



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		Jawahar Education Society's A. C. Patil College of Engineering
• Name of the Head of the institution		Dr. Vijaykumar N. Pawar
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		02227745722
• Mobile no		9869782468
• Registered e-mail		principal@acpce.ac.in
• Alternate e-mail		registrar@acpce.ac.in
• Address		Plot 17 Sector 4 Kharghar
• City/Town		Navi Mumbai
• State/UT		Maharashtra
• Pin Code		410210
2.Institutional status		
• Affiliated /Constituent		Affiliated
• Type of Institution		Co-education
• Location		Urban

<ul style="list-style-type: none"> Financial Status 	Self-financing																
<ul style="list-style-type: none"> Name of the Affiliating University 	Mumbai University																
<ul style="list-style-type: none"> Name of the IQAC Coordinator 	Dr. M. M. Deshpande																
<ul style="list-style-type: none"> Phone No. 	02227745722																
<ul style="list-style-type: none"> Alternate phone No. 	02227745732																
<ul style="list-style-type: none"> Mobile 	9892559185																
<ul style="list-style-type: none"> IQAC e-mail address 	iqac@acpce.ac.in																
<ul style="list-style-type: none"> Alternate Email address 	mmdeshpande@acpce.ac.in																
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.acpce.org/important-links/iqac/																
4.Whether Academic Calendar prepared during the year?	Yes																
<ul style="list-style-type: none"> if yes, whether it is uploaded in the Institutional website Web link: 	https://www.acpce.org/academic-calendar/																
5.Accreditation Details																	
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 16.6%;">Cycle</th><th style="width: 16.6%;">Grade</th><th style="width: 16.6%;">CGPA</th><th style="width: 16.6%;">Year of Accreditation</th><th style="width: 16.6%;">Validity from</th><th style="width: 16.6%;">Validity to</th></tr> </thead> <tbody> <tr> <td>Cycle 1</td><td>B+</td><td>2.71</td><td>2018</td><td>26/09/2018</td><td>25/09/2023</td></tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B+	2.71	2018	26/09/2018	25/09/2023
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Cycle 1	B+	2.71	2018	26/09/2018	25/09/2023												
6.Date of Establishment of IQAC			05/06/2017														
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,																	
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">Institutional/Department /Faculty</th><th style="width: 20%;">Scheme</th><th style="width: 20%;">Funding Agency</th><th style="width: 20%;">Year of award with duration</th><th style="width: 20%;">Amount</th></tr> </thead> <tbody> <tr> <td>Nil</td><td>Nil</td><td>Nil</td><td>Nil</td><td>0</td></tr> </tbody> </table>						Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	Nil	Nil	Nil	Nil	0		
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Nil	Nil	Nil	Nil	0													
8.Whether composition of IQAC as per latest NAAC guidelines			Yes														
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 			View File														

9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>* Effective implementation of online education * Academic ERP partial implementation * NBA preparation</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
Creating infrastructure for online education	infrastructure was created, staff were given training and implemented successfully	
NBA documentation as per SSR	prepared , waited for visit	
Online Fees collection module	implemented	
13.Whether the AQAR was placed before statutory body?	No	
<ul style="list-style-type: none"> Name of the statutory body 		
Name	Date of meeting(s)	
Nil	Nil	
14.Whether institutional data submitted to AISHE		

Year	Date of Submission
2021	22/12/2022

15. Multidisciplinary / interdisciplinary

The institute understand that real world engineering is multidisciplinary. So we encourage the students get domain knowledge of other engineering domain. We have a big ROBOCON team which has students from Mechanical, Electrical, Telecommunication, IT and computer engineering background. University has allowed students to form major project group from other engineering branches. We have also started courses like AI, Data science, Blockchain, IOT. Some of the electives are finance management, environment management, etc.

16. Academic bank of credits (ABC):

We have received circular from Mumbai university to which we are affiliated to initiate the process to create ABC ID of the students. We have initiated the process.

17. Skill development:

Apart from regular courses and laboratory sessions, institute makes special efforts to enhance soft skills and technical skills. Training and placement cell has arranged various programs to enhance oral communication skill, content writing, resume building skills. Group discussion training was conducted. Importance of team building, team work and leadership skills were taught through various activities.

Students were given sessions on beginning of start ups, finance assistance by private and government agencies.

Students were encouraged to participate in various technical project competitions like Avishkar, ROBOCON, QUADBIKE where student could develop technical problem solving skills, interpersonal communication, teamwork and leadership skills. The department and TPO has also arranged sessions on latest trends in industry by industry experts

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

We do integrate Indian knowledge system by conducting yoga sessions, celebrating international yoga day, national festivals, birth and death anniversaries of freedom fighters, scientist and leaders. We

celebrate international Marathi Bhasha day, a regional language. We have our annual cultural program which is true reflection of Indian knowledge system and indian culture. However, we do not have any online course as such.

