students of Architecture Committee. 10) Library books Advisory committee. 11) Girls grievances committee. 12) Anti-ragging committee. 13) Music Club committee. 14) The Student Academic Association of each department to participate in the co-curricular & and co-curricular activities: Mechanical Engineering Student Academic Association (MESAA); Chemical Engineering Students Sports, Cultural & Academic Association (CESSCAA); Architecture Students Academic Association (ASAA); Civil Engineering Students Academic Association (CESAA)

File Description	Documents
Paste link for additional information	Nil
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	View File
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

Our Institute has a registered Alumni Association. The Alumni Association is registered under the Society's registration act 1860(XII Of 1860) in 2008 and the registration number is Maharashtra/172/2008. The institution is proud of its vibrant and active Alumni Association, which plays a significant role in the development of the institution through both Academic and financial support. The Alumni Association serves as a platform for alumni to stay connected with their alma mater and actively contribute to its growth and success. The Alumni Association contributes

Mentoring and Career Guidance: The Alumni Association provides mentoring and career guidance programs for current students. Alumni with industry experience and expertise volunteer their time to mentor and guide students in their career paths. They share their knowledge, provide insights into different industries, offer internships and job opportunities, and help students develop professional networks. This support enhances students' employability and facilitates their successful transition into the professional world.

Guest Lectures and Workshops: Alumni are invited as guest speakers for lectures, seminars, and workshops.

Financial Support: Alumni members contribute financially to the institution through various means. This may include making monetary donations, sponsoring scholarships or grants, and providing funding for infrastructure development or specific projects.

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

**5.4.2 - Alumni contribution during the year E. <1Lakhs
(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

The institution's governance and leadership align with its vision and mission, which is evident in various institutional practices. The Vision of the Institute: In full obeisance to the vision and foresight of Dr. Panjabrao alias Bhausaheb Deshmukh this college will strive tirelessly to educate and qualify the students who are future engineers and technocrats to take up the challenges of the modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of society. Mission of the Institute: Technical education for individual, social, and national development with global acceptance, by providing the relevant infrastructure with due consideration for our culture and the environment. The institution ensures that its governance and leadership reflect its vision and mission: NEP Implementation: The institution actively embraces and implements the National Education Policy (NEP) guidelines. This includes promoting learner-centric approaches, interdisciplinary studies, holistic development, and fostering innovation and research. The institution ensures that its governance and leadership support the effective implementation of NEP initiatives. Contributing to National Development: Activities like the Energy Literacy Drive along with Energy Conservation Measures are taken to justify our contribution to the nation-building process. Decentralization: Etc.

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

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

The institution adopts a decentralized governance structure that encourages participation and shared decision-making.

Decentralization ensures that the institution's governance and leadership are inclusive, transparent, and responsive. The governing body of the Institute exercises general supervision and control of the affairs of the college. It formulates strategic policy decisions in the interest of faculty and students. For proper deployment and execution purposes, a core committee named the College Development Committee is formed which consists of representatives of management, institute, teachers, and nonteaching staff along with members from industry and the outside world. For smooth conduction of academics and administrative work, the college and departmental portfolio distribution is carried out and the portfolio is allotted to almost every faculty in the institute as a part of decentralization. Depending upon the area of interest, a faculty is chosen on a committee formed to look after different academic, curricular, and co-curricular activities. Institutional Perspective Plan: The institution develops short-term and long-term Institutional Perspective Plans (IPP) that outline the strategic goals, priorities, and actions required to achieve its vision and mission. The governance and leadership structures facilitate the formulation and implementation of the IPP, ensuring alignment with the institution's overall objectives and aspirations.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution effectively deploys its Institutional

Perspective Plan (IPP) and the formation of a new Institutional Development plan is in progress and both of them ensure that the functioning of its institutional bodies is efficient and effective. This can be observed through various aspects such as policies, administrative setup, appointment processes, service rules, and procedures. Here's an overview of how the institution demonstrates effectiveness and efficiency in these areas:

- Administrative Setup:** The institution establishes an administrative setup that supports effective governance and leadership. This includes a well-defined organizational structure with clear roles, responsibilities, and reporting lines. The administrative setup facilitates smooth coordination, communication, and implementation of institutional plans and policies. It ensures that decision-making processes are streamlined and efficient. The institute has a comprehensive internal organizational structure and decision-making process too.
- Internal Quality Assurance System:** well-defined processes and systems are in place to ensure adherence to quality in all aspects of the Institute's functioning. The IQAC works with different divisions to find areas of improvement and suggest new changes and improvements for quality enhancement. IQAC committee put up the decisions before the Statutory authorities of the Institute. Mechanisms are in place for periodic review of administrative, academic, and research activities.
- Academic Division, Administrative Division, Research and Development Division, Alumni Affairs Division.**

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 institution effectively deploys its Institutional Perspective Plan (IPP) and ensures that the functioning of its institutional bodies is efficient and effective. This can be observed through various aspects such as policies, administrative setup, appointment processes, service rules, and procedures. Our Institute has started and is on the verge of finalization of the new Institutional Development Plan 2024-29. Here's an overview of how the institution demonstrates effectiveness and efficiency in

these areas: 1. **Administrative Setup:** The institution establishes an administrative setup that supports effective governance and leadership. This includes a well-defined organizational structure with clear roles, responsibilities, and reporting lines. The administrative setup facilitates smooth coordination, communication, and implementation of institutional plans and policies. It ensures that decision-making processes are streamlined and efficient. The institute has a comprehensive internal organizational structure and decision-making process too. **Internal Quality Assurance System:** well-defined processes and systems are in place to ensure adherence to quality in all aspects of the Institute's functioning. The IQAC works with different divisions to find areas of improvement and suggest new changes and improvements for quality enhancement. IQAC committee put up the decisions before the Statutory authorities of the Institute. Mechanisms are in place for periodic review of administrative, academic, and research activities. Academic Division, Administrative Division, Research and Development Division, Alumni Affairs Division, appointment processes, service rules procedures

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
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 institution has effective welfare measures in place to support the well-being of its teaching and non-teaching staff. These measures may include health and medical benefits, insurance coverage, and employee assistance programs. The institute has finalized the draft of a new Faculty Appraisal Policy and being implemented from the session 2024-25. Our Institute, which, provides Financial help to needy people on Medical grounds, a Ph.D. research fee waiver scheme, and access to professional development opportunities. Group insurance scheme & Gratuity provision is made for the staff in the institute, The institution prioritizes the welfare and work-life balance of its employees, ensuring a supportive and conducive work environment. Our Institute has a Salary Earners Society that takes care of staff welfare by providing education loans, advances, loans for medical emergencies, and Diwali gifts. The institute provides festival advances. The uniform is provided for all class III & IV employees. The institution provides avenues for career development and progression for both teaching and non-teaching staff. The institution encourages staff members to upgrade their skills, pursue higher education, and engage in research and innovation. Our Institute encourages Faculties to participate in workshops/conferences. Also, encourage the organizing of STTP/Faculty development programs (FDP) to upgrade knowledge in different developing areas.

