YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution ARVIND GAVALI COLLEGE OF ENGINEERING

- Name of the Head of the institution Dr. Vilas Pharande

- Designation Principal

- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 02162200100

- Mobile No: 8806661739

- Registered e-mail agcenggsatara@gmail.com

- Alternate e-mail vilaspharande@gmail.com

- Address Gat No. 247, At Panmalewadi, Post Varye

- City/Town Satara

- State/UT Maharashtra

- Pin Code 415015

2.Institutional status

- Type of Institution Co-education

- Location Rural

- Financial Status Self-financing

- Name of the Affiliating University **Dr. Babasaheb Ambedkar Technological University**

- Name of the IQAC Coordinator **Mr. Vishal Hingmire**

- Phone No. **02162200100**

- Alternate phone No. **8975456700**

- Mobile **8482875175**

- IQAC e-mail address **agce.iqac2010@gmail.com**

- Alternate e-mail address **agceenggsatara@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year) https://agce.edu.in/wp-content/uploads/2022/01/AQAR-2019-20.pdf

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: http://agce.edu.in/2020-21acal.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.55**	**2016**	**02/12/2016**	**01/12/2021**

6.Date of Establishment of IQAC **14/07/2012**

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
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **02**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- 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**

- If yes, mention the amount

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

Industry involvement to enhance industry-institute interaction, Campus to Corporate Slot to develop soft skills and aptitude of students, Promote Outcome-Based Education, Increase effectiveness of feedback mechanism

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
Effective implementation of AICTE internship policy	Total 220 final year students successfully completed 6 months internship
Promote Research culture amongst students and faculty members	Conducted workshop on Patent result of that 2 Indian patents(Akash Naykude 202121024842, Piyush Karande 202121023957)by students, 1 international patent(Dr Gayatri Mirajkar 2021103174) by faculty were filled during year
Quality Circle activity to develop core competency of faculty members	Total 30 sessions of Quality Circle activity were conducted and 51 faculty members participated
MOU With Premium Institute for NBA	Under the Margdarshan Scheme of AICTE Collaborative quality initiatives are started for NBA from date 18/02/2021 with Kolhapur Institute of Technology's College of Engineering (Autonomous).

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	11/03/2022

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	ARVIND GAVALI COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. Vilas Pharande
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02162200100
• Mobile No:	8806661739
• Registered e-mail	agcenggsatara@gmail.com
• Alternate e-mail	vilaspharande@gmail.com
• Address	Gat No. 247, At Panmalewadi, Post Varye
• City/Town	Satara
• State/UT	Maharashtra
• Pin Code	415015
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Dr. Babasaheb Ambedkar Technological University
• Name of the IQAC Coordinator	Mr. Vishal Hingmire

• Phone No.	02162200100
• Alternate phone No.	8975456700
• Mobile	8482875175
• IQAC e-mail address	agce.iqac2010@gmail.com
• Alternate e-mail address	agceenggsatara@gmail.com
3.Website address (Web link of the AQAR (Previous Academic Year)	https://agce.edu.in/wp-content/uploads/2022/01/AQAR-2019-20.pdf
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://agce.edu.in/2020-21acal.php

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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.55	2016	02/12/2016	01/12/2021

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

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• Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	02
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes

• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
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13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	11/03/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	18/02/2022

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1   5

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1300**

Number of students during the year

File Description	Documents
Data Template	[View File](#)

2.2   **141**

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   **429**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **78**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **71**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	5

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	1300

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	141

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	429

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	78

File Description	Documents
Data Template	[View File](#)

3.2 Number of Sanctioned posts during the year	**71**

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**19**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**201.77279**
4.3 Total number of computers on campus for academic purposes	**309**

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 Academic Monitoring Committee (AMC) with all representatives of departments ensures that the curriculum given by University is effectively adhered to. Before the start of the academic year institute prepares its academic calendar in line with the University calendar. Based on the institute's academic calendar all departments prepare the academic calendar which is approved by the Departmental Advisory Board (DAB).

All the academic content prepared by faculty members is given to the students through MOODLE. Also during the pandemic situation, internal and external examinations were carried out smoothly by the examination committee through MOODLE. The necessary books, the study material is issued to the students through a book bank facility available in the library. Utilisation of the course contents by students is verified by AMC.

The periodic assignment/class test/examination is conducted in

order to assess the understanding of the students. The faculty members use teaching aids viz. Interactive Panel, Powerpoint Presentations for elaborating principles in the respective courses.

After evaluation of students' performance, slow learners were supported by remedial lectures to improve the results and advanced learners were offered MOOC courses.

All the twelve POs specified by AICTE got covered along with academics through organising co-curricular and extra-curricular activities.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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

Institute's academic calendar is prepared as per the directives given by DBATU and a Continuous Internal Evaluation of the student is carried out.

A. Continuous Assessment 1 (CA1):

Theory:

CA1 examination was conducted based on unit no 01 and unit no 02 which mapped CO1 and CO2 respectively. The evaluation scheme of the CA1 examination (10 Marks) consisted of assignments (04 Marks), objective examination (02 Marks), and descriptive examination (04 Marks).

Practical:

CA1 practical examination was conducted on the first five experiments for total of 30 marks in which 10 marks were allotted for laboratory assessment, 05 marks for attendance, 10 marks for practical exams, and 05 marks for mock orals.

B. Mid-Semester Examination:

Mid Semester Examination was conducted based on unit no 03 and unit no 04 which mapped CO3 and CO4 respectively. The evaluation scheme of Mid Semester Examination (20 Marks) consisted of objective examination (04 Marks) and descriptive examination (16 Marks).

C. Continuous Assessment 2 (CA2):

On the same lines of CA1 evaluation, CA2 was carried out on unit no 5 and unit no 6 with mapping of CO5 and CO6 respectively.

F. Papers were evaluated by considering the attainment of Course Outcomes (COs) by the student.

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

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

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)	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)

36

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

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

1197

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

01-09-2022 08:28:29

1197

File Description	Documents
Any additional information	No File Uploaded
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

Professional Ethics

Timetable consists of TPO, Aptitude slots of two hours per week respectively. Three faculty members namely Mr Pathak, Mr Pawar and Mr Bichkar have designed the teaching plan of 40 hours, especially for the same. Various internships, alumni guest lectures, industry expert lectures, industrial visits are also arranged frequently. The students are promoted to complete their internships in summer, winter vacations, and during the eighth semester.

Gender

The Institute has a culture of involving both boys and girls in every activity. The various statutory and non-statutory committees of the Institute have the inclusion of both boys and girls. The Institute had arranged a separate session on 'Women empowerment' to encourage the girl students to participate in various activities. The Institute has Nirbhaya Pathak (Squad) which consists of women officer Dr Varsha Bhosale et.al to prevent eve-teasing, sexual harassment, and other crimes against women.

Environment and Sustainability

A course on Environmental Studies and NSS (National Service Scheme) is offered to students to develop a sense of awareness about the environment. NSS unit of 100 students ensures environmental awareness in nearby villages by organising camps. Around 354 plants are planted in the Institute's campus over the last 5 years.

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

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

11

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	View File
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

741

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

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

A. All of the above

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

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

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

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	http://103.159.152.195/moodle/mod/folder/view.php?id=6183

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

330

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

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

50

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

2.2 - Catering to Student Diversity

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

Identification and assessment of the learning levels of the students:

The advanced and slow learners were identified on the basis of various parameters such as self-evaluation, SWOT analysis, their participation in classroom discussion, performance in the assessment tests, questioning ability, participation in seminars/workshops/training, co-curricular and extra-curricular activities, and University result analysis.

In the GFM activity, each GFM identifies the strength and weaknesses of the individual student from the group of 20 students allotted to him/her.

Special programs for advanced learners:

The training is imparted to advanced learners through the various activities which come under the psychomotor domain and affective domain.

The students were encouraged to take industry-based projects under the guidance of faculty members on project management and prototype models. Students were encouraged to participate in paper presentation, poster presentation, lecture series, research paper presentations in conferences, etc. Students were guided and motivated to study English as well as other foreign languages besides GATE/Competitive Examinations.

Special programs for slow learners:

The training is imparted to slow learners through the various activities which come under the cognitive domain and psychomotor domain.

Slow learners are supported with remedial classes, GFM activity, extra practical sessions and provision of University question bank

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
1300	78

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

Experiential learning

Students are encouraged to learn by participating in various competitions like AVISHKAR, HACKATHON, independent collection of literature through internet and industrial experts regarding the current trends in technological innovations, experiential learning by giving live industrial problems through mini/major projects to enhance their problem-solving skills.

Participative learning

Faculty members ensure that class sessions will be interactive in nature, questions were asked during the lecture through a chat box and students were instructed to respond to the questions.

After completion of each Unit, faculty members uploaded 10 questions on the basis of Bloom's Taxonomy and the understanding level.

Assignments were given on each unit and COs were mapped with POs.

Students are made to analyse and solve the problems through brainstorming sessions, case study discussions.

Students are encouraged to develop their various skills like communication, interaction through games and role-plays.

Problem solving methodologies

Various industrial problem statements were collected and distributed amongst the students to work on it and find a better solution.

Problem-solving gallery is displayed at the entrance lobby on a monthly basis. All engineering problems related to the environment, society are highlighted and promoted amongst the students to solve the problems with the help of faculty members.

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

Faculty members used various ICT tools for effective delivery of the curriculum.

Smart Classroom:

Institute has a department-wise interactive panel with advanced features such as Screen Recording, Cloud-based teaching, Support and Intelligent features for multiple disciplines, the ability to access the internet, to control access to the same, multi-language, multiple-finger gesture recognition, and control, text, shape and voice recognition, which is effectively used by faculty members to enhance students' knowledge

Projector:

Projector is available in each department to clear the concepts of the students by using different tools such as PPT, Video clips, animations, etc

E-learning platforms viz NPTEL, COURSERA, UDEMY, Virtual labs, Google Meet, Zoom:

Advanced learners are encouraged to enroll for add-on courses through NPTEL/SWAYAM/MOOCS platform for learning the advancements in the course content. For each course, student groups were created and assigned with one separate faculty to mentor and submit their weekly assignments as well as clear their doubts in the video lectures.

During the pandemic situation; all practicals were conducted with the help of different platforms such as eduLib, MHRD virtual lab, and animated videos.