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

Institute has already adopted outcome based education. Mapping of vision mission of deparment/institute has been done with POs and PSOs. Vision , mission, POs, PSOs are displayed on website , in classrooms, labs. Teachres frame COs of courses and map it to POs and PSOs. Feedbacks are also mapped to POs. The course attainment is calculated at the end of semester. The batch is tracked for the all course outcome and program attainment is calculated,

20.Distance education/online education:

Institute had adopted online education in first half of academic year 2021-22 due to covid 19 pandemic. Institute ha sall the infrastructure required for the online education. We also conduct extra or remedial classes on holidays in online mode.

Extended Profile

1.Programme

1.1	8
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1769
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	807
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	473
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	69
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	96
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	36
Total number of Classrooms and Seminar halls	
4.2	336.59
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	677
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

A.C. Patil college, Navi Mumbai is affiliated to Mumbai University and hence all programmes follows the curricula prescribed by the University of Mumbai. Teaching plan is prepared by every faculty member at the beginning of academic year to ensure effective curriculum delivery. Department conducts the unit tests to check whether the students have acquired knowledge as outlined in the objectives of the curriculum. Department integrates Classroom teaching with various ICT tools, laboratory practical's, tutorials, field survey, etc. to strive for effective transmission of curriculum. College organizes seminars and workshops frequently to upgrade the knowledge and adapt latest technologies. The college organizes guest lectures, expert lectures of eminent academicians, for the effective curriculum delivery. At the end of every academic year, feedback from teachers, students and guardian is collected by IQAC in coordination with feedback committee, it is then analyzed and analysis report is communicated to the administration of the students.

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

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

At the beginning of each semester, every institute affiliated to university prepares a academic calendar which specifies appropriate available dates for the academic and co-curricular activities. To ensure complete adherence, all the classes and examinations are planned as per the calendar. The academic calendars help faculty members to plan their respective course delivery, academic and co-curricular activities. Faculty members prepares teaching plan based on academic calendar detailed enough to complete the syllabus in available timeframe. The completion of the syllabus as per the lesson plan prepared by faculty members is supervised and monitored by the department heads. Each department collects syllabus coverage

for each CIE well in advance and faculty members adhere to it. Faculty prepares Internal Assessment question papers based on the Bloom's Taxonomy . The answer sheets are checked by faculty in each department to ensure transparent and unbiased evaluation. Apart from evaluation faculty carries calculation of CO-PO/PSO attainment.

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

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

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

1.2 - Academic Flexibility

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

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

10

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)

10

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

15

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

The institute has incorporated a variety of courses into the curriculum in order to integrate cross-cutting issues like gender, the environment and sustainability, human values, and professional ethics. Several of these courses concentrate on professional competencies while others aim to foster general competencies such as social and ethical values, human values, environmental sensitivity,

etc., resulting in an all-encompassing growth of the students.

- **Professional Ethics:** Students are offered various training programs on professional ethics to equip them with necessary soft skills for prospective future professions. Life skill training programs conducted to make them future ready.
- **Gender Sensitivity:**
- **Human Values:** Under NSS(National Service Scheme) unit of the Institute , different activities get organised like blood donation camps, health check-up camps, cleanliness drives, webinars on social concerns, etc are some of the examples of social development activities taken up by students and faculty members.
- **Environment studies:** An environment studies subject is offered in the UG programmes. To increase student's awareness of environmental and sustainability issues, tree plantation activity is conducted.

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

34

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

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

137

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	https://drive.google.com/drive/u/0/folders/1pUR9FaX4uIbwsV-EcwVFI_1X2fndQGYV
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

B. Feedback collected, analyzed and action has been taken

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

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 students admitted during the year

671

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

331

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Learning Levels: Subject teachers conduct pre-requisite discussion and survey on very first day of course delivery to identify the learning ability of students. Students learning ability is also identified through thorough analysis of their historical scores in

prerequisite courses. As per the findings of the first session and their previous past performance,

Advanced learners: The advanced learners are advised and guided to refer online resources and undertake advanced online courses available on NPTEL and Swayam platform. They are provided special training for appearing in competitive examinations for higher technical studies as well as overseas education. Soft skill and leadership training is provided through curricular and co-curricular activities for diverse learning style. The college encourages them to participate in national level competition such as Robocon, Avishkaar, Ventura, Transform Maharashtra, e-Yantra. They are encouraged to participate in the student chapters like CSI (Computer Society of India), ISA (International Society of automation), IETE

Thus, Institute is putting consistent efforts to enhance learning ability of the students and always encourages participative and interactive learning.

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

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

Number of Students	Number of Teachers
1769	96

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

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

Experiential learning: To impart experiential learning, practical in the laboratories of various subjects enhances technical skills among

students. Projects of students develop their understanding of the processes of scientific research within their particular discipline. These projects give chance to the students to solve authentic problems and produce results. It also develops higher level thinking. Students learn better by doing and observing themselves as they are able to grasp the subjects effectively.

Participative learning: Students are assigned additional responsibility of organizing association activities like workshops, seminars, guest lectures etc. by the event coordinator. Industrial visits, internship activities help the students to create innovative ideas and also stimulate their research abilities. The institution encourages internship training for the students so as to experience the concepts which are taught in the classroom.