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

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

File Description	Documents
Upload any additional information	View File
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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
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

46

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

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

The institution has a well-defined performance appraisal system in place to evaluate the performance of its employees. The system includes objective criteria and evaluation processes that assess the teaching and non-teaching staff's contributions to their respective roles and responsibilities. Performance appraisals provide valuable feedback, identify areas of improvement, and recognize exceptional performance. In our Institute, the self-appraisal form is filled out by the individual staff members and is further forwarded to Heads of the section/ Departments after getting their comments/remarks on self-appraisal, it is then forwarded to the Principal's office for evaluation. Assessing the performance is based on the performance indicators: The performance appraisal system for staff to evaluate their performance is as under The standard self-performance appraisal format is filled by individuals and submitted to the Principal through the Head of the Department with a due remark. There is a separate performance appraisal form for teaching and non-teaching faculty. While designing the self-performance appraisal form, care is taken to include the academic and extracurricular duties performed by the faculty. Due weightage is given to all the activities. Self-appraisal is evaluated by the Head of the section/department and is graded on a good to poor scale. Good work is appreciated.

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

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

The college conducted internal and external financial audits every year regularly. Financial Audit: The college has an internal financial audit mechanism for a preliminary audit of all financial matters. For financial transactions, Campus- ERP software is installed. Through this software, all the accounts i.e., salary - non-salary, grants, scholarships, and other accounts are maintained as per account rules and regulations. The cashbook and ledger books are regularly checked by the accountant. The vouchers are properly placed in the files for account verification. The parent institute appoints a registered Chartered Accountant for internal financial audit. Annual Internal Audit is conducted by auditors /CA firms appointed by the organization. The Internal Auditor is entrusted with the job of checking the payments, approvals, compliance with rules and regulations, purchase procedures, proper deduction of income tax, timely deposit of TDS, GST, etc. The Chartered Accountant verifies all the financial matters i.e., vouchers, ledgers, cash books, bank details, and all the account details. After minute verification of the financial entries, he prepares an audited statement i.e. receipt and payment, income and expenditure. The internal financial audit is deemed a preparatory exercise for the external financial audit.

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

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)

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

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

The Institute has effective strategies to monitor the efficient utilization of financial resources. The financial budget pertaining to the functioning of the college is prepared in due consideration of the probable expenses incurred and incomes mobilized. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumables required for the next academic session. Approval for the budget is obtained in the Purchase Committee meeting. The Institute ensures that expenses are incurred for the purpose of implementing institutional plans. Quotations are evaluated, compared, and negotiated with suppliers, and orders are placed. The payments are released after the delivery of the respective goods it is done as per the terms and conditions. Our institute is self-financing on a non-grant basis. So, we have income in the form of fees only. This income has to be utilized as per the government's directions. The college utilizes and maintains the accounts as per account norms. An internal financial audit is carried out in every financial year. Proper utilization of the grants, stock register, and related documents are verified by them periodically. The final Annual Audit is conducted by a Chartered Accountant.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<u>View File</u>

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

The IQAC monitors and channelize the efforts taken by the institute for academic excellence. The institution reviews its teaching-learning process, structures, and methodologies of operations and learning outcomes at periodic intervals through IQAC in different ways. Regular meetings of IQAC are conducted to collect feedback from all the stakeholders and analyze for incremental improvements of the Institution. The institute signed MOUs with other institutions for quality initiatives and participated in NIRF. IQAC initiated incremental improvements for quality enhancement in the last five Years. IQAC initiated to improve the ICT facilities in the college for teaching and learning purposes during the last five years. Comparatively, the ICT facility of the college was observed to be increased. It is discussed in IQAC meetings and resolved to strengthen the ICT facility for an effective teaching-learning process. Academic auditing is a provision for internal review of the academic process. The internal quality assurance system is aligned with the requirements of external quality assurance agencies in all aspects. The institute's IQAC has devised an effective and vibrant student feedback mechanism. To ensure close monitoring and effective teaching and learning, IQAC schedules and executes mid-term and end-term feedback.

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

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 IQAC monitors and channelize the efforts taken by the institute for academic excellence. The institution reviews its teaching-learning process, structures, and methodologies of operations and learning outcomes at periodic intervals through IQAC in different ways. Regular meetings of IQAC are conducted to collect feedback from all the stakeholders and analyze for incremental improvements of the Institution. Academic auditing is a provision for internal review of the academic process. The internal quality assurance system is aligned with the requirements of external quality assurance agencies in all aspects of the institute's operation, with a focus on the quality of the teaching and learning process faculty members review the teaching and

learning process. Subject allocations done as per the faculty's specializations and experience. This is reviewed monthly by the respective head. The institute's IQAC has devised an effective and vibrant student feedback mechanism. To ensure close monitoring and effective teaching and learning, IQAC schedules and executes mid-term and end-term feedback. The Dean (Academics) conducts a review of the teaching and learning process with input from departments. Based on the recommendations, critical observations and issues are escalated to the concerned Head of the Department for necessary corrective measures.

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

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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
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

Our Institute fundamentally believes in a co-education system. Over the past five years, our institution has made significant efforts to promote gender equality and create a gender-sensitive environment on campus. These initiatives include gender equality, extracurricular and co-curricular activities that address gender issues, and the provision of facilities specifically designed for girls students. The institution has conducted gender equality to assess the prevailing gender-related issues, identify gaps, and develop strategies for promoting gender equality. These measures involve analyzing the representation of women in various aspects of the institution, including enrolment where 30% of seats are reserved for female candidates, faculty composition, leadership positions, and decision-making bodies. Our institution organizes a range of gender sensitization, co-curricular activities that promote gender equality, and sensitization for students, faculty, and staff members. An Equal Opportunities Centre (Samaan Sandhi Kendra) extension counter is available for students in the Institute campus premises as per the guidelines of the Department of Social Welfare Govt of Maharashtra. The institution also prioritizes women's safety by implementing security measures, including surveillance cameras, fire safety Etc. also has a dedicated Internal Complaint Committee (grievance Committee) to address any grievances or concerns safety and well-being of the female students. **Support Services:**

File Description	Documents
Annual gender sensitization action plan	https://coeta.ac.in/AQAR23-24/7.1.1.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	https://coeta.ac.in/AQAR23-24/7.1.1.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

Our institution has a deep concern for protecting the environment, health, and well-being through the implementation of effective waste management practices such as segregation, recycling, and composting. Promoting the consciousness of generating less waste among students, staff, and faculty members has also been adopted. Our housekeeping staff, gardeners, and sweepers help in the segregation of waste. It is segregated at the source and collected by the sweepers to dispose of properly in the dumping yard. our institute works on a paperless concept through the digitization of office procedures through electronic mediums 1 which helps thus in reducing paper-based waste and ultimately reduces carbon dioxide emissions. The use of paper printed on one side is encouraged in sending faxes, print drafts before final documents, meeting minutes, and notes in office practices as an environmentally preferred alternative to waste management to reduce pollution. Students are encouraged to use waste paper and newspapers in creative practices during various extracurricular activities such as Wall Magazine, Waste to Best, etc. Tree waste is collected from all around the campus and used for composting, compost so produced is used in organic farming. The institute authorities are taking initiatives to make the campus paperless.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	Nil
Any other relevant information	View File

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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	View File
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.