During online classes, the teaching-learning process was carried out through various platforms like Google meet, Zoom.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://agce.edu.in/2020-21ICT_tool.php

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

59

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

2.4 - Teacher Profile and Quality

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

78

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

5

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

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

2.4.3.1 - Total experience of full-time teachers

365

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

2.5 - Evaluation Process and Reforms

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

The evaluation pattern is in two parts - internal assessment (CA) and University theory examination. CA is carried out for 40 marks and University theory examination is for 60 marks.

Robust mechanism:

For internal assessment:

Continuous Assessment (CA) and Mid Semester Examination-

i) Theory papers

Carried out in online mode containing objective and descriptive questions through MOODLE. CA1 and CA2 examination is of 10 marks each while mid-semester examination is of 20 marks. Question papers were as per Bloom's Taxonomy. For CA-1 and CA-2 examinations, allotted marks were out of 10 and Mid-semester examination was for 20 marks.

Those students securing low marks, were given an option for remedial examination.

ii) Practicals

CA1 and CA2 examination was conducted for 30 marks each on online as well as offline mode.

Laboratory assessment, Internal practical examination 10 marks each

Attendance, Mock orals 5 marks each

Transparent Mechanism

Is ensured in the following manner:

1. After evaluation of descriptive answer sheets; model answers prepared by faculty members are discussed with the students in the central library and the corrections are confirmed, and marks displayed on MOODLE

2. Laboratory assessment was carried out in front of students and evaluated assignments were shown to students

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

Internal examination related grievances

CA-1, Mid-semester, and CA-2 examinations were conducted as per the Institute's examination calendar. After examinations are completed the papers are assessed by the faculty members in the library itself (CAP). In the practical slot, answer papers are shown to the students in the library. In case of any discrepancies in the marks, the same is corrected and informed to the Controller Of Examination (COE).

For evaluation of the practical performance of students, a separate Continuous assessment sheet is prepared. Assessment of practicals is carried out by considering timely submission (02 Marks), neatness (04 marks), understanding (04 Marks). This assessment is done in front of students during practical sessions of respective subjects. Practical CA1 is conducted after four weeks based on 50% of experiments and practical CA2 after twelve weeks based on the remaining 50 % of experiments listed. Marks are shown to the students during practical exams. If the students want to enhance their marks, another opportunity to conduct the experiments is given to them. Internal evaluation is completed as per the timetable.

It has been observed from the official record that no grievance from the University is recorded regarding the conduction of internal examinations.

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 process of CO framing for all the courses in all programs is discussed below:

- The COs for all courses along with curricula is received from the University.
- All faculty members verify them and do the necessary amendments based on Bloom's Taxonomy.
- The COs are mapped with POs and PSOs having differing correlation levels of either 1- Slight, 2- Moderate and 3- Substantial

Students are made aware of the Course Outcomes (COs) and Program Outcomes (POs) during this orientation program.

Dissemination of POs:

- Displayed at strategic locations in the departments, Institute website-https://agce.edu.in/
- Published regularly in the Institute's brochure, departmental magazine, Staff Diary.
- Presented during various value-added courses, workshops, seminars, induction programs.
- Conveyed during the teaching-learning process via the first lecture of a new semester.
- Printed in students' internship diary, workshop diary, civil field book, and student progress diary.

Dissemination of COs:

- COs are communicated and discussed with the students during the teaching-learning process at the beginning of each unit, and made available to them through Course Material, hand-outs, lab manuals, and also on Moodle, and also during practical sessions.

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.

- **The Institute follows Outcome-Based Education philosophy for the measurement of attainment levels of Program Outcomes (POs) and Course Outcomes (COs).**
- **POs describe what students are expected to know and will be able to do, by the time they graduate. Curriculum, teaching-learning processes, and assessment methodologies are designed to align with POs and PSOs.**
- **The COs for individual courses were framed having an appropriate mapping with POs.**
- **For each course, the attainment percentage of all course outcomes is based on the student's performance in the internal and external examinations.**
- **Direct assessment methodology has two components - internal assessment and external assessment. Internal assessments are carried out for CA1, CA2, and Mid Sem examinations. External assessments are carried out for end-semester examination, oral/practical examination, and term work evaluation.**
- **Indirect assessment is carried out through various feedbacks received from stakeholders viz students, alumni, parents, employers, experts.**
- **The respective course in charge calculates the weightage of Bloom's Taxonomy**
- **The percentage of attainment is calculated for each CO against POs ensuring that the attainment percentage is**

greater than 60%. If less than 60% then remedial lectures are suggested.

- Students whose attainment percentage is greater than 80, are recommended for add-on courses under NPTEL/COURSERA/UDEMY/INTERNSHALA.

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

437

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://agce.edu.in/2020-21Pass_percentage.php

2.7 - Student Satisfaction Survey

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

http://agce.edu.in/2020-21Student_satis.php

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)

4.55

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	http://agce.edu.in/2020-21Research_fund.php

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

3

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

1

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

2

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 faculty members and students of the Institute are connected with the society through:

- National Service Scheme (NSS)

The Institute has one unit of NSS having 100 students who carried out activities like

Tree plantation:

54 trees were planted during the Academic Year 2020-21.

Health check-up, Blood donation camp:

Haemoglobin count, blood group, weight and health check-up was done of 81 volunteers, who also donated blood on 22nd February 2021.

Women's Day:

Celebrated on 8th March 2021 in which 52 women participated. On this day self-defence session was conducted by Miss Nikita Sonkatale, self defence expert.

E. World Menstrual Hygiene Day:

Was observed on 28th May 2021 in which 100 females participated online.

Unnat Bharat Abhiyan:

Our Institute adopted five villages Anewadi, Panmalewadi, Bamnoli, Kudal, Pachwad. On 21st October 2020 faculty team visited Pachwad educating every household regarding COVID 19.

Renewable energy and Recycling of water

Additional power generation was achieved during the Academic Year 2020-21 by installing a solar power plant of 4 kW capacity.

Digital awareness camp:

Digital awareness was created amongst the students of Panmalewadi to commemorate Foundation Day of Samarth Educational Trust on 23rd Feb 2021. More than 157 students made online payment.

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

2

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

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

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

3

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

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

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

237

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

21

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

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

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

24

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.

As per curriculum of DBATU, tools and equipment are upgraded for effective teaching-learning process. Each department has advanced equipment beyond syllabus viz. 3 D printing, e-vehicle, Visual studio, Solar power plant, Geographical Information System (GIS) software, FPGA & CPLD (VLSI) kits.

The Institute has an instructional area of 8057.53 sq meter consisting of Class rooms, Tutorial Rooms, Laboratories, Workshop, Additional Laboratory/ Workshop, Drawing Hall, Computer Centre, Seminar Hall, Library, Language Laboratory.

The Institute has an administrative area of 942.01 sq meter consisting of Principal office, board room, cabin for HOD & departmental office, faculty rooms, central store, security, examination control office and placement office.

The Institute has amenities area of 777.48 sq meter which include toilets, common rooms for girls and boys, cafeteria, stationary store, boys hostel, girls hostel.

The Institute has circulation area of 3568.81 sq meter which include common walkways, staircases, entrance lobby.

The Institute has an interactive panel and a well-equipped workshop. Institute has an internet access with 50 MBPS bandwidth provided by Neha infotech.

The library is well-equipped having 13586 text books,1194 reference books, 3983 e-books. A reading room is available in

the main library and the ladies hostel. Separate Training & Placement Office is available.

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.

Following Cultural, Outdoor and Indoor sports facilities are available:

- Cultural activities:

Every year, in the month of February cultural events are celebrated. Traditional Day was celebrated on 19th Feb 2021

- Saree, Tie & Blazer Day celebrated on 20th Feb 2021

- Hollywood/Bollywood Day celebrated on 21st Feb 2021

- Chocolate day celebrated on 23rd Feb 2021

- Students are felicitated at the Institute for their remarkable performances in cultural activities. The national days, major festivals are celebrated enthusiastically.
- Institute has facilities of loud speakers, mikes, various musical instruments for all activities.

- Outdoor Games:

Institute has its own playgrounds for Cricket, Kabaddi, Kho-Kho, Football and Athletic games. Also there are facilities to conduct games like Volleyball, Handball, Tug of War.

- Indoor games:

Institute has facilities for conducting indoor games like Badminton, Table Tennis, Chess, Carrom in the gymkhana.

Chess competition (Chessmania) was conducted on 11th Feb 2021

- Gymnasium:

The gymnasium is equipped with an adjustable chest press bench, straight bar, curve bar, weight plates, dumbbells.

- Yoga Club:

The Institute has a 'Yoga Club' which organizes training and practicing sessions for students and staff. Faculty members also serve as instructors for Yoga Club. Institute celebrates 21st June, the International Yoga Day on a large scale.

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.

3

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

11

File Description	Documents
Upload any additional information	No File Uploaded
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)

0

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

4.2 - Library as a Learning Resource

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

The main objective of the central library is to provide seamless access to information to its users in a networked environment and to become a premier learning resource centre in Engineering, Science & Technology and related areas.

Library Management System Software –

The library has been automated using library management software 'BIYANI TECHNOLOGY & KOHA'. Login and password is given to all the students through which the student can access the library material for 24 hours a day. The record of books issued to students and staff was maintained through software. OPAC system facilitates students to search for books available and also to make requisitions.

The library has subscribed to e-Journals and scientific databases such as DELNET. These journals can be accessed at the Digital Library Section and through the Institute network.

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 toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
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)

0.13570

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

10, 76

File Description	Documents
Any additional information	[View File](#)
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

Currently Institute is using lease line of 50 MBPS. The Institute has a 24X7 WiFi facility in the campus to avail internet connection at any place in the Institute and hostel. Firewall protection given to the WiFi facility which enables access only academic related documents. Digital notice board is available for student's use.

There are 11-Overhead Projectors and 03 - Smart classrooms

Open-source tutorials of IIT Mumbai are available for students and faculty members. The Communication Skills Lab is upgraded with the necessary tools. The Institute has well-equipped, functional computer labs for the students. The college, its library has a well-equipped Wi-Fi facility which is beneficial to everyone. All the departments of the college are provided with computers and other related accessories. All teaching staff members use the ICT whenever needed. The different educational sites are shown to the students with the help of digital devices. Most of the official work is being done with the help of ICT. The institute regularly maintains the IT facilities.

Following facilities are available:

1. Institute itself formats the computer with the help of a computer operator.

2. Anti-virus is regularly installed on computers.

3. Wi-Fi connectivity available.

4. CCTV in every classroom.

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

4.3.2 - Number of Computers

309

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	View File
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)

55.53

File Description	Documents
Upload any additional information	View File
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.

