



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	College of Engineering and Technology, Akola
• Name of the Head of the institution	Dr. S. K. Deshmukh
• Designation	Professor & Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07242259024
• Mobile No:	7387523332
• Registered e-mail	principalcoeta@gmail.com
• Alternate e-mail	principalcoeta.info@gmail.com
• Address	At Post Babhulgaon (Jh), NH 6
• City/Town	Akola
• State/UT	Maharashtra
• Pin Code	444104
<b>2.Institutional status</b>	
• 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.	8805595228				
• Mobile	9822641908				
• IQAC e-mail address	profskpatil@gmail.com				
• Alternate e-mail address	profskpatil@gmail.com				
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="http://coeta.ac.in/LinkFiles/COETA%20AQAR%20%2019-20.pdf">http://coeta.ac.in/LinkFiles/COETA%20AQAR%20%2019-20.pdf</a>				
<b>4. Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://coeta.ac.in/LinkFiles/Academic%20calender%202020-21.PDF">http://coeta.ac.in/LinkFiles/Academic%20calender%202020-21.PDF</a>				
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.27	2017	27/11/2017	26/11/2022
<b>6. Date of Establishment of IQAC</b>			02/12/2016		
<b>7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
1. Chemical Engineering/ Dr.P.V.Thorat	SPDP	AICTE	year of Award-2018 Duration- 3 years	1491000
2. Civil Engineering/Dr. S.K.Deshmukh	MPCB	MPCB	SINCE 2009 AND extended since 2009 annually	681000
3. Civil Engineering/Dr. S.K.Deshmukh	MODROB	AICTE	2018 and duration 2 years	1815961

<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>		
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>		
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>			

<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>			
<p>? Future plans of action for next academic year 2020-21 was placed in CDC meeting held on 14 March 2020 and got all the points approved. ? Encouraged faculty to do Ph.D. so as to initiate for Research activities. Result of that is number of Ph.D. holder</p>			

faculty in increased more than 2.25 times. ? Recommended to improve cadre ratio in CDC. And CDC has positively accepted the recommendation and it is under process. ? AICTE has sanctioned grant of Rs.14,91,000/- for SPDP to the institute. Also AICTE given MODROB grant of Rs.18,15,961/- to the institute. ? Targeted Placement hence improving interaction with industry and institute. ? Implementation of action plan for overall quality up gradation of institute through IQAC Task force. ? Encouraged innovative practices in teaching.

## 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
Promoting Research in the institute	numbers of Ph.D. Teachers increased from 12 to 26
Promoting students to take projects on real life problems.	Students have taken up many projects in collaboration with local Industries
Promoting teachers to identify industrial problems of nearby industries and provide them effective and practical solution.	Teachers have visited industries and taken up their problems in projects also the water quality testing was also done free of cost in near by villages.
Encouraging Departments to set up link with local industries through MOU's	Institute has active 21 MOU's
Every students from 3rd year onwards be sent for Industrial or practical training	Students are normally sent but due to pandemic the activity was slower down. Number of students participated in 51 extension activities during the year are 1608
Promoting teachers to undertake higher level Training on their topic related to regular teaching and area of interest in research for enhancing quality in teaching.	Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year are 11
Encouraging teachers to participate in research paper presentation in conferences and publishing papers in Journals.	45 No of papers published in journals notified on UGC website In 2020-21 as well as 11 number of books and chapters in edited

	volumes/books published and papers in national/international conference proceedings during the year				
Encouraging teachers to conduct conferences and workshops in the institute	17 Total number of Seminars/conferences/workshops conducted by the institution during the year				
One Team of Teachers from every department be sent to visit at least one reputed technical institutes like NIT and IIT to study their work culture, to see the opportunity for tie up's.	Due to pandemic this could not be initiated				
The opportunity should be given to one deserving teacher every year for presenting research paper abroad. The college should bear 50 % expenses of travel and stay. This will create opportunity to start tie ups with universities abroad.	Due to pandemic this could not be initiated				
<b>13. Whether the AQAR was placed before statutory body?</b>	Yes				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>IQAC Committee</td> <td>14/05/2022</td> </tr> </tbody> </table>		Name	Date of meeting(s)	IQAC Committee	14/05/2022
Name	Date of meeting(s)				
IQAC Committee	14/05/2022				
<b>14. Whether institutional data submitted to AISHE</b>					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2020-21</td> <td>21/02/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2020-21	21/02/2022
Year	Date of Submission				
2020-21	21/02/2022				
<b>Extended Profile</b>					
<b>1. Programme</b>					
1.1	7				

Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>2.Student</b>		
2.1 Number of students during the year		1200
File Description	Documents	
Data Template	<a href="#">View File</a>	
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		967
File Description	Documents	
Data Template	<a href="#">View File</a>	
2.3 Number of outgoing/ final year students during the year		326
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1 Number of full time teachers during the year		84
File Description	Documents	
Data Template	<a href="#">View File</a>	
3.2 Number of Sanctioned posts during the year		84

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	33
4.2 Total expenditure excluding salary during the year (INR in lakhs)	4568186
4.3 Total number of computers on campus for academic purposes	657

### **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

Start of every session, The Principal calls meeting with Heads of the Department (HOD) all deans and faculty members to plan academic calendar. This is followed by all Departments of the institute. In every department, a meeting is held with faculties to discuss about teaching load and portfolios are distributed among faculties. Subject allocation to the faculty is done as per area of specialization and their interest by HOD. Subject distribution is planned well in advance for proper academic implementation.

Departmental portfolios (such as class teacher, test in-charge, project and seminar in-charge, academic in-charge etc.) are reassigned from one to other faculty on yearly or three yearly-bases for effective implementation. Lab manual, course files, practical and teaching plans are prepared by faculty for the respective subject.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="http://www.coeta.ac.in/LinkFiles/Academic%20calender%202020-21.PDF">http://www.coeta.ac.in/LinkFiles/Academic%20calender%202020-21.PDF</a>

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

The academic calendar is prepared with objective of planned academics in the institute. The academic calendar lays down details of all the important academic and cultural activities in the institute. It also gives details of people responsible for different activities. The academic calendar plans the following

1.Regitration of students

2.Class Test-1

3.Class Test-2

4. Remedial Classes

5.Preparation/Revision

6.Feedback by Students

7.University Examination

8. Seminar Presentation and Submission (Final Year Seventh Sem)

9. Project Presentation and Submission ( Final Year Eighth Sem)

10. Clearance (All students)

Along with the above continuous evaluation in class, practicals, activities, assigned work is going on by class teachers, subject teachers, project and seminar guide and the teachers in-charge of activities



File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **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	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

605

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

605

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

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

School of Architecture provided a platform of FORUM for students to generate their skills in Architecture and Other Professionals. The academicians, Professionals and Artists from relevant fields are invited on the platform of Forum where students can learn various activities to create self confidence and Environmental consideration while implementing the knowledge in Architectural Design Studio

`1

S.No

Name of Subject

**Crosscutting Issue Addressed**

1.

**Environmental Studies**

**Environmental Sustainability**

2.

**Economics and Management**

**Human Values, Gender, Professional Ethics**

3.

**Industrial Waste Treatment**

**Environment and Sustainability**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

**3**

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

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

212

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	No File Uploaded

### 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**

**B. Any 3 of the above**

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

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>C. Feedback collected and analyzed</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of sanctioned seats during the year</b>	
376	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>
<b>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)</b>	
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>	
146	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>
<b>2.2 - Catering to Student Diversity</b>	
<b>2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners</b>	
In teaching-learning process assessing the learning levels of students is utmost important. This activity divides the class into slow learners and advance learners .The assessment can be monitored in classroom or via exams. The slows learners are identified on the	

basic of slow response time and less concentration. For slow learners the procedures carried out are remedial classes, sharing learning video link, online tutorials and additional assignments. Advances learners can be identified on basis of prompt responses and topic related queries . The faculty allows student to select topic of his/her choice and present in the form of seminar. A group activity is assigned to interested students and evaluated by faculty. Advance learners are motivated to participate in webinars and conferences on relevant technical topics which helps them gain more knowledge apart from syllabus. Handling students which different learning leaves is a critical task as the differences are not to be highlighted but knowledge gain by each student should be ensured. The prize winners in various events are felicitated at the hands of principal in annual function of the institute.

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

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

Number of Students	Number of Teachers
1198	84

File Description	Documents
Any additional information	No File Uploaded

### 2.3 - Teaching- Learning Process

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

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

Upload a description in maximum of 200 words

File Description:

- Upload any additional information
- Link for additional information

Considering student diversity in terms of learning levels, various student-centric techniques are to be implemented for effective learning experiences. The experiential learning involves actually implementing the concepts with available resources. It involves activities like field work, role play, industry visit, mock activity and survey. These activities provide individual learning and collaborative learning exercises to students which help them streamline their goals. Participative learning involves group work like mini-projects or poster presentations. Working in teams gives multi-folded benefits to students and boost their employability skills. Problem solving techniques involve case study and assignments via Google class room, These are evaluated by faculty on basis of problem identification, problem analysis, planning and implementation. All these techniques are useful in overall development of students.