A. Any 4 or all of the above

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

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	No File Uploaded
Any other relevant information	View File

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).

Our institution believes in the equality of all cultures and traditions as is evident from the fact that students belonging to different castes, religions, and regions are studying without any discrimination. Though the institution has a diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio-economic, and other diversities. With great enthusiasm, the national festivals, birth anniversaries, and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri are celebrated every year. In our college teachers supporting staff, and students jointly celebrate cultural and regional festivals, like traditional day, teacher's day, orientation and farewell programs, Induction programs, rallies, plantation, Youth day, Women's day, Yoga day, etc. religious ritual activities are performed in the campus. Motivational lectures of eminent persons in the field are arranged for the all-round development of the students for their

personality development

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

Our institute organizes various programs for the promotion of Constitutional values, rights, duties, and responsibilities of citizens, which are aimed to familiarize with Fundamental Duties and Rights. We celebrate Independence Day on the 15th of August and 26th of Jan on every year. The day marks the importance of freedom and independence, on this day, a Flag hoisting ceremony is organized followed by a recitation of the National Anthem. Our Institute organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. our Institute organizes a Covid Vaccination Camp and Blood Donation Camps on our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women's Day to mark the achievements of women throughout history. Similarly celebrates World Environment Day on the 5th of June every year to ensure Environmental concern. Similarly, our institute organizes Swachh Bharat Abhiyan.

File Description	Documents
Details of activities that inculcate values; necessary to render students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

Our Institute celebrates and organizes various programs for national and International commemorative day events and festivals. Celebration of Independence Day, Republic Day, International Yoga Day, Innovation Day (Dr.A.P.J Abdul Kalam's birth anniversary), International Women's Day, and Engineers Day. Indian Constitution Day With great enthusiasm the national festivals, birth anniversaries, and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri, Shtrupati Shri Shivaji Maharaj, Sawitribai Phule Etc. are celebrated every year. Our Institute celebrates the birth anniversary of our Founder president Hon Dr. Panjabrao alias Bhausaheb Deshmukh from 25 Dec to 27 Dec 2021 by organizing various students as well as faculty activities during the event.

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.

Practice-1: Title of the Practice: Enrichment of Skill Sets of Student for Employment graduates

Objectives of the Practice:.. To train the students for additional skills than academics.

The Context:

There are many careers in engineering, but these principles guide the role of an engineer. Hence they need a wide skill set Key skills for engineers. Effective technical skills.,. Problem-solving skills.

The Practice:

Institute organizes the CRTP and Capgemini Training for the U.G. Students., Industrial training and internship since the second year of the UG program Imparting need-based training to the students to enhance employability and entrepreneurship Evidence of Success:UG Students Internship in Industry through Training: 13

PRACTICE #2

Title: Interdisciplinary & Industry-based Project Practices: The Context: Interdisciplinary work is the process of developing an integration of methods that are traditionally thought of as separate fields. It is a professional learning experience that offers practical work related to a student's field of study or career interest. Interdisciplinary work gives the opportunity to explore and develop a project in the multidisciplinary domain and to learn new skills.

Students can work unitedly during the project work and a working module was developed.

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

Education and Skill Development: The institution has also developed campus recruitment training programs (CRTP) initiatives to enhance employability and entrepreneurship among the local youth. Our parent Society, Shri Shivaji Education Society Amravati provides a special scholarship of Rs. 25,000/- to 30,000/- per student per year to the economically weaker student for four years i.e., till the completion of his course. Our Institute started the Online Examination Center as an Extension service for rural students and their progression. The online examination center was started in December 2019 with a capacity of 200 PCs in a single lab. **Employability for Students:** Understanding various global job avenues, the institution strives continuously and sincerely to mold the students as qualified manpower by imparting deeper knowledge, critical skills, and transferable competencies. **Quality Education:** The institution ensures the quality of education through quality teaching, state-of-the-art infrastructure, research and development, preparation of curricula and syllabi in cutting-edge technologies, better industry-institution interaction, healthy and productive academic ambiance, and co-curricular and extracurricular activities including internships. **Appreciation of Intellectual Excellence:** The institution duly recognizes the intellectual accomplishments of both students and faculty members. Numerous endowment awards are instituted for suitably appreciating the achievers on all occasions.

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

The institution ensures effective curriculum planning and delivery through a well-planned and documented process that includes an academic calendar and the conduct of continuous internal assessment. The details of these elements are as under: Academic Calendar: The institution prepares and implements an academic calendar that outlines the timeline for activities various academic activities throughout the year based on the guidelines of the affiliating university (SGBAU). This includes the start and end dates of each semester or academic session, test and examination schedules, holidays, breaks, and other significant events. The academic calendar provides a structured framework for curriculum planning and ensures the smooth execution of teaching-learning activities. Curriculum Planning: The institution follows a systematic approach to curriculum planning, our faculty members are nominated by various University bodies, like the Board of Studies, Academic Council and Management Council, and other sub-committees. The faculties have contributed to curriculum planning and designing for the last 30 years considering the objectives, outcomes, and requirements of various programs or courses. This involves the implementation of the CBCS System, the Implementation of the AICTE Model Curriculumschemes, the identification of core subjects, elective subjects for interdisciplinary subject choice, and other additional components such as projects, internships, or practical training. The curriculum planning process may involve the participation of faculty members, subject experts, and stakeholders to ensure the curriculum's relevance, rigor, and alignment with industry needs and academic standards as per the NEP Guidelines.

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)

Continuous Internal Assessment: The institution incorporates continuous internal assessment as part of the curriculum delivery process. This involves regular and ongoing evaluation of students' learning progress throughout the academic year. Continuous assessment methods include class tests, assignments, viva-voce, projects, presentations, class participation, and attendance assessment. The purpose of continuous internal assessment is to provide feedback to students, monitor their learning outcomes, and support their overall academic development. **Documentation:** The institution maintains documentation related to the curriculum planning and delivery process. This includes records of curriculum design, syllabi, course outlines, course objectives(CO), assessment criteria, and rubrics. The documentation serves as a reference for faculty members, students, and external stakeholders, ensuring clarity and consistency in curriculum implementation. By following a well-planned and documented process that includes an academic calendar and continuous internal assessment, the institution ensures effective curriculum planning and delivery. This approach provides a structured framework for managing academic activities, monitoring student progress, and maintaining quality in teaching and learning practices. It supports the institution's commitment to delivering a comprehensive and meaningful educational experience for its students.

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/

A. All of the above

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

5

File Description	Documents
Any additional information	View File
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)

2

File Description	Documents
Any additional information	View File
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

259

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

259

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

Gender Sensitivity: The institution ensures that the curriculum promotes gender sensitivity and addresses gender-related issues. This involves creating a gender-inclusive environment that challenges stereotypes, promotes equality, and fosters respect for diverse gender identities. The institution promotes gender equality within curricular and co-curricular, extracurricular activities like gender equality, and participation in various gender-related activities. Students are sensitized and encouraged to work towards gender equality from a cross-cultural perspective. Counseling services are provided through the teacher-mentor scheme. **Environment and Sustainability:** The institution integrates environmental consciousness and sustainability principles into the curriculum. Undergraduate program schemes and syllabi include a compulsorycore subject on Environmental studies.