Maintenance of physical, academic, support facilities is carried out as follows:

1. Laboratories: Lab in-charge is responsible for maintaining and upgrading the laboratory. Dead stock verification is carried out by infrastructure committee. Record of equipment, computers and required material is kept.

2. Library: Librarian focuses on the availability and utilization of instructional material. At the end of the academic year, stock verification is done and report prepared. Procurement of books is initiated through the library committee.

3. Sports complex: Sports instructor looks after the sports facilities and activities. If any equipment gets faulty, proposal for maintenance is submitted and preventive action is. The record of utilization of sport facilities, activities, awards given is kept.

4. Classrooms: Are allocated to all departments with necessary ICT tools. The classrooms are cleaned on a daily basis and monitored by the Institute supervisor. Electrical audit carried out every year. Fire extinguishers are installed in corridors of classrooms for safety purpose. Necessary demonstration is given to the students.

5. IT facilities: All departments in the Institute have PCs, essential software. The system administrator maintains the IT facilities in the Institute. In case of major issues of maintenance, vendors are hired for maintenance of IT facilities.

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

1166

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

89

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

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

A. All of the above

File Description	Documents
Link to institutional website	http://agce.edu.in/2020-21Capacity_building.php
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

415

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

415

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

A. All of the above

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

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	View File
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

306

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

7

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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**

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	View File
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)

Students are given exposure to involve in activities as members of following committees.

Academic Monitoring

Mr Nandkumar Dubal et al worked as coordinators of various activities viz. preparation of academic calendar, conduction of lecture/practicals, implementation of GFM system.

Training and Placement Committee

Ms Snehal Kamble et al are actively involved in the activities conducted for enhancement of placements, internships.

Alumni Committee

Ms Sampada Chorage et al remained in contact with their alumni through social media, alumni meet, alumni mentor facility, guest lecture.

R & D and IPR

Ms Pradnya Vibhute et al organised and participated in R&D activities/workshops/project competitions.

ICT Committee

Ms Ankita Doudmani et al encouraged maximum students' participation in various online programs available under NPTEL/MOOCS.

Cultural & Sports committee:

Mr Vishwanath Metkari et al organized the activities viz. conferences, project contests, technical events.

National Service Scheme (NSS) Cell:

Institute has one unit of 100 students which is coordinated by NSS officer Mr Ankur Kamble along with Mr Utkarsh Pustake et al as student coordinators who conducted various social activities, arranged NSS camp in different villages.

Library Committee

Mr Koushik Sawant et al remained in touch with library and coordinated various activities like library day, book bank facility.

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

5

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

5.4 - Alumni Engagement

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

- **To strengthen the alumni network, our Institute had registered an Alumni Association with registration number MAH/16235/SA dated 12/01/2018 with Charity Commissioner Office of Satara division.**

- **The Objectives of Alumni Association are:**

1. To maintain the data and update the current information of all Alumni.

2. To encourage a bond of friendship amongst the alumni.

3. To promote a sustained sense of belonging to the Alma Mater by being in regular contact with them.

4. To assist and support the efforts of AGCE in obtaining funds for development.

5. To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing reunion activities.

The Institute organizes an alumni meet every year wherein distinguished alumni visit the Institute, share their experiences, give the suggestions for development of the Institute, providing guidance through guest lectures, alumni mentor for final year project guidance, seminars, workshops and support for industry visits, internships, placement drives throughout the academic year.

- **Alumni suggest gaps in syllabus considering current demands of industry.**
- **The alumni support the students with financial help during their project work, prizes for competitions, donation of books to the library and always interact with them.**

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)   **D. 1 Lakhs - 3Lakhs**

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

VISION

To be prominent Institution by imparting value-added quality education that creates professional technocrats as well as entrepreneurs through lifelong learning to accomplish socio-environmental needs

MISSION

- To enrich competency among technocrats by imparting technical, innovative and managerial skills.
- To educate students for effective problem solving and continual progress for dynamic careers.
- To create social & environmental awareness among students and public at large.

Nature of Governance

Governance of the institution is reflective and in tune with the vision and mission of the institute. The decentralisation of authorities and responsibilities is carried out through different committees which will be ensured by committee members of various committees under the governing body.

ROLE OF GOVERNING BODY

The Board of Governors is the governing body for the institution, collectively responsible for framing the policies, implementing the institution's activities, determining its future direction, fostering an environment in which the institutional mission is achieved according the developmental plan.

PRIMARY ACCOUNTABILITIES

- To approve the mission and strategic vision of the institution.
- To ensure the establishment and monitoring of proper effective and efficient systems of control and accountability
- Monitor Institutional performance and quality assurance arrangements.

- **To put in suitable arrangements for monitoring the Head of the institution's performance.**

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.

DECENTRALIZED MANAGEMENT

Following committees monitors and reviews the effective leadership which include all stakeholders:

Academic Monitoring, IQAC, Examination, University/AICTE/DTE, Admission, Training & Placement, Alumni, R & D and IPR, Co-curricular, ICT, Peer Team/Anti ragging/Discipline, Reservation, Women's internal complaints/counselling & Medical Care, Student Development & Welfare/EDC/Higher Edu/Competitive exams, Extracurricular Activities/Cultural/Sports, Grievance & Redressal, Library.

Participative Management: -

Institute promotes a culture of participative management by involving all the concerned stakeholders in

- **Governing Council**
- **College Development Committee**
- **Department Advisory Board**
- **Principal's Administration**
- **IQAC**
- **HoDs**
- **Level/ In-charge / Coordinator Level**
- **Faculty Level**
- **Student Council**
- **Cultural, Sport and other activities**

Effective leadership is monitored and reviewed with the help of:

Principal's Administration: This is the key node that provides effective administration by handling academic and overall

administration at the Institute level.

In-charge / Coordinator Level: They can take necessary action for overall controlling and monitoring of their corresponding committee / cell.

Head of Department (HOD) Level: HODs have enough freedom to plan for overall progress of the department. They can take necessary action for overall controlling and monitoring of the department.

Faculty level: Faculty members suggest and implement a variety of technical and non-technical programs, workshops, seminars for the benefit of students.

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 vision and mission of the institution is in line with the National Education Policy which is in tune with the industrial requirements. The Institute has a student centric approach and stakeholders are the final beneficiary of various developments.

A perspective plan is in the Institute which takes into consideration the following:

- Affiliation with the University on a permanent basis
- Completion of reaccreditation of NAAC through the second cycle
- 50% of the departments to be accredited by NBA
- To be included in the section 12 (B) of the UGC Act
- To be approved as an autonomous institute
- Tying up with the training institutes for industrial readiness
- Promoting students for higher education

Strategic plan focuses on:

- Applying innovative teaching learning methods viz. Seminars, Lab Demonstrations.
- Arranging industrial visits, in-plant training and guest lectures for students.
- Use of teaching aids such as Smart Board, Models, Multimedia Presentations, NPTEL/SWAYAM/MOOC video lectures
- Sought permission for starting Bachelor of Vocational courses viz Machine Tools and manufacturing, Industrial automation, Software development and Data Science

- Publishing papers in journals by faculty members and also by students
- Sign MoUs with industry for training, interaction, inviting experts for interactive sessions.
- Purchase of Lab Equipment and Accessories
- Internships for students.

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.

AGCE has its own process handbook which defines the code of conduct of all the institutional activities.

AGCE QUALITY POLICY:

AGCE is committed to provide value-based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to accept global challenges. Improvisation adopted by AGCE is communicated to all stake holders on basis of their feedback. AGCE shall empower the Internal Quality Assurance Cell to be a quality conscious pillar through various quality activities.

ADMINISTRATIVE SET UP:

The key components of the organizational structure of the Institute are Secretary, Principal, HODs, Teaching, Non-teaching

staff. Various committees with well-defined functions give academic and administrative leadership to the Institution.

SERVICE RULES AND REGULATIONS WITH PROCEDURES

Recruitment

- **Recruitment is done before commencement of Academic Year, and payment will be made as per AICTE scale**
- **Recommendations of the selection committee comprising of Chairman, Administrator, Principal/Designated Authority, and respective HOD will be placed before the AGCE Governing council, along with details of sanctioned posts, for final approval.**
- **At the time of joining all appointees should submit original certificate, equivalence certificate.**
- **Every member of the staff shall agree to abide by all the conditions laid down by the Institution**

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	**No File Uploaded**
Screen shots of user interfaces	View File
Any additional information	View File
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

In our Institution, staff welfare is given foremost importance. In connection with this, existing welfare measures for teaching and non-teaching staff are itemized below:

1. Appreciation with the 'Best Faculty Award' for their efforts on the occasion of Foundation Day of the trust.
2. Appreciation of departmental faculty members by HOD for achieving outstanding results in their respective course.
3. Institute organizes free health & eye checkup for its members.
4. On duty leave and conveyance allowance are sanctioned to the teaching staff for attending Faculty Development Programs (FDP)/ Workshop/ Conferences/those who are pursuing their Ph.D
5. Faculty members are supported with medical allowance.
6. Maternity benefits are given as per norms.
7. Professional and life skills training through outdoor faculty orientation program.
8. Wi-Fi facility.
9. Extending EPF schemes are implemented to all eligible members of non-teaching staff.
10. Uniforms are provided for supporting staff.
11. FDPsare conducted on a regular basis.
12. Insurance facility is made available for employees.
13. Employees are granted 15 days paid leave for those affected with COVID-19, on submissionof his/her COVID positive report.

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

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

02

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	<u>View File</u>
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)	<u>View File</u>

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

52

File Description	Documents
IQAC report summary	View File
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

Institute follows a well-defined and framed model of performance appraisal system namely Academic Performance Indicator (API) as per UGC guidelines.

In this scheme, the performances are classified into three categories

1. **Teaching, Learning and Evaluation related activities**
2. **Co-Curricular, Extension and Professional Development related activities**
3. **Research Publications and Academic Contributions**

The performance of each employee is assessed annually after completion of one year of service. The salient features of the performance appraisal system are as follows:

Teaching Staff

a) The performance of each faculty member is assessed according to the Annual Self-Assessment for the Performance Based Appraisal System (PBAS).

b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score.

c) Appropriate weightage is accorded for additional contributions for the overall assessment.

d) Faculty members whose promotions are recommended based on

their API score are required to appear before the screening-cum-selection committee.

Assessment of faculty members is done on the basis of subject knowledge, awareness, productivity, quality, innovation, willingness to learn, diligence.