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

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

The academic session 2020-21 was conducted completely online due to persistent pandemic situation. Therefore the use of ICT enabled tools was mandatory and was effectively enforced for teaching learning process. Various ICT tools and resources were incorporated to share knowledge and information to students. Tools include devices, equipments and software such as desktop, laptop, computers, projectors, smart phones and licensed softwares. Resources included OER (open educational resources) and material shared via Google classroom and virtual labs. Internet was the medium for sharing tools and resources. The online facilities like Zoom, Webex, Google meet, software provided by our parent society (SSES Society) were used effectively for online teaching learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">video conferencing tools like</a>

**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.	No File Uploaded
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	No File Uploaded

**2.4 - Teacher Profile and Quality****2.4.1 - Number of full time teachers against sanctioned posts during the year**

84

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

**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**

23

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



**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**

36

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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.

Due to persistent pandemic situation the academic session 2020-21 was completely (ODD as well as EVEN semester) carried out online. The assessment of students was based on online metrics used. The internal assessment involved various metrics like 2 Unit Tests per subject per semester, assignments (subject-wise), topic-wise seminars, semi-projects (if relevant to a particular subject), viva/oral exam, surprise tests in class. The department level internal exam in-charge handles the unit tests and other metrics are handled by respective subject teacher. The students can immediately know their performance and improve accordingly.

The process of internal assessment is carried out at the end of each semester. The subject-wise and metric-wise marks are collected department-wise and committee under HOD evaluates the performance. According to this evaluation internal assessment marks are awarded to students subject-wise. If required retest is scheduled for a particular subject on recommendation. The internal assessment process is robust, transparent and is monitored by dean academics via meetings with HODs of all departments.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

and efficient

Internal examinations are conducted with prior notice to students via display of 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 student to 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 competition/conference/workshop/quiz by other college. If the student was ill he/she has to submit medical certificate. If the student has participated in event, the participation certificate is to be produced. The alternative assessment method is applied to such cases like conducting retest or giving assignment to student. In the interest of student, such grievances are handled leniently.

File Description	Documents
Any additional information	<a href="#">View File</a>
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 PO and PSO for every department are available on college website and COs are conveyed to students by HOD and subject teachers in the initial meetings of every semester. At the beginning of 2nd year, when the student enters the department after completing general engineering at first year course, an Induction program is conducted. In this program, HOD briefs the newly entered students about the Program outcomes and program specific outcomes. 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 steps are conveyed to students regarding attainment of CO. The course outcomes and steps to achieve them are subject dependent and may vary drastically. Hence it is utmost necessary to mention PO and CO in the beginning of each academic session.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	No File Uploaded

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

The evaluation of PO and CO is a critical task and involves various metrics depending upon the concerned program. Some of the metrics used can be stated as follows.

Students are encouraged to build and test their proposal in a real scenario. Site visit, workshops, expert lectures etc were arranged to achieve the programme outcomes. Better link between theoretical concepts and practical implementation is explored through extensive discussion with working professionals. This can lead to multiple learning outcomes.

Students' participation in inter-college competitions at State, National and International level is a metric for evaluation of attainment of PO & CO. The students' participation in such events justifies that PO and CO are achieved successfully.

The placement of students is an indicator that the graduated students are acceptable incorporate world which is the key PO for any branch.

Compliments from working professional regarding student's work, participating competitions and enhancement of employability are major evaluation metrics to justify attainment of PO and CO.

We strive hard bridge the gap between academics and industry by organizing various mapping activities.

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

<b>2.6.3 - Pass percentage of Students during the year</b>	
<b>2.6.3.1 - Total number of final year students who passed the university examination during the year</b>	
265	
File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil
<b>2.7 - Student Satisfaction Survey</b>	
<b>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)</b>	
<a href="http://www.coeta.ac.in/LinkFiles/Student%20Satisfaction%20Survey%2020-21.pdf">http://www.coeta.ac.in/LinkFiles/Student%20Satisfaction%20Survey%2020-21.pdf</a>	
<b>RESEARCH, INNOVATIONS AND EXTENSION</b>	
<b>3.1 - Resource Mobilization for Research</b>	
<b>3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)</b>	
<b>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)</b>	
39.87961	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**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**

3

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
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**

17

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**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**

45

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 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

11

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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

1. The impact of extension activities in sensitizing students to social issues and holistic development may be described in different activities conducted by the students under different platforms. The platforms made available to students are Students Association(CESSCAA), NSS, UNNAT BHARAT, Cultural Programs etc. The students perform activities like water testing under the students association of departments. They come to know about the water quality in particular area. They interact with the people of the area and gain knowledge. The testing process also teaches them organizing skills along with enhancement in professional skills. During the process their inter and intra personal skills are also sharpened. The ability to make and take decisions also improves. Their interacting abilities grow. Through NSS & CESSCAA the students organize tree plantation, Blood donation, Safety Workshops, Personality Development Workshops which lead to all round development of the students. Each department of the institute has its students association. Each student association conducts its own programs. These associations focus on making

the students responsible towards the society.