File Description	Documents
Any additional information	View File
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

5

File Description	Documents
Any additional information	View File
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

239

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
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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)	View File

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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

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

376

File Description	Documents
Any additional information	View File
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

137

File Description	Documents
Any additional information	View File
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 Institution employs a streamlined mechanism for continuous assessment of students' learning levels. The students are assessed by various methods, based on their class performance, assignments, and participation in sports, and extracurricular activities during the semester. The induction program is conducted in the first year for the newly admitted students at the start of the session. Every department also conducts an induction program for 2nd-year students to provide the further pathway that students will have to follow in the respective department.
- The advanced learners are identified by their academic performance and achievements. Students are given extra attention to support students aiming for university rank. Advanced learners are also motivated to participate in intercollege competitions, technical fests, and other events. Advanced learners are encouraged to take up skills-based training. Active involvement in project work is encouraged for them. Motivation for competitive exams such as GATE, advanced courses from NPTEL, and higher studies abroad.
- Slow learners are identified based on their poor academic performance in the continuous internal unit tests and classroom interactions. To enhance the performance of weak students regular counseling and moral support are provided to them and they are encouraged to study through peer tutoring. Remedial classes are conducted for backlog subjects (if needed) to improve conceptual understanding. They are constantly monitored for their performance in internal tests. Regular communication regarding regular attendance is maintained with parents. Access to self-learning materials like PPTs and animated videos is provided to the students.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
1073	94

File Description	Documents
Any additional information	View File

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

- The college plans and organizes teaching, learning, and evaluation schedules by strictly following the Academic Calendar. Courses with labs, Project work, technical seminars, Certificate courses, and value-added courses ensure experiential learning and participative learning by the students. For some specific subjects problem-solving methodologies are used to design problem-solving exercises that are taught and solved by students through remedial classes, assignments, workshops, and guest lectures. By providing an effective platform, the institute enables students to develop the most up-to-date skills, knowledge, attitudes, and values, molding their behavior in an appropriate manner. Innovative programs are conducted by all departments to stimulate the creative abilities of students and foster their problem-solving skills. Live lectures or hands-on workshops are arranged from the Industry Experts.
- Creating question banks, regular evaluation and assessment of questions, and generation of content for theory exams are some of the practices of the college.
- The Institution maintains a learner-centric atmosphere to achieve the desired learning outcomes. The teachers employ an interactive and participatory approach. Organizing Webinars/Seminars, Project Exhibition, and various Competitive Events are some of the practices for

participative learning. Case studies, minor and major projects, technical quizzes are used as some of the problem-solving methods

- Short-term workshops are often conducted to enhance their skills both in terms of personal and professional development
- Teacher Quality is assured by boosting the faculty members in their own discipline and general professional competence through training programs and the Faculty Development Programme and Short-Term Training Programme.

File Description	Documents
Upload any additional information	View File
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

- Infrastructure and Learning Resources are integral parts of a good learning ecosystem. It is essential for students to become proficient in the most recent developments in a constantly changing environment. Institute uses ICT tools in education to support, enhance, and optimize the delivery of education. The college is equipped with good infrastructure, ambiance, and adequate learning resources. The Institution has well-furnished classrooms and well-equipped labs for effective teaching-learning.
- The classrooms are equipped with ICT tools like projectors and labs are also equipped with smart boards and projectors.
- The institution is equipped with the necessary tools, including high-speed internet connectivity. Access of the Internet is provided to all students, the administrative office, and the library.
- Based on the context of the subject taught, staff prefers using ICT-based teaching while using chalk talk-based tools for explanation and illustration.
- Online facilities like Zoom, Webex, Google Meet, and software provided by Shri Shivaji Education Society (SSES), Amravati are used effectively for the online teaching-learning process.
- Online quiz competitions using tools like 'Quizzes' are

taken in starting of the session as an activity to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.

- Certain platforms like NPTEL, MOOC, and Google Classrooms are used for knowledge-sharing purposes.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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	No File Uploaded
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

94

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

31

File Description	Documents
Any additional information	View File
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

1104

File Description	Documents
Any additional information	View File
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 institute adheres to a policy of transparency in its internal assessment mechanism, encompassing factors such as attendance, assignments, sessional evaluations, practical files, laboratory performance, and viva voce examinations.
- Internal Examination: After the commencement of the semester each department conducts college-level two-unit tests according to the academic calendar and the internal marks are based on the marks of the two tests conducted along with other criteria to ensure transparency, the evaluated answer sheets are presented to the students for their review and signatures. The quality of the unit test question paper setting is referred to as Bloom's Taxonomy and CO attainment.
- External Examination: At the end of the semester, the affiliated university conducts examinations are conducted for all the courses. The questions will cover the entire syllabus and they are mapped with course and program outcomes.
- Technical Seminar Evaluation: Each student has to present a seminar in the seventh semester and be evaluated by a guide.
- Major Projects: Project groups are allotted to the faculty member based on their area of specialization. Reviews are conducted and evaluated by the project guide. An external viva is conducted and the marks are given by the external examiner and are submitted to the university.
- Lab: Continuous evaluation is done for laboratory and internal marks are given based on the internal lab examinations. The end-semester examination is conducted at the end of the semester and evaluated by an external examiner.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The academic calendar is prepared well in advance so that students know the tentative schedule of odd as well as even

semesters at the beginning of the academic session. Internal examinations are conducted with prior notice to students via the display of the timetable by department-level exam in-charge. So the occurrence of grievances is negligible. But there can be some unavoidable circumstances, due to which a student is unable to attempt the test. In this case, a prior intimation via application is submitted by the student to the class teacher and exam in-charge mentioning the reason. If the reason is found genuine, the student is granted permission. The reasons may include illness, participation in competitions/conferences/workshops/quiz by another college. If the student is ill he/she has to submit a medical certificate. If the student has participated in the event, the participation certificate is to be produced. During online sessions i.e. ODD semester students reported the loss of connectivity problems. In that case, an alternative assessment method is applied such as conducting retests or giving assignments to students. During online mode topic-wise online tests/quizzes were conducted as per the requirement of a subject which was also considered as a metric for calculating internal assessment marks along with regular metrics.

File Description	Documents
Any additional information	View File
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.

The POs and PSOs for every department are available on the college website and COs are conveyed to students by HOD and subject teachers in the initial meetings of every semester. Recently the syllabus for the engineering stream was modified by the affiliated university, SGBAU, Amravati, so COs for each subject are provided along with the syllabus. At the beginning of 2nd year, when the student enters the department after completing general engineering as a first-year course, an Induction program is conducted. In this program, the HOD briefs the newly entered students about the POs and PSOs. He also guides students about the roadmap to achieve these POs and PSOs. At the start of every semester, all subject teachers highlight COs for their respective subjects in initial classes.

The subjects in various semesters are interdependent or connected logically. So faculties convey the link of subjects to students such that the COs can be effectively achieved. The steps are conveyed to students regarding the attainment of COs. The COs and steps to achieve them are subject-dependent and may vary drastically.