Faculty members are encouraged to enhance their knowledge through their participation in conferences, workshops, publications in Scopus indexed journals, book publication, sponsored projects, consultancy, research supervision, awards.

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

Internal Audit:

Institute conducts an internal audit on a quarterly basis by professionals working under Chartered Accountant. They verify and confirm all the finance related documents. Report of the audit is submitted to the Principal and the Registrar. In case of any query, it is referred to the Chief accountant. During internal audit no discrepancy was observed for freeship and EBC. Provident Fund account and Professional Tax is paid regularly.

External Audit:

Institute undergoes financial audit on a yearly basis in the month of May and June, which is done by M/S Godbole & Company, external Chartered Accountant as per the rules and regulations laid down by competent authorities. The cash books and daily account details maintained by using Tally are verified by the CA. Audited balance sheet duly signed is verified by the Fee Regulating Authority for arriving at the student's tuition fee. Audited balance sheet is submitted to the Income Tax Office and Charity Commissioner Office within time. All the reports to the

authority was accepted and no compliance was pending.

Institute has a registered Alumni Association having a separate bank account in Bank of Baroda. The internal and external audit of this account is carried out regularly.

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)

127.158

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

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

Institute has a well-defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities. The Institute is being run with self sufficient funds generated from tuition fees and from Samarth Education Trust. In case of activities like expansion and renovation of the building, the management always supports by providing required finance. Financial planning is done efficiently at the beginning of the academic year and the budget is approved by theGoverning Body.

Optimum utilization of funds is ensured through: -

- Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Interdisciplinary activities, Training programmes, Refresher Courses that ensures quality education.
- Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.
- Enhancement of library facilities needs to augment learning practices and accordingly requisite funds are utilized every year.
- Adequate funds are utilized for development and maintenance of infrastructure of the Institute.
- Partial funds are allocated for social service activities as part of social responsibilities through NSS and NCC.
- Institute provides financial assistance for mini projects.

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

Institute focuses on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning.

IQAC performs the following tasks on a regular basis:

1. Improving interaction between industry & institute by conducting sessions of industrial personnel (Industry Talk)

2. Imparting professional skills amongst students through Campus to Corporate sessions.

3. Promoting Outcome Based Education. IQAC has approved reformation in the exam evaluation system which includes attainment of PO-CO.

4. Improving the quality of academic & administrative activities by considering the suggestions received from various stakeholders.

5. Effective implementation of AICTE internship policies so as to improve the employability of students.

6. Promoting research culture amongst students and faculty members by arranging workshops related to patent filing.

7. Improving the core competency of faculty members by conducting the activity of Quality Circle.

8. Preparation for NBA by signing MoU under AICTE Margadarshan Scheme.

9. Submission of Annual Quality Assurance Report (AQAR) to the apex body.

10. Submission of Academic Advisory Audit (AAA) report to the University.

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 conducts periodic reviews of the teaching-learning procedures, techniques, and learning outcomes. IQAC has implemented a number of improvements and quality measures since the initial cycle of accreditation and throughout the last five years:

1. Enhancement of the use of innovative pedagogical techniques:

Is done through online quizzes, use of virtual labs, hands-on practices, learning through entertaining games and so on. During academic monitoring, the IQAC verifies efficient use of

innovative pedagogical techniques.

2. Increased use of ICT tools:

During the last five years more number of classrooms and seminar halls equipped with ICT tools such as interactive panels, projectors etc.

3. Implementation of outcome-based education (OBE)

IQAC monitors and undertakes periodic review of program outcomes, course outcomes and their attainments done by the faculty members.

4. Strengthening of the ERP system.

Tally software is used for office related data, MOODLE as teaching-learning platform, 'BIYANI TECHNOLOGY and KOHA' is used for library automation

5. Membership of Quality Circle Forum of India:

Institute has active membership of Quality Circle Forum of India (Membership No: 056503119687). Under this membership, IQAC has taken initiative to conduct various activities like Quality Circle.

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)

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	View File
Upload any additional information	**No File Uploaded**
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

1. Inclusion of boys and girls in various committees:

Institute has a culture of student driven system. Equal opportunities are provided to boys as well as girls through various committees with equal delegation of authorities and responsibilities for girl students. The Institution provides safety and security facilities for the staff and students, such as CCTV Surveillance throughout the campus. Wearing ID cards is compulsory.

2. Counseling:

The department has an active Guardian Faculty Mentor (GFM) system. A batch of 20 students is allocated to each faculty member for monitoring issues like personal, psychological, difficulties in academics. It is implemented regularly at departmental level to help the students. Separate sessions are conducted for girls by female motivational speakers.

The architect has designed equal number of common rooms as well as washrooms for boys and girls. The washrooms used by girl students are equipped with sanitary napkin vending and disposal machines for the safe and hygienic disposal of sanitary napkins.

3. Other relevant initiatives:

Separate study rooms, computing facilities, outdoor games,

cafeterias are provided for both boys and girls. For girls and female workers, a blood group and hemoglobin checkup camp and guest lectures on health awareness are all planned periodically.

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://agce.edu.in/2020-21Gender_equity.php

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid waste management

Waste management procedures are at place in the Institute in association with Gram panchayat Panmalewadi. Reduce, Reuse, and Recycle policy is implemented. Solid waste is collected and sold to scrap vendors. Reusable one-sided printed papers are used for academic, administrative purposes. Paper waste is shredded and recycled. Food waste is separated and sent to a biogas plant. Metal scrap is sold out. Old projects are reworked and reused for practicals.

Liquid waste management:

AGCE Campus generates waste water, which includes sewage from the main buildings, girl's hostels. Waste water is used for gardening and irrigation after primary treating it through a soak pit.

Biomedical waste management:

It is very low and its management is executed with the help of third party.

e-waste management

In collaboration with M/S Shirke Scrap Centre Satara, the Institute implemented various e-waste management strategies on campus. Components are reused in student mini-projects, displayed in corridors and laboratory demonstrations. The e-wastes like computers, keyboards, mouse are collected and are disposed off.

Hazardous chemicals and radioactive waste management:

The chemicals used in chemistry, environmental labs are diluted and disposed off in sand pits. Use of radioactive materials is strictly prohibited.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
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

A. Any 4 or all of the above

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	**No File Uploaded**

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

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	**No File Uploaded**
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 reading material, screen   reading

`A. Any 4 or all of the above`

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**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).

`Institute provides inclusive environment through following initiatives:`

`Tolerance and harmony towards cultural and communal diversities:`

`Every year faculty members, staff, and students attend patriotic functions organized to commemorate Independence Day, Republic Day. Flag hoisting followed by various technical competitions are organised. Various cultural days, birth anniversaries of great leaders are also celebrated with great fervour and enthusiasm. Meetings were held by the Minority, OBC, SC/ST committee to ensure student harmony.`

`Tolerance and harmony towards regional, linguistic diversities:`

Students from diverse regions were admitted to our Institute. The Institute always maintains and supports holistic culture in the campus. The Institute has hostel facilities for girl students, female faculty members. Majority of faculty members are from Maharashtra and neighbouring states. A bond of friendship created between them through their participation in various festivals, during meetings, conferences.

Tolerance and harmony towards socio-economic diversities:

Institute's Sawkar Scholarship Scheme is effectively implemented for economically weaker students, those who have lost either of their parents. Special efforts are taken to guide students for various private scholarships such as Cummins scholarship.

Facility of paying fees in instalment is provided to the students. The dress code is implemented to avoid social, economic disparity and also to maintain uniformity.

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

The culture of serving the society percolates from the leadership, right from the top management, faculty members, staff and to the students.

Activities for constitutional obligations: values, rights

Morning schedule begins with the playing of the national anthem centrally. The students were made aware about registering themselves in the voters list. The National Service Scheme volunteers created awareness about cleanliness, COVID-19 protocols through posters. The audit course 'Basic Human Rights' included in curriculum taught human values, rights, duties, responsibilities of citizens.

Activities regarding duties and responsibilities of citizens:

Institute has in place AGCE process handbook where all duties and responsibilities are clearly mentioned right from students to faculty members and these are followed to the hilt.

Independence Day, Republic Day are celebrated every year with great fervour and patriotism which are attended by faculty members, staff and students. Preamble pledge is read on these days. Various eminent personalities visited the campus during the induction program and guided the students regarding values, ethics and patriotism which they must inculcate. In the Institute campus, smoking and consumption of tobacco is strictly banned.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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

Institution celebrates commemorative days, events and festivals. The cultural committee organizes various activities to sensitize the students about various cultures, rituals present in the society. Event calendar is prepared at the start of each semester and events are conducted with the active participation of the students and also members of all the departments concerned.

Commemorative days:

Independence and Republic Days are celebrated on a grand scale. Flag hoisting took place at the auspicious hands of our Hon. Chairman Mr Arvind Gavali followed by his address to the students. Birth anniversaries of great leaders are celebrated in the Institute with the active participation of students and faculty members. Trust's Foundation Day was celebrated on 23rd February by appreciating the contributions of teaching and non-teaching staff followed by dinner.

Events:

Teacher's Day, Engineers Day, National Librarian's Day, National Safety Day etc. are the days celebrated in the Institute.

Festivals:

Ganesh Chaturthi is celebrated centrally on a grand scale for five days. Workshop takes the initiative in celebrating Khande Navami in association with laboratories. Also the Holi festival is celebrated in the Institute. The Youth-Cultural festival

'TARUNAI' is organised every year.

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	**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: 1

1. Title:

"Employability enhancement through T&P activities"

2. Objectives:

   1. **To make students confident through professional activities.**
   2. **To impart company specific trainings**

3. The Context:

Placement drives have stages like aptitude test, group discussion, interview. Soft skills sessions are also vital.

4. The Practice:

   • **Value Added Workshop**
   • **Soft Skill Training**

Industry Specific Training

   • **Effective execution of AICTE internship policies**

5. Problems Encountered and Resources Required

It takes a lot of time and need counselling sessions to make the

students from rural background participative.

Best Practice: 2

1. Title of the Practice:

Unnat Bharat Abhiyan

2. Objectives:

- **To provide technical solutions to different problems of villagers**
- **To create environmental awareness**

3. The Context:

Mission of Unnat Bharat Abhiyan is identify development challenges in rural area and evolve appropriate solutions.

4. The Practice:

Institute has adopted five villages viz. Anewadi, Panmalewadi, Bamnoli, Kudal, Pachwad in which following activities carried out:

1. Educated villagers regarding National Education Policy and the necessary precautions to overcome prevalent pandemic

2. Cleanliness activity

3. Suggested solutions to the daily problems faced by the villagers

5. Problems Encountered and Resources Required

Lack of basic facilities in villages is a major obstacle during the stay.