**2. COVID VACCINATION CAMP**

3. Covid vaccination camp was organized by the institute in the college between the dates 26/10/2021 to 29/10/21.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

36

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**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**

47

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

**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**

51

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

39

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

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

21



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

## 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 adequate availability and optimal utilization of physical infrastructure for teaching learning activities as a well maintained green campus spread over 9.6 acres of land on which building construction is 19510 sq. mts. And 27 acres land at Ridhora.

For conducting theory classes College encompasses sufficient number of well-furnished, well ventilated, spacious classrooms. Also some classrooms equipped with LCD projectors. 'Court yard - Eco-Friendly Open Class Room' is an initiative to provide the importance of nature in the process of teaching and learning, cultivated in the campus. The College has ICT Classrooms along with smart classroom, where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given. The College has multiple seminar halls. These halls are regularly used for conducting national - international seminars and conferences at the college to encourage the students for active involvement in paper presentations, group discussions etc. The laboratories in the college are established as per AICTE and SGBAU norms. All laboratories are equipped with advance and well maintained equipment and facilities Labs have sufficient licensed software and open source tools to provide the requirements of curriculum & industry enabled teaching.

File Description	Documents
Upload any additional information	No File Uploaded
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 institute integrates sports and extra-curricular activities as essential components along with core courses and the continuous evaluation by providing adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

**Sports:** The College provides better infrastructural facilities for the indoor and outdoor games. Department of Physical Education motivated students by providing expert training guidance.

**Gymkhana:** The campus has gymnasium, it is equipped with multi-gym, advanced treadmill, weights for strengthening exercises. The fitness centre is free to use for all students as well as for staff and have separate timings for girls & boys.

**Cultural Activities:** The College has many seminar hall and auditorium hall. These places are always available for the students to perform cultural activities. The college students always participate in different events like Plays, Mimes, Folk Dance, One Act Plays, Street Plays etc. in university inter-collegiate, State and National level. Every year college organizes an Annual cultural Function called ?Shivgandha?, where students participate in many cultural activities.

**Yoga:** The Institute also provides space for practice of yoga and periodically conducts yoga sessions for students and staff. College celebrates the yoga day every year in the college campus.

File Description	Documents
Upload any additional information	No File Uploaded
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**

19

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

1.34

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

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

- Name of ILMS software - PC software
- Nature of automation (fully or partially) - Partially
- Version- 1.0
- Year of Automation - 2009

File Description	Documents
Upload any additional information	No File Uploaded
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 toe-resources**

C. Any 2 of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

**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)**

295276

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

**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**

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

### 4.3 - IT Infrastructure

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

As, the demand for internet access is increasing in educational campuses due to growing standard of education, college is stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. Institution frequently updates its IT facilities including Wi-Fi IT facilities have been updated on regular basis. Also, new IT equipment has been purchased as per the requirements.

In the recent years, to upgrade computer labs institute purchased 40 new desktop systems of latest configuration and 100 new monitor to upgrade computer labs. Also 9 New BENQ projectors and projector screen were purchased to support ICT. These projectors were used in different classrooms. In addition above Institute also purchased 100 new desktop to upgrade existing computer laboratories in last year. To support ICT HP sever ML30 XEON processor 4 Core tower model were purchased.

To maintain computer laboratories, regular purchasing of mouse/RAM and other hardware components are also done. CCTV cameras with five CCTV DVR are also installed to keep surveillance in entire campus.

Overall in every year, our computer laboratories were upgraded or new laboratories set up for new requirements. Since 2017, we are using 100 Mbps Internet speed in our campus.

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

#### 4.3.2 - Number of Computers

657

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

B. 30 - 50MBPS

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

**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)**

4093896

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 the support facilities including Building, Laboratories, Classrooms Library and 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 engineer conducts periodic checks to ensure the working condition of the infrastructure. Housekeeping staff is employed to thoroughly maintain hygiene, cleanliness and infrastructure on the campus so as to provide a pleasant learning environment. . The college lawn is maintained.

Working condition of all properties and equipment on the campus is ensured through annual maintenance contracts.

#### 2. Maintenance of laboratory equipments:

#### 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 tool and internet related problems are resolved from the respective service providers.