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

Course outcomes (COs) are direct statements that describe the essential disciplinary knowledge, abilities that students should possess, and the depth of learning that is expected upon completion of a course. They are specified and communicated. In Outcome Based Education (OBE), assessment is done through one or more processes, carried out by the department, that identify, collect, and prepare data to evaluate the achievement of course outcomes (COs). The process for finding the attainment of Course outcomes uses various tools/methods. These methods are classified into two types: Direct methods and Indirect methods. For the evaluation and assessment of COs and POs, rubrics are used. Mapping of CO with PO and program-specific outcome (PSO) -This is done by distributing CO in hours according to the lesson plan. The mapping is done according to which CO corresponds to a specific PO. The average weightage of PO and PSO is calculated. As per the average weightage, the mapping targets range between the scale of 0 to 3 e.g. $25 < \text{average} < 40$ target scale will be 2.1. Direct Method - 2. Indirect Method

File Description	Documents
Upload any additional information	View File
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****192**

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	View File
Paste link for the annual report	Nil

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)**<https://coeta.ac.in/AQAR23-24/SSS.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)****6.92**

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

2

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	Nil

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**

35

File Description	Documents
Report of the event	No File Uploaded
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**

24

File Description	Documents
Any additional information	View File
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

34

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 Institutes carry the extension action activities through departments, department student forums, and NSS every year. The institute has received awards and recognition for extension activities. The details are given as under Consultancy: In the last five years, the institute generated revenue of around 1.5 crores through consultancy in the area of material testing, Architectural services, and an online examination center facility as an extension service. The Institute generates consultancy through different material testing like civil construction materials, polymer materials, and chemicals. The institute also generates the consultancy through online Exam Center through conducting various online exams. Community Impact: The institution's extension activities have made a positive impact on the neighborhood community. As a part of social responsibility, the institute carries out various activities like water testing camps, Tree plantation, and blood donation, these activities may include community service, outreach programs, social welfare initiatives, and engagement with local organizations. The faculties from our Institute were

part and parcel of the attempt for the Guinness World Record for the construction of part of the Highway road.

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

35

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

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

26

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
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

456

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

34

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

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

23

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 institution ensures that it has adequate infrastructure and facilities for effective teaching and learning. The institute is having lush green campus spread over 9.6 acres of land having a total build-up area of 19510 sq.mts. with G+2 & G+3 floors with adequate parking facilities. In addition to this, the Institute has an asset of 27 acres of land at Ridhora village, Akola. The Institute has an adequate number of classrooms, laboratories, and computing equipment, as well as ICT-enabled facilities such as smart classrooms and Enterprise Resource Planning software (ERP). The institution provides well-equipped and comfortable classrooms that create a conducive environment for teaching and learning. These laboratories are equipped with the necessary equipment, tools, and instruments to conduct practical experiments and research. Here's an overview of these facilities: Classrooms: They may be equipped with green boards/blackboards, projectors, audio-visual aids, and other necessary teaching tools to support effective instruction. Our Institute has 19 ICT enabled, well-furnished & ventilated classrooms plus 05 tutorial rooms. In addition to this, the institute has 03 digital smart classrooms with the provision of Multimedia learning, and WI-Fi connectivity. The college has also created an innovative 'Courtyard-Eco friendly Open Classroom'

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

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

The college has a dedicated sports Department with a full-time sports Director, Institute has outdoor sports facilities like Basketball, Handball, Volleyball court, Cricket ground, Kho-Kho ground and the students can play Indoor games like Table Tennis, Chess, and Badminton in Campus. Our Institute has always been keen to see the fitness amongst the students for which the institute provides a well-equipped gymnasium with around 78.00 Sq.m. area, where multi Gym facilities like treadmill, and weight for strengthening exercises are performed. The separate timings are maintained for Boys & Girls. The college has allotted a separate place on the campus where Yoga sessions are being conducted especially on International Yoga Day. These infrastructure and facilities demonstrate the institution's commitment to providing a conducive learning environment and supporting the adoption of technology in education. By ensuring the availability of well-equipped classrooms, laboratories, computing equipment, and ICT-enabled facilities. The institution aims to enhance the teaching and learning experience, promote active engagement, and facilitate the use of technology as a tool for effective education delivery

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

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

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

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

53.46

File Description	Documents
Upload any additional information	No File Uploaded
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 institute has an advanced central library with a total area of 845 sq.m. with a seating capacity of 150 students. Our library has a total 12464 numbers of titles and 40110 volumes, apart from this the book bonded old journals. Institute has received a grant from the Maharashtra Government's Social Welfare Department, Akola of Rs. 6, 00, 000/- under the Backward class student welfare scheme. The digital facilities and subscriptions available in the library: Integrated Library Management System (ILMS): The institution's library is automated with digital facilities using an Integrated Library Management System (ILMS) named PC Software purchased from Prizam Solutions Akola. It ensures the library functions

efficiently and provides convenient access to resources for faculty and students. The library is fully digitalized with a Bar Coding System using advanced ILMS Software. The ILMS automates various library functions, including cataloging, circulation, acquisition, and inventory management. It enables efficient organization and retrieval of library resources, making it easier for users to locate and borrow books, journals, and other materials. The ILMS may also provide online features such as online catalog search, self-checkout, and renewal options, enhancing the overall user experience. The library has e-book resources (EBSCO) more than 7000 engineering books

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to resources	A. Any 4 or more of the above
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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)

6.65

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

130

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 institution recognizes the importance of up-to-date IT facilities and provides sufficient bandwidth for internet connection. The institution provides computing equipment such as computers, laptops, and peripherals to support technology-enabled learning. Our Institute has a total of 730 computers out of which 646 are dedicated to the students . Internet Services / Wi-Fi Facilities: The institution offers campus-wide Wi-Fi connectivity to enable seamless Internet access for students, faculty, and staff. The Wi-Fi network covers all academic buildings, libraries, and common areas. These upgrades ensure reliable connectivity, faster speeds, and enhanced coverage throughout the campus. The institution recognizes the importance of sufficient internet bandwidth to support various online activities and research endeavors. The institute has a 1.1 GBPS internet speed facility. Our parent society Shri Shivaji Education Society, Amravati has provided the Subscription of LMS (Big Blue Button) in the pandemic period for online lectures. The Institute has subscribed the Google Classroom, Google Meet, ZOOM, and YouTube including live streaming and WhatsApp platforms for online contact hours& for the online training of the students. The Institute also

provides IT consultancy services in the form of an online examination center with a capacity of 200 students.

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

4.3.2 - Number of Computers

682

File Description	Documents
Upload any additional information	View File
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)

124.62

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 physical, academic, and support facilities including buildings, Laboratories, Classrooms libraries, Computers, etc. are made available for the stakeholders of the college and require maintenance and repair regularly. 1. Maintenance of infrastructure The college has separate maintenance departments for civil and electrical works that supervise the maintenance of buildings, classrooms, and laboratories . The maintenance department is headed by the maintenance engineer, who efficiently organizes the workforce, maintaining duty files containing details about their department-wise responsibilities, timings, leave, etc. The college lawn is maintained by the gardener appointed by the institute. 2. Maintenance of laboratory equipment: Repair and maintenance of expensive instruments is done through a contract with the related specified agency. Small equipment is repaired from time to time and maintained periodically by local skilled persons. 3. Maintenance of ICT: The college computers and accessories are monitored and maintained regularly by the Lab assistants under the supervision of the System administrator. The software updates, ICT tools, and internet-related problems are resolved. 5. Maintenance of sports grounds: The sports department of the college has adequate infrastructural facilities. used by students and staff. Maintenance of this ground is done by workers on a regular basis under the guidance of the sports director.