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

Performance of the Institution in broader area distinctive to its priority through following major categories:

1. Industrial scholarship:

Following scholarships are available to the students:

Government of India Post Matric Scholarship (for SC. ST, VJNT, SBC, OBC Category), Rajashree Chatrpati Shahu Maharaj Shikshan Shulka Scholarship Scheme (EBC Category), Cummins Scholarship etc

Two students were awarded with the Cummins scholarship in the Academic Year 2019-20.

Six students were awarded with the Cummins scholarship in the Academic Year 2020-21 Eleven students were awarded with the Cummins scholarship for the Academic Year 2021-22.

The Institute takes efforts to train and mould the students for achieving the same which resulted in the increase of the student count getting the scholarship.

2. MOODLE Platform:

All study material including PPTs, PDFs, e-books, YouTube links are uploaded by respective faculty members for the reference of students. All the important circulars/notices are disseminated to students through MOODLE.

Student's attendance and performance in exams is monitored using MOODLE. Unit wise assignments are uploaded on the MOODLE and assessed by concerned faculty members.

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 Academic Monitoring Committee (AMC) with all representatives of departments ensures that the curriculum given by University is effectively adhered to. Before the start of the academic year institute prepares its academic calendar in line with the University calendar. Based on the institute's academic calendar all departments prepare the academic calendar which is approved by the Departmental Advisory Board (DAB).

All the academic content prepared by faculty members is given to the students through MOODLE. Also during the pandemic situation, internal and external examinations were carried out smoothly by the examination committee through MOODLE. The necessary books, the study material is issued to the students through a book bank facility available in the library. Utilisation of the course contents by students is verified by AMC.

The periodic assignment/class test/examination is conducted in order to assess the understanding of the students. The faculty members use teaching aids viz. Interactive Panel, Powerpoint Presentations for elaborating principles in the respective courses.

After evaluation of students' performance, slow learners were supported by remedial lectures to improve the results and advanced learners were offered MOOC courses.

All the twelve POs specified by AICTE got covered along with academics through organising co-curricular and extra-curricular activities.

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

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

Institute's academic calendar is prepared as per the directives given by DBATU and a Continuous Internal Evaluation of the student is carried out.

A. Continuous Assessment 1 (CA1):

Theory:

CA1 examination was conducted based on unit no 01 and unit no 02 which mapped CO1 and CO2 respectively. The evaluation scheme of the CA1 examination (10 Marks) consisted of assignments (04 Marks), objective examination (02 Marks), and descriptive examination (04 Marks).

Practical:

CA1 practical examination was conducted on the first five experiments for total of 30 marks in which 10 marks were allotted for laboratory assessment, 05 marks for attendance, 10 marks for practical exams, and 05 marks for mock orals.

B. Mid-Semester Examination:

Mid Semester Examination was conducted based on unit no 03 and unit no 04 which mapped CO3 and CO4 respectively. The evaluation scheme of Mid Semester Examination (20 Marks) consisted of objective examination (04 Marks) and descriptive examination (16 Marks).

C. Continuous Assessment 2 (CA2):

On the same lines of CA1 evaluation, CA2 was carried out on unit no 5 and unit no 6 with mapping of CO5 and CO6 respectively.

F. Papers were evaluated by considering the attainment of Course Outcomes (COs) by the student.

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	**C. Any 2 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

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)	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)

36

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

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

1197

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

1197

File Description	Documents
Any additional information	**No File Uploaded**
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

Professional Ethics

Timetable consists of TPO, Aptitude slots of two hours per week respectively. Three faculty members namely Mr Pathak, Mr Pawar and Mr Bichkar have designed the teaching plan of 40 hours, especially for the same. Various internships, alumni guest lectures, industry expert lectures, industrial visits are also arranged frequently. The students are promoted to complete their internships in summer, winter vacations, and during the eighth semester.

Gender

The Institute has a culture of involving both boys and girls in every activity. The various statutory and non-statutory committees of the Institute have the inclusion of both boys and girls. The Institute had arranged a separate session on 'Women empowerment' to encourage the girl students to participate in various activities. The Institute has Nirbhaya Pathak (Squad) which consists of women officer Dr Varsha Bhosale et.al to prevent eve-teasing, sexual harassment, and other crimes against women.

Environment and Sustainability

A course on Environmental Studies and NSS (National Service Scheme) is offered to students to develop a sense of awareness about the environment. NSS unit of 100 students ensures environmental awareness in nearby villages by organising camps. Around 354 plants are planted in the Institute's campus over the last 5 years.

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

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

11

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	<u>View File</u>
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	<u>View File</u>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<u>View File</u>

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

741

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<u>View File</u>

1.4 - Feedback System

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

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

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	http://103.159.152.195/moodle/mod/folder/view.php?id=6183

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

330

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

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

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

50

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

2.2 - Catering to Student Diversity

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

Identification and assessment of the learning levels of the students:

The advanced and slow learners were identified on the basis of various parameters such as self-evaluation, SWOT analysis, their participation in classroom discussion, performance in the assessment tests, questioning ability, participation in seminars/workshops/training, co-curricular and extra-curricular activities, and University result analysis.

In the GFM activity, each GFM identifies the strength and weaknesses of the individual student from the group of 20 students allotted to him/her.

Special programs for advanced learners:

The training is imparted to advanced learners through the various activities which come under the psychomotor domain and affective domain.

The students were encouraged to take industry-based projects under the guidance of faculty members on project management and prototype models. Students were encouraged to participate in paper presentation, poster presentation, lecture series, research paper presentations in conferences, etc. Students were guided and motivated to study English as well as other foreign languages besides GATE/Competitive Examinations.

Special programs for slow learners:

The training is imparted to slow learners through the various activities which come under the cognitive domain and

psychomotor domain.

Slow learners are supported with remedial classes, GFM
activity, extra practical sessions and provision of
University question bank

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
1300	78

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

Experiential learning

Students are encouraged to learn by participating in various
competitions like AVISHKAR, HACKATHON, independent collection
of literature through internet and industrial experts
regarding the current trends in technological innovations,
experiential learning by giving live industrial problems

through mini/major projects to enhance their problem-solving skills.

Participative learning

Faculty members ensure that class sessions will be interactive in nature, questions were asked during the lecture through a chat box and students were instructed to respond to the questions.

After completion of each Unit, faculty members uploaded 10 questions on the basis of Bloom's Taxonomy and the understanding level.

Assignments were given on each unit and COs were mapped with POs.

Students are made to analyse and solve the problems through brainstorming sessions, case study discussions.

Students are encouraged to develop their various skills like communication, interaction through games and role-plays.

Problem solving methodologies

Various industrial problem statements were collected and distributed amongst the students to work on it and find a better solution.

Problem-solving gallery is displayed at the entrance lobby on a monthly basis. All engineering problems related to the environment, society are highlighted and promoted amongst the students to solve the problems with the help of faculty members.

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

Faculty members used various ICT tools for effective delivery of the curriculum.

Smart Classroom:

Institute has a department-wise interactive panel with advanced features such as Screen Recording, Cloud-based teaching, Support and Intelligent features for multiple disciplines, the ability to access the internet, to control access to the same, multi-language, multiple-finger gesture recognition, and control, text, shape and voice recognition, which is effectively used by faculty members to enhance students' knowledge

Projector:

Projector is available in each department to clear the concepts of the students by using different tools such as PPT, Video clips, animations, etc

E-learning platforms viz NPTEL, COURSERA, UDEMY, Virtual labs, Google Meet, Zoom:

Advanced learners are encouraged to enroll for add-on courses through NPTEL/SWAYAM/MOOCS platform for learning the advancements in the course content. For each course, student groups were created and assigned with one separate faculty to mentor and submit their weekly assignments as well as clear their doubts in the video lectures.

During the pandemic situation; all practicals were conducted with the help of different platforms such as eduLib, MHRD virtual lab, and animated videos.

During online classes, the teaching-learning process was carried out through various platforms like Google meet, Zoom.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://agce.edu.in/2020-21ICT_tool.php

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

59

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

2.4 - Teacher Profile and Quality

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

78

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

5

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

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

2.4.3.1 - Total experience of full-time teachers

365

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

2.5 - Evaluation Process and Reforms

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

The evaluation pattern is in two parts - internal assessment (CA) and University theory examination. CA is carried out for 40 marks and University theory examination is for 60 marks.

Robust mechanism:

For internal assessment:

Continuous Assessment (CA) and Mid Semester Examination-

i) Theory papers

Carried out in online mode containing objective and descriptive questions through MOODLE. CA1 and CA2 examination is of 10 marks each while mid-semester examination is of 20 marks. Question papers were as per Bloom's Taxonomy. For CA-1 and CA-2 examinations, allotted marks were out of 10 and Mid-semester examination was for 20 marks.

Those students securing low marks, were given an option for remedial examination.

ii) Practicals

CA1 and CA2 examination was conducted for 30 marks each on online as well as offline mode.

Laboratory assessment, Internal practical examination 10 marks each

Attendance, Mock orals 5 marks each

Transparent Mechanism

Is ensured in the following manner:

1. After evaluation of descriptive answer sheets; model answers prepared by faculty members are discussed with the students in the central library and the corrections are confirmed, and marks displayed on MOODLE

2. Laboratory assessment was carried out in front of students and evaluated assignments were shown to students

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

Internal examination related grievances

CA-1, Mid-semester, and CA-2 examinations were conducted as per the Institute's examination calendar. After examinations are completed the papers are assessed by the faculty members in the library itself (CAP). In the practical slot, answer papers are shown to the students in the library. In case of any discrepancies in the marks, the same is corrected and informed to the Controller Of Examination (COE).

For evaluation of the practical performance of students, a separate Continuous assessment sheet is prepared. Assessment of practicals is carried out by considering timely submission (02 Marks), neatness (04 marks), understanding (04 Marks). This assessment is done in front of students during practical sessions of respective subjects. Practical CA1 is conducted after four weeks based on 50% of experiments and practical CA2 after twelve weeks based on the remaining 50 % of experiments listed. Marks are shown to the students during practical exams. If the students want to enhance their marks, another opportunity to conduct the experiments is given to them. Internal evaluation is completed as per the timetable.

It has been observed from the official record that no grievance from the University is recorded regarding the conduction of internal examinations.