#### 4. Maintenance of Library:

College Library has more than 35000 books and journals require a separate treatment and maintenance including binding. Binding of old worn out books is done by local agencies.

#### 5. Maintenance of sports ground:

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

### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

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

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the

**Government during the year**

977

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

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

106

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

**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	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

187

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

187

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 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

64

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	<a href="#">View File</a>

### 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

22

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	No File Uploaded

### 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**

47

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	<a href="#">View File</a>

**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.**

0

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

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 )

During the period of Covid-19 the online meetings were held of students committees & the 2019-20 committees were continued.

1. College Magazine Committee:

2) Art & Photography Committee.

3) Start up India Committee.

4) Wall magazine Committee.

5) Social Gathering Committee

6) SC/ST Atrocities Committee.

7) National Social Services Committee.

Campaign in adopted village.

8) Unnat Bharat Abhiyan Committee.

9) Green Campus committee

10) National association of students of Architecture Committee.

11) Library books Advisory committee.

12) Girls grievances committee.

The girl of each class raises the grievances under it.

13) Anti ragging committee.

14) Student Academic Association of each department are as under to participate in the co-curricular & extra co-curricular activities:

- Mechanical Engineering
- Chemical Engineering
- Architecture Students Academic Association
- Civil Engineering Students Academic Association (CESAA).

The Student Academic Association of each department has been motivated & participated in the following events :

a) To promote the interaction between academia and industry by organizing industrial visits, Expert Lectures, Model Exhibition, Poster Competition and Paper presentation and facilitate for industrial training.

b) develop students personal skills, like event & time management by organizing inter Collegiate, sports, cultural & Social gathering Events.

c) organizing seminars, workshops, paper presentation competition and other activities.

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

**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**

0

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

**5.4 - Alumni Engagement**

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

- Yes. Alumni association was registered in the year 2008 & the registration number is Maharashtra/172/2008.
- To promote the interaction between academia and industry by organizing industrial visits, Expert Lectures and facilitate for industrial training.
- 
- The IQAC committee has motivated Alumni Association to provide financial awards to meritorious & economical weaker students as well as expert talks for various opportunities to students.

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

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>E. &lt;1Lakhs</b>
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File Description	Documents
Upload any additional information	No File Uploaded

**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

**Our Vision:**

In full obeisance to the vision and foresight of Dr. Panjabrao alias Bhausahab Deshmukh this college will strive tirelessly to educate and qualify the students who are future engineers and technocrats to take up challenges of 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.

**Our Mission:**

Technical education for the individual, social and national development with global acceptance, by providing the relevant infrastructure with due consideration for our culture and the environment.

The distinct characteristics of the mission statement are

- To impart technical education for the National development through individual and development of masses.
- To technical education which will be globally accepted.
- For achieving this, our traditions and cultured is maintained.
- To provide support for acquiring latest tools and techniques of the subject with necessary infrastructural development.

Values fostered in the functioning of the Institute-

Contributing to National development -

Quest for excellence- .

Industry Interaction-Faculty and students

Organizational structure and decision making processes-

Institute has a comprehensive internal organizational structure and decision making process too.

Internal Quality Assurance System-

Well defined processes and systems

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

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

- We had with us computer networking and virtual lab for online tests/learning/conferencing of 100 computers. . A revenue around Rs. 22,00,000 /- per year was earned through this facility.
- Due to increasing demand of online exam centre in COVID , Prof. M. K. Deshmukh prepared a proposal to increase capacity of center by 100 computers with required infrastructure for Rs 43,75,000 /- and submitted in February 2021. After discussion in academic meeting and forwarded for approval to President of society on 03-03-2021.
- Due to continuous demand of online examination , Prof. M. K. Deshmukh has given a proposal to set up center with 200 more computers to meet the demand and to fetch a revenue upto 50 lakhs. A new estimate of Rs. 50,25,500 /- is submitted for approval. Proposal is forwarded for approval to President and Treasurer of society on 11-06-2021.
- After getting approval, quotations were called for computers, furniture's, electrical installations, UPS backup and other control equipments. Equipments and materials are then procured

by august 2021.

- Remaining needed work of CCTV, Air-conditioning ,aesthetic was carried out in Aug-Sept 2021.
- An online UPS of Rs 4,67,460 /- (+ GST) is ordered and installed on 21-10-2021.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has a perspective plan for development.

Following aspects are considered while making the perspective plan.