File Description	Documents
Upload any additional information	View File
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

986

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

10

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

<p>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</p>	<p>A. All of the above</p>
<p>File Description</p>	<p>Documents</p>
<p>Link to institutional website</p>	<p>Nil</p>
<p>Any additional information</p>	<p>View File</p>
<p>Details of capability building and skills enhancement initiatives (Data Template)</p>	<p>View File</p>
<p>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</p>	
<p>320</p>	
<p>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</p>	
<p>320</p>	
<p>File Description</p>	<p>Documents</p>
<p>Any additional information</p>	<p>View File</p>
<p>Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)</p>	<p>View File</p>
<p>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</p>	<p>A. All of the above</p>

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

125

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

5

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**3**

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.

10

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)

The student committees are formed in the academic session for the overall development & participation in every activity as follows: 1. **College Magazine Committee:** - The teacher in charge of student committees is formed under the College Magazine Committee for enhancement of the academic skills of various tasks: i) Technical Section Committee. ii) English Section Committee. iii) Marathi Section Committee. iv) Hindi section Committee. v) Sanskrit section Committee. vi) Urdu section Committee. vii) Departmental section Committee. 2) **Art & Photography Committee.** 3) **Startup India Committee.** 4) **Social**

Gathering Committee under it: i) Drama Committee. ii) Fashion Show Committee. iii) Dance Committee. iv) Orchestra Committee. v) Prize Distribution Committee. 5) SC/ST Atrocities Committee. 6) National Social Services Committee. 7) Unnat Bharat Abhiyan Committee. 8) Green Campus committee 9) National Association of students of Architecture Committee. 10) Library books Advisory committee. 11) Girls grievances committee. 12) Anti-ragging committee. 13) Music Club committee. 14) The Student Academic Association of each department to participate in the co-curricular & and co-curricular activities: Mechanical Engineering Student Academic Association (MESAA); Chemical Engineering Students Sports, Cultural & Academic Association (CESSCAA); Architecture Students Academic Association (ASAA); Civil Engineering Students Academic Association (CESAA)

File Description	Documents
Paste link for additional information	Nil
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

67

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Our Institute has a registered Alumni Association. The Alumni Association is registered under the Society's registration act 1860(XII Of 1860) in 2008 and the registration number is Maharashtra/172/2008. The institution is proud of its vibrant and active Alumni Association, which plays a significant role in the development of the institution through both Academic and financial support. The Alumni Association serves as a platform for alumni to stay connected with their alma mater and actively contribute to its growth and success. The Alumni Association contributes Mentoring and Career Guidance: The Alumni Association provides mentoring and career guidance programs for current students. Alumni with industry experience and expertise volunteer their time to mentor and guide students in their career paths. They share their knowledge, provide insights into different industries, offer internships and job opportunities, and help students develop professional networks. This support enhances students' employability and facilitates their successful transition into the professional world. Guest Lectures and Workshops: Alumni are invited as guest speakers for lectures, seminars, and workshops. Financial Support: Alumni members contribute financially to the institution through various means. This may include making monetary donations, sponsoring scholarships or grants, and providing funding for infrastructure development or specific projects.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) **E. <1Lakhs**

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

The institution's governance and leadership align with its vision and mission, which is evident in various institutional practices. The Vision of the Institute: In full obeisance to the vision and foresight of Dr. Panjabrao alias Bhausaheb Deshmukh this college will strive tirelessly to educate and qualify the students who are future engineers and technocrats to take up the challenges of the modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of society. Mission of the Institute: Technical education for individual, social, and national development with global acceptance, by providing the relevant infrastructure with due consideration for our culture and the environment. The institution ensures that its governance and leadership reflect its vision and mission: NEP Implementation: The institution actively embraces and implements the National Education Policy (NEP) guidelines. This includes promoting learner-centric approaches, interdisciplinary studies, holistic development, and fostering innovation and research. The institution ensures that its governance and leadership support the effective implementation of NEP initiatives. Contributing to National Development: Activities like the Energy Literacy Drive along with Energy Conservation Measures are taken to justify our contribution to the nation-building process. Decentralization: Etc.

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

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

The institution adopts a decentralized governance structure that encourages participation and shared decision-making. Decentralization ensures that the institution's governance and leadership are inclusive, transparent, and responsive. The governing body of the Institute exercises general supervision and control of the affairs of the college. It formulates strategic policy decisions in the interest of faculty and students. For proper deployment and execution purposes, a core committee named the College Development Committee is formed which consists of representatives of management, institute, teachers, and nonteaching staff along with members from

industry and the outside world. For smooth conduction of academics and administrative work, the college and departmental portfolio distribution is carried out and the portfolio is allotted to almost every faculty in the institute as a part of decentralization. Depending upon the area of interest, a faculty is chosen on a committee formed to look after different academic, curricular, and co-curricular activities.

Institutional Perspective Plan: The institution develops short-term and long-term Institutional Perspective Plans (IPP) that outline the strategic goals, priorities, and actions required to achieve its vision and mission. The governance and leadership structures facilitate the formulation and implementation of the IPP, ensuring alignment with the institution's overall objectives and aspirations.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution effectively deploys its Institutional Perspective Plan (IPP) and the formation of a new Institutional Development plan is in progress and both of them ensure that the functioning of its institutional bodies is efficient and effective. This can be observed through various aspects such as policies, administrative setup, appointment processes, service rules, and procedures. Here's an overview of how the institution demonstrates effectiveness and efficiency in these areas:

- Administrative Setup:** The institution establishes an administrative setup that supports effective governance and leadership. This includes a well-defined organizational structure with clear roles, responsibilities, and reporting lines. The administrative setup facilitates smooth coordination, communication, and implementation of institutional plans and policies. It ensures that decision-making processes are streamlined and efficient. The institute has a comprehensive internal organizational structure and decision-making process too.
- Internal Quality Assurance System:** well-defined processes and systems are in place to ensure adherence to quality in all aspects of the Institute's functioning. The IQAC works with different divisions to find

areas of improvement and suggest new changes and improvements for quality enhancement. IQAC committee put up the decisions before the Statutory authorities of the Institute. Mechanisms are in place for periodic review of administrative, academic, and research activities. Academic Division, Administrative Division, Research and Development Division, Alumni Affairs Division.