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 process of CO framing for all the courses in all programs is discussed below:

- The COs for all courses along with curricula is received from the University.
- All faculty members verify them and do the necessary amendments based on Bloom's Taxonomy.
- The COs are mapped with POs and PSOs having differing correlation levels of either 1- Slight, 2- Moderate and 3- Substantial

Students are made aware of the Course Outcomes (COs) and Program Outcomes (POs) during this orientation program.

Dissemination of POs:

- Displayed at strategic locations in the departments, Institute website-https://agce.edu.in/
- Published regularly in the Institute's brochure, departmental magazine, Staff Diary.
- Presented during various value-added courses, workshops, seminars, induction programs.
- Conveyed during the teaching-learning process via the first lecture of a new semester.
- Printed in students' internship diary, workshop diary, civil field book, and student progress diary.

Dissemination of COs:

- COs are communicated and discussed with the students during the teaching-learning process at the beginning of each unit, and made available to them through Course Material, hand-outs, lab manuals, and also on Moodle, and also during practical sessions.

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.

- The Institute follows Outcome-Based Education philosophy for the measurement of attainment levels of Program Outcomes (POs) and Course Outcomes (COs).
- POs describe what students are expected to know and will be able to do, by the time they graduate. Curriculum, teaching-learning processes, and assessment methodologies are designed to align with POs and PSOs.
- The COs for individual courses were framed having an appropriate mapping with POs.
- For each course, the attainment percentage of all course outcomes is based on the student's performance in the internal and external examinations.
- Direct assessment methodology has two components - internal assessment and external assessment. Internal assessments are carried out for CA1, CA2, and Mid Sem examinations. External assessments are carried out for end-semester examination, oral/practical examination, and term work evaluation.
- Indirect assessment is carried out through various feedbacks received from stakeholders viz students, alumni, parents, employers, experts.
- The respective course in charge calculates the weightage of Bloom's Taxonomy
- The percentage of attainment is calculated for each CO against POs ensuring that the attainment percentage is greater than 60%. If less than 60% then remedial lectures are suggested.
- Students whose attainment percentage is greater than 80, are recommended for add-on courses under NPTEL/COURSERA/UDEMY/INTERNSHALA.

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

437

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	http://agce.edu.in/2020-21Pass_percentage.php

2.7 - Student Satisfaction Survey

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

http://agce.edu.in/2020-21Student_satis.php

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)

4.55

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	http://agce.edu.in/2020-21Research_fund.php

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

3

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

1

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

2

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 faculty members and students of the Institute are connected with the society through:

- **National Service Scheme (NSS)**

The Institute has one unit of NSS having 100 students who carried out activities like

Tree plantation:

54 trees were planted during the Academic Year 2020-21.

Health check-up, Blood donation camp:

Haemoglobin count, blood group, weight and health check-up was done of 81 volunteers, who also donated blood on 22nd February 2021.

Women's Day:

Celebrated on 8th March 2021 in which 52 women participated. On this day self-defence session was conducted by Miss Nikita Sonkatale, self defence expert.

E. World Menstrual Hygiene Day:

Was observed on 28th May 2021 in which 100 females participated online.

Unnat Bharat Abhiyan:

Our Institute adopted five villages Anewadi, Panmalewadi, Bamnoli, Kudal, Pachwad. On 21st October 2020 faculty team visited Pachwad educating every household regarding COVID 19.

Renewable energy and Recycling of water

Additional power generation was achieved during the Academic Year 2020-21 by installing a solar power plant of 4 kW capacity.

Digital awareness camp:

Digital awareness was created amongst the students of Panmalewadi to commemorate Foundation Day of Samarth Educational Trust on 23rd Feb 2021. More than 157 students made online payment.

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

2

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

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

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

3

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

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

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

237

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

21

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

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

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

24

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.

As per curriculum of DBATU, tools and equipment are upgraded for effective teaching-learning process. Each department has advanced equipment beyond syllabus viz. 3 D printing, e-vehicle, Visual studio, Solar power plant, Geographical Information System (GIS) software, FPGA & CPLD (VLSI) kits.

The Institute has an instructional area of 8057.53 sq meter consisting of Class rooms, Tutorial Rooms, Laboratories, Workshop, Additional Laboratory/ Workshop, Drawing Hall, Computer Centre, Seminar Hall, Library, Language Laboratory.

The Institute has an administrative area of 942.01 sq meter consisting of Principal office, board room, cabin for HOD & departmental office, faculty rooms, central store, security, examination control office and placement office.

The Institute has amenities area of 777.48 sq meter which include toilets, common rooms for girls and boys, cafeteria, stationary store, boys hostel, girls hostel.

The Institute has circulation area of 3568.81 sq meter which include common walkways, staircases, entrance lobby.

The Institute has an interactive panel and a well-equipped workshop. Institute has an internet access with 50 MBPS bandwidth provided by Neha infotech.

The library is well-equipped having 13586 text books,1194 reference books, 3983 e-books. A reading room is available in the main library and the ladies hostel. Separate Training & Placement Office is available.

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.

Following Cultural, Outdoor and Indoor sports facilities are available:

- Cultural activities:

Every year, in the month of February cultural events are celebrated. Traditional Day was celebrated on 19th Feb 2021

- Saree, Tie & Blazer Day celebrated on 20th Feb 2021

- Hollywood/Bollywood Day celebrated on 21st Feb 2021

- Chocolate day celebrated on 23rd Feb 2021

- Students are felicitated at the Institute for their remarkable performances in cultural activities. The national days, major festivals are celebrated enthusiastically.
- Institute has facilities of loud speakers, mikes, various musical instruments for all activities.

- Outdoor Games:

Institute has its own playgrounds for Cricket, Kabaddi, Kho-Kho, Football and Athletic games. Also there are facilities to conduct games like Volleyball, Handball, Tug of War.

- Indoor games:

Institute has facilities for conducting indoor games like Badminton, Table Tennis, Chess, Carrom in the gymkhana.

Chess competition (Chessmania) was conducted on 11th Feb 2021

- Gymnasium:

The gymnasium is equipped with an adjustable chest press bench, straight bar, curve bar, weight plates, dumbbells.

- **Yoga Club:**

The Institute has a 'Yoga Club' which organizes training and practicing sessions for students and staff. Faculty members also serve as instructors for Yoga Club. Institute celebrates 21st June, the International Yoga Day on a large scale.

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.

3

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

11

File Description	Documents
Upload any additional information	No File Uploaded
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)

0

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

4.2 - Library as a Learning Resource

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

The main objective of the central library is to provide seamless access to information to its users in a networked environment and to become a premier learning resource centre in Engineering, Science & Technology and related areas.

Library Management System Software –

The library has been automated using library management software 'BIYANI TECHNOLOGY & KOHA'. Login and password is given to all the students through which the student can access the library material for 24 hours a day. The record of books issued to students and staff was maintained through software. OPAC system facilitates students to search for books available and also to make requisitions.

The library has subscribed to e-Journals and scientific databases such as DELNET. These journals can be accessed at the Digital Library Section and through the Institute network.

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-	A. Any 4 or more of the above

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

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

0.13570

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

10, 76

File Description	Documents
Any additional information	View File
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

Currently Institute is using lease line of 50 MBPS. The Institute has a 24X7 WiFi facility in the campus to avail internet connection at any place in the Institute and hostel. Firewall protection given to the WiFi facility which enables access only academic related documents. Digital notice board is available for student's use.

There are 11-Overhead Projectors and 03 - Smart classrooms

Open-source tutorials of IIT Mumbai are available for students and faculty members. The Communication Skills Lab is upgraded with the necessary tools. The Institute has well-equipped, functional computer labs for the students. The college, its library has a well-equipped Wi-Fi facility which is beneficial to everyone. All the departments of the college are provided with computers and other related accessories. All teaching staff members use the ICT whenever needed. The different educational sites are shown to the students with the help of digital devices. Most of the official work is being done with the help of ICT. The institute regularly maintains the IT facilities.

Following facilities are available:

1. Institute itself formats the computer with the help of a computer operator.

2. Anti-virus is regularly installed on computers.

3. Wi-Fi connectivity available.

4. CCTV in every classroom.

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

4.3.2 - Number of Computers

309

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	View File
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)

55.53

File Description	Documents
Upload any additional information	View File
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.

Maintenance of physical, academic, support facilities is carried out as follows:

1. Laboratories: Lab in-charge is responsible for maintaining and upgrading the laboratory. Dead stock verification is carried out by infrastructure committee. Record of equipment, computers and required material is kept.

2. Library: Librarian focuses on the availability and utilization of instructional material. At the end of the academic year, stock verification is done and report prepared. Procurement of books is initiated through the library committee.

3. Sports complex: Sports instructor looks after the sports facilities and activities. If any equipment gets faulty, proposal for maintenance is submitted and preventive action is. The record of utilization of sport facilities, activities, awards given is kept.

4. Classrooms: Are allocated to all departments with necessary ICT tools. The classrooms are cleaned on a daily basis and monitored by the Institute supervisor. Electrical audit carried out every year. Fire extinguishers are installed in corridors of classrooms for safety purpose. Necessary demonstration is given to the students.

5. IT facilities: All departments in the Institute have PCs, essential software. The system administrator maintains the IT facilities in the Institute. In case of major issues of

`maintenance, vendors are hired for maintenance of IT`
`facilities.`

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

1166

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

89

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

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

File Description	Documents
Link to institutional website	http://agce.edu.in/2020-21Capacity_building.php
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

415

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

415

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	**A. All of the above**

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

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	View File
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

306

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

7

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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**

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	View File
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)

Students are given exposure to involve in activities as members of following committees.

Academic Monitoring

Mr Nandkumar Dubal et al worked as coordinators of various activities viz. preparation of academic calendar, conduction of lecture/practicals, implementation of GFM system.

Training and Placement Committee

Ms Snehal Kamble et al are actively involved in the activities conducted for enhancement of placements, internships.

Alumni Committee

Ms Sampada Chorage et al remained in contact with their alumni through social media, alumni meet, alumni mentor facility, guest lecture.

R & D and IPR

Ms Pradnya Vibhute et al organised and participated in R&D activities/workshops/project competitions.

ICT Committee

Ms Ankita Doudmani et al encouraged maximum students' participation in various online programs available under NPTEL/MOOCS.

Cultural & Sports committee:

Mr Vishwanath Metkari et al organized the activities viz. conferences, project contests, technical events.