- Improvement in the results.
- Efforts and plan for attracting good students in the institute.
- Development of infrastructural facilities.
- Development of new laboratories.
- Updating existing laboratories.
- Identification of various funding schemes and submission of proposals.
- Library upgradation with respect to space and facilities in the library.
- Development of language laboratory.
- Development of consultancy cell.
- A grant of Rs.815961 received from AICTE under MODROB scheme for modernization of laboratory.(reference 6.4.2)

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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 internal organizational structural of our institute is shown below. The decisions of the top management in consultation with the principal are communicated to the heads and deans in a meeting. These decisions are communicated to the faculty and supporting staff in their respective departmental meetings. Also request/need/information from faculty and supporting staff is taken to top management in reverse order i.e. from bottom to top.

Decisions are taken considering the overall development of the institute

#### Functional Academic Administrative Divisions

**Research Division:** Research division offers Ph.D. programme and undertakes research activities both as part of in-house research programmes The division takes care of the research publications and newsletters.

**Alumni Affairs Division:** The division looks after all the activities related to alumni affairs. The COETA Alumni Association is a registered body which work to strengthen Alumni network for student's support and mentoring.

**Training and Placement Cell:** The Training and Placement Cell is responsible for

organizing campus interviews, summer internships and placements.

**Exam Cell:** The exam cell is a support cell for smooth conducting of the examinations across various academic programs of the institute.

**Library :** The collection comprises of material in form of books, journals, references and e-learning materials.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
File Description	Documents
ERP (Enterprise Resource Planning)Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>
<b>6.3 - Faculty Empowerment Strategies</b>	
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff	
<p>The strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility are as follows:</p> <ul style="list-style-type: none"> <li>• Faculties are encouraged to participate in the workshop /conferences.</li> <li>• Organizing STTP/Faculty development programs.</li> <li>• Delegating authority for conducting the programs.</li> <li>• Identifying the area of interest and accordingly the work/portfolio is assigned.</li> </ul>	
File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>
<b>6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year</b>	
<b>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</b>	

0

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

### 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

05

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	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 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

11

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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

#### Annual Performance Appraisal Report (APAR)

. The objective of the APAR is to highlight faculty member's role and performance for the past year and it also summarizes the expectations from the faculty for future development. The reporting authority reviews the nature and quality of work faculty performed annually based on the parameters such as knowledge of sphere of work, analytical ability, initiative taken, ability to inspire and motivate, supervisory ability, inter-personal relations, and teamwork. Feedback received from students are further considered and incorporated in decision making process for continuous improvement.

The performance appraisal system for staff to evaluate their performance is as under :

- Standard self performance appraisal format is filled by individuals and submitted to the Principal through the Head of Department with a due remark.
- There is 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 members.
- Due weightage is given to all the activities.
- Self appraisal is evaluated by Head of the section/department and it is graded on good to poor scale.
- Good work is appreciated.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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

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 of rules and regulations, purchase procedures, proper deduction of income tax, timely deposit of TDS, GST etc. The internal auditor checks all the record and prepare financial statement of accounts. The Audit party also checks whether accounting standards have been followed for true and fair disclosure of financial statements. The audit also checks the budgetary compliances. Overall compliance is also finally checked by the statutory auditor every year. The observations/deviations if any are reported to the management with notes and remarks. These observations are discussed in CDC meeting and issues are sorted out. After making corrections, report is approved and then final audit report is prepared.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

0

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

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

The Institution is self-financed through the revenue generated from the operational activities and students fees. The main sources of revenues are fees received from students, hostel fees, Income from consultancy & research projects. The main expenditures are incurred for running and maintaining the academic programmes of the institute which include Staff salary, General overheads, General maintenance, Library and Database, Laboratory equipments. As per yearly budgetary plan, the expenditure is carried out on various approved activities. It is seen that the amount utilized is optimum through proper procedure, technical knowhow and negotiations. The institution is having qualified practicing Chartered Accountant as internal and external Auditor. This auditor audit the accounts annually, verifies the expenditure as per rules and regulations and submits the report. The observations and remarks of auditor are discussed in CDC (College Development committee) meeting and issues are sorted out.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

i-IQAC promoted staff to go for Ph.D. as a result the no. of Ph.D staff now is 22 which in 3 years back it was only 12 . And many teachers are pursuing their Ph.D's.

ii. No of Ph.D. supervisor in the college reached to 8 from only 2 within last three years.

iii- Institute received MODROD grant, SPDP grant, and good consultancy.

Iv. IQAC encouraged teachers to apply for awards as a result there is a improvement in awards of teachers and students.

v- IQAC focused on improvement of cadre ratio. And hence it is approved in CDC.

vi-IQAC has submitted future plan of action for the year 2020-21.It was basically focusing on the activities required for upgrading the quality of students and teachers and overall institute.

vi- IQAC has initiated process to go for NBA and submitted action plan to CDC and CDC has given approval to the action plan.