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 institution effectively deploys its Institutional Perspective Plan (IPP) and ensures that the functioning of its institutional bodies is efficient and effective. This can be observed through various aspects such as policies, administrative setup, appointment processes, service rules, and procedures. Our Institute has started and is on the verge of finalization of the new Institutional Development Plan 2024-29. Here's an overview of how the institution demonstrates effectiveness and efficiency in these areas:

- Administrative Setup:** The institution establishes an administrative setup that supports effective governance and leadership. This includes a well-defined organizational structure with clear roles, responsibilities, and reporting lines. The administrative setup facilitates smooth coordination, communication, and implementation of institutional plans and policies. It ensures that decision-making processes are streamlined and efficient.
- Internal Quality Assurance System:** well-defined processes and systems are in place to ensure adherence to quality in all aspects of the Institute's functioning. The IQAC works with different divisions to find areas of improvement and suggest new changes and improvements for quality enhancement. IQAC committee put up the decisions before the Statutory authorities of the Institute. Mechanisms are in place for periodic review of administrative, academic, and research activities. Academic

**Division, Administrative Division, Research and Development
Division, Alumni Affairs Division, appointment processes,
service rules procedures**

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
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 institution has effective welfare measures in place to support the well-being of its teaching and non-teaching staff. These measures may include health and medical benefits, insurance coverage, and employee assistance programs. The institute has finalized the draft of a new Faculty Appraisal Policy and being implemented from the session 2024-25. Our Institute, which, provides Financial help to needy people on Medical grounds, a Ph.D. research fee waiver scheme, and access to professional development opportunities. Group insurance scheme & Gratuity provision is made for the staff in the institute, The institution prioritizes the welfare and work-life balance of its employees, ensuring a supportive and

conducive work environment. Our Institute has a Salary Earners Society that takes care of staff welfare by providing education loans, advances, loans for medical emergencies, and Diwali gifts. The institute provides festival advances. The uniform is provided for all class III & IV employees. The institution provides avenues for career development and progression for both teaching and non-teaching staff. The institution encourages staff members to upgrade their skills, pursue higher education, and engage in research and innovation. Our Institute encourages Faculties to participate in workshops/conferences. Also, encourage the organizing of STTP/Faculty development programs (FDP) to upgrade knowledge in different developing areas.

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

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

2

File Description	Documents
Upload any additional information	View File
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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
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

46

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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 a well-defined performance appraisal system in place to evaluate the performance of its employees. The system includes objective criteria and evaluation processes

that assess the teaching and non-teaching staff's contributions to their respective roles and responsibilities. Performance appraisals provide valuable feedback, identify areas of improvement, and recognize exceptional performance. In our Institute, the self-appraisal form is filled out by the individual staff members and is further forwarded to Heads of the section/ Departments after getting their comments/remarks on self-appraisal, it is then forwarded to the Principal's office for evaluation. Assessing the performance is based on the performance indicators: The performance appraisal system for staff to evaluate their performance is as under The standard self-performance appraisal format is filled by individuals and submitted to the Principal through the Head of the Department with a due remark. There is a separate performance appraisal form for teaching and non-teaching faculty. While designing the self-performance appraisal form, care is taken to include the academic and extracurricular duties performed by the faculty. Due weightage is given to all the activities. Self-appraisal is evaluated by the Head of the section/department and is graded on a good to poor scale. Good work is appreciated.

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

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

The college conducted internal and external financial audits every year regularly. Financial Audit: The college has an internal financial audit mechanism for a preliminary audit of all financial matters. For financial transactions, Campus- ERP software is installed. Through this software, all the accounts i.e., salary - non-salary, grants, scholarships, and other accounts are maintained as per account rules and regulations. The cashbook and ledger books are regularly checked by the accountant. The vouchers are properly placed in the files for account verification. The parent institute appoints a registered Chartered Accountant for internal financial audit. Annual Internal Audit is conducted by auditors /CA firms

appointed by the organization. The Internal Auditor is entrusted with the job of checking the payments, approvals, compliance with rules and regulations, purchase procedures, proper deduction of income tax, timely deposit of TDS, GST, etc. The Chartered Accountant verifies all the financial matters i.e., vouchers, ledgers, cash books, bank details, and all the account details. After minute verification of the financial entries, he prepares an audited statement i.e. receipt and payment, income and expenditure. The internal financial audit is deemed a preparatory exercise for the external financial audit.

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

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)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	View File
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

The Institute has effective strategies to monitor the efficient utilization of financial resources. The financial budget pertaining to the functioning of the college is prepared in due consideration of the probable expenses incurred and incomes mobilized. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumables required for the next academic session. Approval for the budget

is obtained in the Purchase Committee meeting. The Institute ensures that expenses are incurred for the purpose of implementing institutional plans. Quotations are evaluated, compared, and negotiated with suppliers, and orders are placed. The payments are released after the delivery of the respective goods it is done as per the terms and conditions. Our institute is self-financing on a non-grant basis. So, we have income in the form of fees only. This income has to be utilized as per the government's directions. The college utilizes and maintains the accounts as per account norms. An internal financial audit is carried out in every financial year. Proper utilization of the grants, stock register, and related documents are verified by them periodically. The final Annual Audit is conducted by a Chartered Accountant.

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

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

The IQAC monitors and channelize the efforts taken by the institute for academic excellence. The institution reviews its teaching-learning process, structures, and methodologies of operations and learning outcomes at periodic intervals through IQAC in different ways. Regular meetings of IQAC are conducted to collect feedback from all the stakeholders and analyze for incremental improvements of the Institution. The institute signed MOUs with other institutions for quality initiatives and participated in NIRF. IQAC initiated incremental improvements for quality enhancement in the last five Years. IQAC initiated to improve the ICT facilities in the college for teaching and learning purposes during the last five years. Comparatively, the ICT facility of the college was observed to be increased. It is discussed in IQAC meetings and resolved to strengthen the ICT facility for an effective teaching-learning process. Academic auditing is a provision for internal review of the academic process. The internal quality assurance system is aligned with the requirements of external quality assurance agencies in all aspects. The institute's IQAC has devised an effective and vibrant student feedback mechanism. To ensure

close monitoring and effective teaching and learning, IQAC schedules and executes mid-term and end-term feedback.

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

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 IQAC monitors and channelize the efforts taken by the institute for academic excellence. The institution reviews its teaching-learning process, structures, and methodologies of operations and learning outcomes at periodic intervals through IQAC in different ways. Regular meetings of IQAC are conducted to collect feedback from all the stakeholders and analyze for incremental improvements of the Institution. Academic auditing is a provision for internal review of the academic process. The internal quality assurance system is aligned with the requirements of external quality assurance agencies in all aspects of the institute's operation, with a focus on the quality of the teaching and learning process faculty members review the teaching and learning process. Subject allocations done as per the faculty's specializations and experience. This is reviewed monthly by the respective head. The institute's IQAC has devised an effective and vibrant student feedback mechanism. To ensure close monitoring and effective teaching and learning, IQAC schedules and executes mid-term and end-term feedback. The Dean (Academics) conducts a review of the teaching and learning process with input from departments. Based on the recommendations, critical observations and issues are escalated to the concerned Head of the Department for necessary corrective measures.