National Service Scheme (NSS) Cell:

Institute has one unit of 100 students which is coordinated by NSS officer Mr Ankur Kamble along with Mr Utkarsh Pustake et al as student coordinators who conducted various social

activities, arranged NSS camp in different villages.

Library Committee

Mr Koushik Sawant et al remained in touch with library and coordinated various activities like library day, book bank facility.

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

5

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

5.4 - Alumni Engagement

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

- **To strengthen the alumni network, our Institute had registered an Alumni Association with registration number MAH/16235/SA dated 12/01/2018 with Charity Commissioner Office of Satara division.**

- **The Objectives of Alumni Association are:**

1. To maintain the data and update the current information of all Alumni.

2. To encourage a bond of friendship amongst the alumni.

3. To promote a sustained sense of belonging to the Alma Mater by being in regular contact with them.

4. To assist and support the efforts of AGCE in obtaining funds for development.

5. To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing reunion activities.

The Institute organizes an alumni meet every year wherein distinguished alumni visit the Institute, share their experiences, give the suggestions for development of the Institute, providing guidance through guest lectures, alumni mentor for final year project guidance, seminars, workshops and support for industry visits, internships, placement drives throughout the academic year.

- Alumni suggest gaps in syllabus considering current demands of industry.
- The alumni support the students with financial help during their project work, prizes for competitions, donation of books to the library and always interact with them.

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)	D. 1 Lakhs - 3Lakhs

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

VISION

To be prominent Institution by imparting value-added quality education that creates professional technocrats as well as entrepreneurs through lifelong learning to accomplish socio-environmental needs

MISSION

- To enrich competency among technocrats by imparting technical, innovative and managerial skills.
- To educate students for effective problem solving and continual progress for dynamic careers.
- To create social & environmental awareness among students and public at large.

Nature of Governance

Governance of the institution is reflective and in tune with the vision and mission of the institute. The decentralisation of authorities and responsibilities is carried out through different committees which will be ensured by committee members of various committees under the governing body.

ROLE OF GOVERNING BODY

The Board of Governors is the governing body for the institution, collectively responsible for framing the policies, implementing the institution's activities, determining its future direction, fostering an environment in which the institutional mission is achieved according the developmental plan.

PRIMARY ACCOUNTABILITIES

- To approve the mission and strategic vision of the institution.
- To ensure the establishment and monitoring of proper

- effective and efficient systems of control and accountability
- Monitor Institutional performance and quality assurance arrangements.
- To put in suitable arrangements for monitoring the Head of the institution's performance.

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.

DECENTRALIZED MANAGEMENT

Following committees monitors and reviews the effective leadership which include all stakeholders:

Academic Monitoring, IQAC, Examination, University/AICTE/DTE, Admission, Training & Placement, Alumni, R & D and IPR, Co-curricular, ICT, Peer Team/Anti ragging/Discipline, Reservation, Women's internal complaints/counselling & Medical Care, Student Development & Welfare/EDC/Higher Edu/Competitive exams, Extracurricular Activities/Cultural/Sports, Grievance & Redressal, Library.

Participative Management: -

Institute promotes a culture of participative management by involving all the concerned stakeholders in

- Governing Council
- College Development Committee
- Department Advisory Board
- Principal's Administration
- IQAC
- HoDs
- Level/ In-charge / Coordinator Level
- Faculty Level
- Student Council
- Cultural, Sport and other activities

Effective leadership is monitored and reviewed with the help of:

Principal's Administration: This is the key node that provides effective administration by handling academic and overall administration at the Institute level.

In-charge / Coordinator Level: They can take necessary action for overall controlling and monitoring of their corresponding committee / cell.

Head of Department (HOD) Level: HODs have enough freedom to plan for overall progress of the department. They can take necessary action for overall controlling and monitoring of the department.

Faculty level: Faculty members suggest and implement a variety of technical and non-technical programs, workshops, seminars for the benefit of students.

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 vision and mission of the institution is in line with the National Education Policy which is in tune with the industrial requirements. The Institute has a student centric approach and stakeholders are the final beneficiary of various developments.

A perspective plan is in the Institute which takes into consideration the following:

- **Affiliation with the University on a permanent basis**
- **Completion of reaccreditation of NAAC through the second cycle**
- **50% of the departments to be accredited by NBA**

- To be included in the section 12 (B) of the UGC Act
- To be approved as an autonomous institute
- Tying up with the training institutes for industrial readiness
- Promoting students for higher education

Strategic plan focuses on:

- Applying innovative teaching learning methods viz. Seminars, Lab Demonstrations.
- Arranging industrial visits, in-plant training and guest lectures for students.
- Use of teaching aids such as Smart Board, Models, Multimedia Presentations, NPTEL/SWAYAM/MOOC video lectures
- Sought permission for starting Bachelor of Vocational courses viz Machine Tools and manufacturing, Industrial automation, Software development and Data Science

- Publishing papers in journals by faculty members and also by students
- Sign MoUs with industry for training, interaction, inviting experts for interactive sessions.
- Purchase of Lab Equipment and Accessories
- Internships for students.

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.

AGCE has its own process handbook which defines the code of conduct of all the institutional activities.

AGCE QUALITY POLICY:

AGCE is committed to provide value-based quality education maintaining pace with changing technology to produce

competent and skilled professionals ready to accept global challenges. Improvisation adopted by AGCE is communicated to all stake holders on basis of their feedback. AGCE shall empower the Internal Quality Assurance Cell to be a quality conscious pillar through various quality activities.

ADMINISTRATIVE SET UP:

The key components of the organizational structure of the Institute are Secretary, Principal, HODs, Teaching, Non-teaching staff. Various committees with well-defined functions give academic and administrative leadership to the Institution.

SERVICE RULES AND REGULATIONS WITH PROCEDURES

Recruitment

- Recruitment is done before commencement of Academic Year, and payment will be made as per AICTE scale
- Recommendations of the selection committee comprising of Chairman, Administrator, Principal/Designated Authority, and respective HOD will be placed before the AGCE Governing council, along with details of sanctioned posts, for final approval.
- At the time of joining all appointees should submit original certificate, equivalence certificate.
- Every member of the staff shall agree to abide by all the conditions laid down by the Institution

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	**No File Uploaded**
Screen shots of user interfaces	View File
Any additional information	View File
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

In our Institution, staff welfare is given foremost importance. In connection with this, existing welfare measures for teaching and non-teaching staff are itemized below:

1. **Appreciation with the 'Best Faculty Award' for their efforts on the occasion of Foundation Day of the trust.**
2. **Appreciation of departmental faculty members by HOD for achieving outstanding results in their respective course.**
3. **Institute organizes free health & eye checkup for its members.**
4. **On duty leave and conveyance allowance are sanctioned to the teaching staff for attending Faculty Development Programs (FDP)/ Workshop/ Conferences/those who are pursuing their Ph.D**
5. **Faculty members are supported with medical allowance.**
6. **Maternity benefits are given as per norms.**
7. **Professional and life skills training through outdoor faculty orientation program.**
8. **Wi-Fi facility.**
9. **Extending EPF schemes are implemented to all eligible members of non-teaching staff.**
10. **Uniforms are provided for supporting staff.**
11. **FDPsare conducted on a regular basis.**
12. **Insurance facility is made available for employees.**
13. **Employees are granted 15 days paid leave for those affected with COVID-19, on submissionof his/her COVID positive report.**

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

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

02

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	[View File](#)
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

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

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

52

File Description	Documents
IQAC report summary	[View File](#)
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

Institute follows a well-defined and framed model of performance appraisal system namely Academic Performance Indicator (API) as per UGC guidelines.

In this scheme, the performances are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research Publications and Academic Contributions

The performance of each employee is assessed annually after completion of one year of service. The salient features of the performance appraisal system are as follows:

Teaching Staff

a) The performance of each faculty member is assessed according to the Annual Self-Assessment for the Performance Based Appraisal System (PBAS).

b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score.

c) Appropriate weightage is accorded for additional contributions for the overall assessment.

d) Faculty members whose promotions are recommended based on their API score are required to appear before the screening-cum-selection committee.

Assessment of faculty members is done on the basis of subject knowledge, awareness, productivity, quality, innovation, willingness to learn, diligence.

Faculty members are encouraged to enhance their knowledge through their participation in conferences, workshops, publications in Scopus indexed journals, book publication, sponsored projects, consultancy, research supervision, awards.

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

Internal Audit:

Institute conducts an internal audit on a quarterly basis by professionals working under Chartered Accountant. They verify and confirm all the finance related documents. Report of the audit is submitted to the Principal and the Registrar. In case of any query, it is referred to the Chief accountant. During internal audit no discrepancy was observed for freeship and EBC. Provident Fund account and Professional Tax is paid regularly.

External Audit:

Institute undergoes financial audit on a yearly basis in the month of May and June, which is done by M/S Godbole & Company, external Chartered Accountant as per the rules and regulations laid down by competent authorities. The cash books and daily account details maintained by using Tally are verified by the CA. Audited balance sheet duly signed is verified by the Fee Regulating Authority for arriving at the student's tuition fee. Audited balance sheet is submitted to the Income Tax Office and Charity Commissioner Office within time. All the reports to the authority was accepted and no compliance was pending.

Institute has a registered Alumni Association having a separate bank account in Bank of Baroda. The internal and external audit of this account is carried out regularly.

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

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)

127.158

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

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

Institute has a well-defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities. The Institute is being run with self sufficient funds generated from tuition fees and from Samarth Education Trust. In case of activities like expansion and renovation of the building, the management always supports by providing required finance. Financial planning is done efficiently at the beginning of the academic year and the budget is approved by theGoverning Body.

Optimum utilization of funds is ensured through: -

- **Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Interdisciplinary activities, Training programmes, Refresher Courses that ensures quality education.**
- **Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.**
- **Enhancement of library facilities needs to augment learning practices and accordingly requisite funds are utilized every year.**
- **Adequate funds are utilized for development and maintenance of infrastructure of the Institute.**
- **Partial funds are allocated for social service activities as part of social responsibilities through NSS and NCC.**

- **Institute provides financial assistance for mini projects.**

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

Institute focuses on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning.

IQAC performs the following tasks on a regular basis:

1. Improving interaction between industry & institute by conducting sessions of industrial personnel (Industry Talk)

2. Imparting professional skills amongst students through Campus to Corporate sessions.

3. Promoting Outcome Based Education. IQAC has approved reformation in the exam evaluation system which includes attainment of PO-CO.

4. Improving the quality of academic & administrative activities by considering the suggestions received from various stakeholders.