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

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

1- No of papers presented in conferences by teachers and students shows incremental rise as it was mentioned in IQAC action plan.

2- No of Ph.D. teachers is now 22 which 3 years back it was only 12 . And many teachers are pursuing their Ph.D's.

3-In covid online teaching was promoted and Our Education society has provided platform for conducting online classes. This was also in the action plan to use digital platform for teaching.

4-IQAC promoted teachers to apply for Grant.It was given in action plan. as a result Institute received MODROD grant, SPDP grant, and good consultancy.

5-IQAC has initiated process to go for NBA and submitted action plan to CDC and CDC has given approval to the action plan.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)**

**B. Any 3 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	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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 institution has always promoting the idea of gender equality by giving equal consideration to both boys and the girl students with respect to their identity and personality to be expressed on equal platform. Our college also promoting and following the idea of gender sensitization among the students. . Our college constitutes the "Vishakha Committee" / Internal Complaints committee for the safety and wellbeing of the girls students. Our Institute conducts orientation programs for the newly admitted students for various courses.

Apart from this our girl students from the various department has an



equal opportunity to participate in the sports, cultural, social, academic programs or event organized by the departments or by the college. They worked as class representatives, also as a part of social activities our girl students organize street play organized Every year on the occasion of 15th August & 26th January. In the academics, they participated and work jointly with the boys in the project groups, seminars.

College has common room for girls also have a separate girl hostel facility. Counseling is provided for every girl student in the department through Student - Mentor / Class Teacher scheme. Girl Students Equally Took Part in NSS Camp every year.

File Description	Documents
Annual gender sensitization action plan	<p><u>Our institution has always promoting the idea of gender equality by giving equal consideration to both boys and the girl students with respect to their identity and personality to be expressed on equal platform. Our college also promoting and following the idea of gender sensitization among the students. . Our college constitutes the "Vishakha Committee" / Internal Complaints committee for the safety and wellbeing of the girls students. Our Institute conducts orientation programs for the newly admitted students for various courses and also on gender sensitization to educate the students on these issues when they enter the campus to pursue their degrees in different streams. Apart from this our girl students from the various department has an equal opportunity to participate in the sports, cultural, social, academic programs or event organized by the departments or by the college. They worked as class representatives, also as a part of social activities our girl students organize street play organized Every year on the occasion of 15th August &amp; 26th January. In the academics, they participated and work jointly with the boys in the project groups, seminars, participate in various technical events organized by the department College</u></p>

	<u>has common room for girls also have a separate girl hostel facility. Counseling is provided for every girl student in the department through Student - Mentor / Class Teacher scheme. Girl Students Equally Took Part in NSS Camp every year.</u>
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	<u>1. Our college constitutes the "Vishakha Committee" / Internal Complaints committee for the safety and wellbeing of the girls students.. Our Institute conducts orientation programs for the newly admitted students for various courses and also on gender sensitization to educate the students on these issues when they enter the campus to pursue their degrees in different streams. College has common room for girls also have a separate girl hostel facility. Counseling is provided for every girl student in the department through Student - Mentor / Class Teacher scheme.</u>

<b>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>	<b>D. Any 1 of the above</b>
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

<p>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</p> <p><b>Our institution has deep concern to protect environment, health and well-being through 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.</b></p> <p><b>It is segregated at source and collected by the sweepers to dispose</b></p>
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off properly to the dumping yard. Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated. Our institute works on paperless concept by digitization of office procedures through electronic means via WhatsApp, email which help s thus in reducing paper-based waste and ultimately reduce carbon dioxide emissions. Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, and notes in office practices as environmentally preferred alternative to waste management to reduce pollution. Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities such as Wall Magazine, Waste to best etc..

Trees waste such as dried leaves and plant clippings is collected from all around the campus and used for composting, compost so produced is used in organic farming. Institute provides Dustbins which have been installed throughout campus for waste segregation.

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
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

<p><b>1.Restricted entry of automobiles</b>  <b>2.Use of Bicycles/ Battery powered vehicles</b>  <b>3.Pedestrian Friendly pathways</b>  <b>4.Ban on use of Plastic</b>  <b>5.landscaping with trees and plants</b></p>	
File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Any other relevant documents	No File Uploaded
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<p><b>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</b></p>	<p><b>C. Any 2 of the above</b></p>
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>

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

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

Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic. we celebrate national festivals, birth anniversaries and memorials of great Indian personalities .

In our institute ,under Unnat Bharat Abhiyaan- we Adopted 5 villages in our region to conduct activities for their socio-economic development. Institute has conducted various programs in these villages for increasing their environmental and ethical awareness.

Conducted water quality testing camp by college for nearby villages.