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

6.5.3 - Quality assurance initiatives of the

A. All of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
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

Our Institute fundamentally believes in a co-education system. Over the past five years, our institution has made significant efforts to promote gender equality and create a gender-sensitive environment on campus. These initiatives include gender equality, extracurricular and co-curricular activities that address gender issues, and the provision of facilities specifically designed for girls students. The institution has conducted gender equality to assess the prevailing gender-related issues, identify gaps, and develop strategies for promoting gender equality. These measures involve analyzing the representation of women in various aspects of the institution, including enrolment where 30% of seats are reserved for female candidates, faculty composition, leadership positions, and decision-making bodies. Our institution organizes a range of gender sensitization, co-curricular activities that promote gender equality, and sensitization for students, faculty, and staff members. An Equal Opportunities Centre (Samaan Sandhi

Kendra) extension counter is available for students in the Institute campus premises as per the guidelines of the Department of Social Welfare Govt of Maharashtra. The institution also prioritizes women's safety by implementing security measures, including surveillance cameras, fire safety Etc. also has a dedicated Internal Complaint Committee (grievance Committee) to address any grievances or concerns safety and well-being of the female students. Support Services:

File Description	Documents
Annual gender sensitization action plan	https://coeta.ac.in/AQAR23-24/7.1.1.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	https://coeta.ac.in/AQAR23-24/7.1.1.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
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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

Our institution has a deep concern for protecting the environment, health, and well-being through the implementation of effective waste management practices such as segregation, recycling, and composting. Promoting the consciousness of generating less waste among students, staff, and faculty members has also been adopted. Our housekeeping staff, gardeners, and sweepers help in the segregation of waste. It is segregated at the source and collected by the sweepers to

dispose of properly in the dumping yard. our institute works on a paperless concept through the digitization of office procedures through electronic mediums 1 which helps thus in reducing paper-based waste and ultimately reduces carbon dioxide emissions. The use of paper printed on one side is encouraged in sending faxes, print drafts before final documents, meeting minutes, and notes in office practices as an environmentally preferred alternative to waste management to reduce pollution. Students are encouraged to use waste paper and newspapers in creative practices during various extracurricular activities such as Wall Magazine, Waste to Best, etc. Tree waste is collected from all around the campus and used for composting, compost so produced is used in organic farming. The institute authorities are taking initiatives to make the campus paperless.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	Nil
Any other relevant information	View File

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	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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	View File
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

A. Any 4 or all of the above

reading material, screen

reading

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	No File Uploaded
Any other relevant information	View File

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).

Our institution believes in the equality of all cultures and traditions as is evident from the fact that students belonging to different castes, religions, and regions are studying without any discrimination. Though the institution has a diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio-economic, and other diversities. With great enthusiasm, the national festivals, birth anniversaries, and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri are celebrated every year. In our college teachers supporting staff, and students jointly celebrate cultural and regional festivals, like traditional day, teacher's day, orientation and farewell programs, Induction programs, rallies, plantation, Youth day, Women's day, Yoga day, etc. religious ritual activities are performed in the campus. Motivational lectures of eminent persons in the field are arranged for the all-round development of the students for their personality development

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

Our institute organizes various programs for the promotion of Constitutional values, rights, duties, and responsibilities of citizens, which are aimed to familiarize with Fundamental Duties and Rights. We celebrate Independence Day on the 15th of August and 26th of Jan on every year. The day marks the importance of freedom and independence, on this day, a Flag hoisting ceremony is organized followed by a recitation of the National Anthem. Our Institute organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. our Institute organizes a Covid Vaccination Camp and Blood Donation Camps on our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women's Day to mark the achievements of women throughout history. Similarly celebrates World Environment Day on the 5th of June every year to ensure Environmental concern. Similarly, our institute organizes Swachch Bharat Abhiyan.

File Description	Documents
Details of activities that inculcate values; necessary to render students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

Our Institute celebrates and organizes various programs for national and International commemorative day events and festivals. Celebration of Independence Day, Republic Day, International Yoga Day, Innovation Day (Dr.A.P.J Abdul Kalam's birth anniversary), International Women's Day, and Engineers Day. Indian Constitution Day With great enthusiasm the national festivals, birth anniversaries, and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri, Shtrapati Shri Shivaji Maharaj, Savitribai Phule Etc. are celebrated every year. Our Institute celebrates the birth anniversary of our Founder president Hon Dr. Panjabrao alias Bhausaheb Deshmukh from 25 Dec to 27 Dec 2021 by organizing various students as well as faculty activities during the event.

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.

Practice-1:Title of the Practice: Enrichment of Skill Sets of Student for Employment graduates

Objectives of the Practice:.. To train the students for additional skills than academics.

The Context:

There are many careers in engineering, but these principles guide the role of an engineer. Hence they need a wide skill set Key skills for engineers. Effective technical skills.,. Problem-solving skills.

The Practice:

Institute organizes the CRTP and Capgemini Training for the U.G. Students., Industrial training and internship since the second year of the UG program Imparting need-based training to the students to enhance employability and entrepreneurship Evidence of Success:UG Students Internship in Industry through Training: 13

PRACTICE #2

Title: Interdisciplinary & Industry-based Project Practices:

The Context: Interdisciplinary work is the process of developing an integration of methods that are traditionally thought of as separate fields. It is a professional learning experience that offers practical work related to a student's field of study or career interest. Interdisciplinary work gives the opportunity to explore and develop a project in the multidisciplinary domain and to learn new skills.

Students can work unitedly during the project work and a working module was developed.

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

Education and Skill Development: The institution has also developed campus recruitment training programs (CRTP) initiatives to enhance employability and entrepreneurship among the local youth. Our parent Society, Shri Shivaji Education Society Amravati provides a special scholarship of Rs. 25,000/- to 30,000/- per student per year to the economically weaker student for four years i.e., till the completion of his course. Our Institute started the Online Examination Center as an Extension service for rural students and their progression. The online examination center was started in December 2019 with a capacity of 200 PCs in a single lab.

Employability for Students: Understanding various global job avenues, the institution strives continuously and sincerely to mold the students as qualified manpower by imparting deeper knowledge, critical skills, and transferable competencies.

Quality Education: The institution ensures the quality of education through quality teaching, state-of-the-art infrastructure, research and development, preparation of curricula and syllabi in cutting-edge technologies, better industry-institution interaction, healthy and productive academic ambiance, and co-curricular and extracurricular activities including internships.

Appreciation of Intellectual Excellence: The institution duly recognizes the intellectual accomplishments of both students and faculty members. Numerous endowment awards are instituted for suitably appreciating the achievers on all occasions.

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

7.3.2 - Plan of action for the next academic year

- Launch new programs / Certificate Courses in the institutes and increase the number of quality students in different programs.
- To go for Autonomy.
- To Get all the courses NBA Accredited, Achieve A++ grade of NAAC accreditation. Improve ranking in the National Institutional Ranking Framework (NIRF).
- To start Short Term Skill Development Courses (As per UGC Guidelines).
- Innovation and Incubation centre to take affiliation from

Laxminarayan Innovation Technological University (LIT), Nagpur.

- Internationalization through MOU
- Enhancement in Consultancy / Testing and explore new areas for testing
- To receive the research grants / funding from Government organizations
- To Establish the R & D Center.
- Increase seed money grants for Major/minor research projects.
- Special Budget allocation of 5% for research and development
- Modernize different laboratories in various departments.
- To establish digital / ICT infrastructure in view to establish digital learning.
- Proposed to convert the workshop to G+2 or G+3 and to be constructed

phase-wise in view to accommodate the students of Skill Development and

other New Courses.