5. Effective implementation of AICTE internship policies so as to improve the employability of students.

6. Promoting research culture amongst students and faculty members by arranging workshops related to patent filing.

7. Improving the core competency of faculty members by conducting the activity of Quality Circle.

8. Preparation for NBA by signing MoU under AICTE Margadarshan Scheme.

9. Submission of Annual Quality Assurance Report (AQAR) to the apex body.

10. Submission of Academic Advisory Audit (AAA) report to the University.

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 conducts periodic reviews of the teaching-learning procedures, techniques, and learning outcomes. IQAC has implemented a number of improvements and quality measures since the initial cycle of accreditation and throughout the last five years:

1. Enhancement of the use of innovative pedagogical techniques:

Is done through online quizzes, use of virtual labs, hands-on practices, learning through entertaining games and so on. During academic monitoring, the IQAC verifies efficient use of innovative pedagogical techniques.

2. Increased use of ICT tools:

During the last five years more number of classrooms and seminar halls equipped with ICT tools such as interactive panels, projectors etc.

3. Implementation of outcome-based education (OBE)

IQAC monitors and undertakes periodic review of program outcomes, course outcomes and their attainments done by the

faculty members.

4. Strengthening of the ERP system.

Tally software is used for office related data, MOODLE as teaching-learning platform, 'BIYANI TECHNOLOGY and KOHA' is used for library automation

5. Membership of Quality Circle Forum of India:

Institute has active membership of Quality Circle Forum of India (Membership No: 056503119687). Under this membership, IQAC has taken initiative to conduct various activities like Quality Circle.

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)	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	<u>View File</u>
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

1. Inclusion of boys and girls in various committees:

Institute has a culture of student driven system. Equal opportunities are provided to boys as well as girls through various committees with equal delegation of authorities and responsibilities for girl students. The Institution provides safety and security facilities for the staff and students, such as CCTV Surveillance throughout the campus. Wearing ID cards is compulsory.

2. Counseling:

The department has an active Guardian Faculty Mentor (GFM) system. A batch of 20 students is allocated to each faculty member for monitoring issues like personal, psychological, difficulties in academics. It is implemented regularly at departmental level to help the students. Separate sessions are conducted for girls by female motivational speakers.

The architect has designed equal number of common rooms as well as washrooms for boys and girls. The washrooms used by girl students are equipped with sanitary napkin vending and disposal machines for the safe and hygienic disposal of sanitary napkins.

3. Other relevant initiatives:

Separate study rooms, computing facilities, outdoor games, cafeterias are provided for both boys and girls. For girls and female workers, a blood group and hemoglobin checkup camp and guest lectures on health awareness are all planned periodically.

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://agce.edu.in/2020-21Gender_equity.php

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	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid waste management

Waste management procedures are at place in the Institute in association with Gram panchayat Panmalewadi. Reduce, Reuse, and Recycle policy is implemented. Solid waste is collected and sold to scrap vendors. Reusable one-sided printed papers are used for academic, administrative purposes. Paper waste is shredded and recycled. Food waste is separated and sent to

a biogas plant. Metal scrap is sold out. Old projects are reworked and reused for practicals.

Liquid waste management:

AGCE Campus generates waste water, which includes sewage from the main buildings, girl's hostels. Waste water is used for gardening and irrigation after primary treating it through a soak pit.

Biomedical waste management:

It is very low and its management is executed with the help of third party.

e-waste management

In collaboration with M/S Shirke Scrap Centre Satara, the Institute implemented various e-waste management strategies on campus. Components are reused in student mini-projects, displayed in corridors and laboratory demonstrations. The e-wastes like computers, keyboards, mouse are collected and are disposed off.

Hazardous chemicals and radioactive waste management:

The chemicals used in chemistry, environmental labs are diluted and disposed off in sand pits. Use of radioactive materials is strictly prohibited.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
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	A. Any 4 or all of the above

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: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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	**B. Any 3 of the above**

01-09-2022 08:28:30

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	**No File Uploaded**
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 reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**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).

Institute provides inclusive environment through following

initiatives:

Tolerance and harmony towards cultural and communal diversities:

Every year faculty members, staff, and students attend patriotic functions organized to commemorate Independence Day, Republic Day. Flag hoisting followed by various technical competitions are organised. Various cultural days, birth anniversaries of great leaders are also celebrated with great fervour and enthusiasm. Meetings were held by the Minority, OBC, SC/ST committee to ensure student harmony.

Tolerance and harmony towards regional, linguistic diversities:

Students from diverse regions were admitted to our Institute. The Institute always maintains and supports holistic culture in the campus. The Institute has hostel facilities for girl students, female faculty members. Majority of faculty members are from Maharashtra and neighbouring states. A bond of friendship created between them through their participation in various festivals, during meetings, conferences.

Tolerance and harmony towards socio-economic diversities:

Institute's Sawkar Scholarship Scheme is effectively implemented for economically weaker students, those who have lost either of their parents. Special efforts are taken to guide students for various private scholarships such as Cummins scholarship.

Facility of paying fees in instalment is provided to the students. The dress code is implemented to avoid social, economic disparity and also to maintain uniformity.

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

The culture of serving the society percolates from the leadership, right from the top management, faculty members, staff and to the students.

Activities for constitutional obligations: values, rights

Morning schedule begins with the playing of the national anthem centrally. The students were made aware about registering themselves in the voters list. The National Service Scheme volunteers created awareness about cleanliness, COVID-19 protocols through posters. The audit course 'Basic Human Rights' included in curriculum taught human values, rights, duties, responsibilities of citizens.

Activities regarding duties and responsibilities of citizens:

Institute has in place AGCE process handbook where all duties and responsibilities are clearly mentioned right from students to faculty members and these are followed to the hilt.

Independence Day, Republic Day are celebrated every year with great fervour and patriotism which are attended by faculty members, staff and students. Preamble pledge is read on these days. Various eminent personalities visited the campus during the induction program and guided the students regarding values, ethics and patriotism which they must inculcate. In the Institute campus, smoking and consumption of tobacco is strictly banned.

01-09-2022 08:28:30

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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

Institution celebrates commemorative days, events and festivals. The cultural committee organizes various activities to sensitize the students about various cultures, rituals present in the society. Event calendar is prepared at the start of each semester and events are conducted with the active participation of the students and also members of all

the departments concerned.

Commemorative days:

Independence and Republic Days are celebrated on a grand scale. Flag hoisting took place at the auspicious hands of our Hon. Chairman Mr Arvind Gavali followed by his address to the students. Birth anniversaries of great leaders are celebrated in the Institute with the active participation of students and faculty members. Trust's Foundation Day was celebrated on 23rd February by appreciating the contributions of teaching and non-teaching staff followed by dinner.

Events:

Teacher's Day, Engineers Day, National Librarian's Day, National Safety Day etc. are the days celebrated in the Institute.

Festivals:

Ganesh Chaturthi is celebrated centrally on a grand scale for five days. Workshop takes the initiative in celebrating Khande Navami in association with laboratories. Also the Holi festival is celebrated in the Institute. The Youth-Cultural festival 'TARUNAI' is organised every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
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: 1

1. Title:

"Employability enhancement through T&P activities"

2. Objectives:

   1. To make students confident through professional activities.
   2. To impart company specific trainings

3. The Context:

Placement drives have stages like aptitude test, group discussion, interview. Soft skills sessions are also vital.

4. The Practice:

   - Value Added Workshop
   - Soft Skill Training

Industry Specific Training

   - Effective execution of AICTE internship policies

5. Problems Encountered and Resources Required

It takes a lot of time and need counselling sessions to make the students from rural background participative.

Best Practice: 2

1. Title of the Practice:

Unnat Bharat Abhiyan

2. Objectives:

   - To provide technical solutions to different problems of villagers
   - To create environmental awareness

3. The Context:

Mission of Unnat Bharat Abhiyan is identify development challenges in rural area and evolve appropriate solutions.

4. The Practice:

Institute has adopted five villages viz. Anewadi, Panmalewadi, Bamnoli, Kudal, Pachwad in which following activities carried out:

1. Educated villagers regarding National Education Policy and the necessary precautions to overcome prevalent pandemic

2. Cleanliness activity

3. Suggested solutions to the daily problems faced by the villagers

5. Problems Encountered and Resources Required

Lack of basic facilities in villages is a major obstacle during the stay.

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

Performance of the Institution in broader area distinctive to its priority through following major categories:

1. Industrial scholarship:

Following scholarships are available to the students:

Government of India Post Matric Scholarship (for SC. ST, VJNT, SBC, OBC Category), Rajashree Chatrpati Shahu Maharaj Shikshan Shulka Scholarship Scheme (EBC Category), Cummins Scholarship etc

Two students were awarded with the Cummins scholarship in the Academic Year 2019-20.

Six students were awarded with the Cummins scholarship in the Academic Year 2020-21 Eleven students were awarded with the Cummins scholarship for the Academic Year 2021-22.

The Institute takes efforts to train and mould the students for achieving the same which resulted in the increase of the student count getting the scholarship.

2. MOODLE Platform:

All study material including PPTs, PDFs, e-books, YouTube links are uploaded by respective faculty members for the reference of students. All the important circulars/notices are disseminated to students through MOODLE.

Student's attendance and performance in exams is monitored using MOODLE. Unit wise assignments are uploaded on the MOODLE and assessed by concerned faculty members.

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

7.3.2 - Plan of action for the next academic year

1. To be accredited with NBA and reaccredited by NAAC:

Institute is preparing for NBA accreditation under AICTE Margadarshan scheme. Kolhapur Institute of Technology Kolhapur (KIT) is mentee of our institute under this scheme. KIT has approved the Pre-qualifier of four departments of our Institute.

Institute has planned to be reaccredited by NAAC with A+ grade from the existing B+ grade.

2. Enhancement of Industry involvement in the Institute academics:

Series of lectures of industry personnel are to be arranged to enhance the involvement of the industry.

3. Enhancement of alumni contribution:

Institute has made plans to tap the alumni by arranging guest lectures, mentoring students for final year projects etc

4. Enhance engagement of stakeholders through 360-degree feedback:

Institute is planning to update the questionnaires of the feedback to be taken from various stakeholders viz

- Student's course feedback

- Alumni feedback

- Student's feedback of the expert's lecture

- Feedback from the expert

- Employers feedback

- Parent's feedback

- Program exit survey

- Student's feedback of industrial visit/internship.

5. Free Insurance and medical facility:

Institute is planning to provide free health check-up and medical counselling to all the faculty members, along with free insurance.