As a social responsibility our institute has contributed Rs.169931/- for covid fund to Govt of maharashtra through our parent society Shivaji education society Amravati.

•College of Engineering And technology teaching and non teaching staff contributes during the period April 2020 to March 2021 the total donation amount Rs.84000/- is contributed by teaching and non teaching staff for this noble cause.

The state level Mock Test for MHT CET-2020 and NATA 2020 exam was conducted by college for the preparation of the students to get them attached with college.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
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 about 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, Flag hoisting ceremony is organized followed by 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, Blood Donation Camps in our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women Day to mark the achievements of women throughout the history. Similarly we celebrate World Environment Day on the 5th of June every year to ensure the Environmental concern. Similarly, our institute organizes a Swachh Bharat Abhiyan "Cleanliness Drive" in our college campus. The drive is aimed to promote the importance of cleanliness. Hence in this way, we ensure that the Constitutional values, rights, duties, and responsibilities of citizens are promoted and served.

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

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers,**

**A. All of the above**

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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Celebration of Independence Day, Republic day, International Yoga Day , Innovation Day (Dr.A.P.J Abdul Kalam's birth anniversary), International Womens Day, Engineers Day. Indian constitution day

With great enthusiasm the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Dr. BhimraoAmbedkar, SarvepalliRadhakrishnan, LalBahadurShastricelebrated every year.

Our Institute celebrates the birth anniversary of our Founder president Hon Dr. Panjabrao alias BhausahabDeshmukh from 25 Dec to 27 Dec 2020 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)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

### Best Practice No.1:

**Title:** TWO DAYS WORKSHOP FOR CHEMICAL ENGINEERS on "REMOTE & VIRTUAL LABS IN ENGINEERING and Hands on Training" Dr. Sameer Kale, & Prof. SantoshKhandgave BITS PILANI on date 27 /07/2020 & 28/07/2020

**Goal:** 1) To improve technical Awareness in the students regarding the virtual operation

of the Laboratory equipment's

2) In view of the COVID Pandemic to teach and conduct the virtual practical's .

**Practice:** The Workshop Includes:

**Day 1:** Theoretical explanation of the laboratory equipment's and their procedure of handling

**Day 2:** Actual Hands on the instruments and conduction of the practical's



**Best Practice No.2:**

**Title:** Workshop on "Rocket and Missile Technology".by

**Mr. Deepak. D. Deshmukh, (Scientist 'F' )**

**Associate Project Director & Deputy Gen. Manager**

**R & D, DRDO, Pune,**

**Goal:** 1) To improve technical Awareness in the students regarding the rocket and missile

technology

2) To aware the students regarding the scope &significance of the technology in

the students.

**Context:** Total 100 students along with the 10 staff members were participated, each consisting of students from second, third and final year from Institute.

**Practice:** The Workshop Includes:

**Session 1:** Training on the Rocket and Missile Technology

**Session 2:** Discussion and Question session.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
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

In full obeisance to the vision and foresight of Dr. Panjabrao alias BhausahebDeshmukh, this institute will strive tirelessly to educate and qualify the students from all the strata of the society, who are future engineers and technocrats, to take up challenges of modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of the society.

- The majority students are from farming families taking education in our institute. We have maintained such an environment in the institute that these students feel comfortable and they feel proud that we are learning in the institute run by Shri. Shivaji Education society which is having very high moral values.
- We maintain the environment in our institute such that the students from higher social/ economical class and backward class get equal opportunity to grow. This institute is a good example of harmony between the students of various classes.
- We also ensure that the student get placement and entrepreneurship after completion of their degree so that their family should get financial support. This helps the family to uplift their economic status and help them to give quality education to their other children.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To go for NBA of all the programs.
- To improve cadre ratio.
- Due to pandemic situation in 2020-21 we have continued with the same plan this year mentioned below

- Promoting Research in the institute.
- Promoting students to take projects on real life problems.
- Promoting teachers to identify industrial problems of nearby industries and provide them effective and practical solution.
- Encouraging Departments to set up link with local industries through MOU's.

And take industrial assignment to make MOU's effective in practice.

-Encouraging departments to set up new MOU's with research institute all over India and Industries in various region. Making this MOU's effective through joint projects.

- Every students from 3rd year onwards be sent for Industrial or practical training.

- Focus on organizing Frequent Industrial and site visits for students from first to final year to bring awareness in students for real life projects and identifying potential area to work.

- Promoting teachers to undertake higher level Training on their topic related to regular teaching and area of interest in research for enhancing quality in teaching.

- Focus will be given in maintaining Teaching Cadre ratio by promoting eligible teaching faculty.