Problem solving methodologies: To exhibit the critical thinking, creativity and scientific temper of the students, the institution conducts problem solving events in "Technical Festival" in the institute and departmental level every year. Many attractive problem solving activities are organised to enhance their critical thinking like technical quiz, robotics design, cracking the code and circuit debugging.

The institute strongly believe that Good teaching is open to change.

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

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

Student centric techniques are used like assignments, peer learning, group discussion, brainstorming, use of audio-video lectures, case studies, projects, quiz etc., in the delivery of the academic courses To enhance the learning experience of the students, NPTEL videos and Internet access are made available in the campus. Students are encouraged to attend in-plant training during their vacation period to enhance their practical knowledge. ICT enabled teaching methodologies are followed by the faculty members.

During this year because of the pandemic of Covid 19, lectures were conducted online. Teachers were trained to conduct the online

classes using the google classroom. It includes conduction of online audio-video lectures, practicals and quizzes. Submission of assignment, practicals and test were done by the students in the same classroom. This submission was subsequently graded and informed to the individual student.

While conducting the online lectures, teachers used various tools and techniques to make lecture more interactive and interesting. Some of the tools used by the teachers are-

- Power point presentation,
- Animation
- Video clips
- Pen tablet
- Video camera
- Google sheets etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

90

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

96

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

9

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

842 Years

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

2.5 - Evaluation Process and Reforms

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

The Institute prepares an Academic Calendar in line with university calendar prior to the commencement of the academic year in

consultation with the Academic Council comprising of Heads of the Departments. A

- University prescribes 80% marks for end semester examinations and 20% marks for the IA tests for theory examinations. The IA test marks is an average of two tests conducted for a course during the semester by the college. Internal assessment of students is done based on Term Work, IA tests, Assignments, Quiz / Module test etc.
- Institute maintains complete transparency in the internal assessment of student which is disseminated time to time. Test co-ordinators are appointed by Head of Departments for conduction of internal assessment test. IA test schedule and seating arrangement in examination rooms are displayed and examinations are conducted strictly as per the guidelines issued by University of Mumbai .
- Term Work of the Students is assessed on the basis of criteria like attendance, assignments, timely submission, presentation, understanding, performance and attentiveness.
- Faculty also discusses model answers and shortcomings in performance with students to enable them to enhance their learnings and overcome the shortcomings.

Assessment system adapted by Institute is transparent yet robust.

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

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

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are scripted after discussion with stakeholders to meet Mission and Vision of Institute and Program as well. Program Outcomes and Program Specific Outcomes are approved in Department Advisory Committee comprising of representatives from Industry, alumni and professional bodies. The subject teachers define COs for respective course and proposed COs are discussed and approved by Department Advisory Committee.

- POs and PSOs of the respective departments are displayed on all lab notice boards and the same are communicated with students through online groups and college website.

- The COs are displayed on department notice board, discussed in class with students by subject teacher and also communicated through online groups.
- Institute advices students to attach Vision, mission, POs, PSOs and COs in submission file.
- Gaps are identified and the course delivery is planned accordingly. The course plan is maintained by teacher in his/her course file. The course plan is shared to students well in advance through Google groups, websites and URLs. Reference books, websites and URLs are used for scripting COs.

Institute follows action plan to ensure Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are widely publicized and broadcasted in students community.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are scripted after discussion with stakeholders to meet Mission and Vision of Institute and Program as well. Program Outcomes and Program Specific Outcomes are approved in Department Advisory Committee comprising of representatives from Industry, alumni and professional bodies. The subject teachers define COs for respective course and proposed COs are discussed and approved by Department Advisory Committee.

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File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of program outcomes, program specific outcomes and course outcomes is evaluated to identify the reach and effectiveness of course delivery by a teacher to the students. Attainment level scores calculated using Learning Management system and other software tools are used to refine teaching methodologies and strategies to improve the reach to the students.

- Every course has its defined Course Outcomes designed by course teacher covering every aspect of course. Attainment level of COs, is calculated using various assessment tools such as Internal assessment tests, assignments, quiz/module test and lab performance.
- Two Internal Assessments Tests are conducted in a semester for each course. It covers most of the COs defined by course teacher.
- Course teacher do the mapping of defined COs with program outcome and PSOs. Attainment level of the same is also calculated using assessment tools.
- Attainment level periodic analysis helps teacher in identifying the students' strength and weakness and identifying topics that needs more attention.
- At the end of course. The course exit feedback is analysed by the respective teachers to refine their teaching strategies.

Attainment level helps student to find out a quantum of knowledge acquired by learning the course and helps teacher as well to improve

course delivery.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

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

445

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	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

2.7 - Student Satisfaction Survey

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

https://drive.google.com/drive/folders/1q5qAw8r804SQw3lmN_4kJp_ttrII5aSa?usp=drive_link

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)

00

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

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

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

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

00

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	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute understand that real world engineering is

multidisciplinary. So we encourage the students get domain knowledge of other engineering domain. We have a big ROBOCON team which has students from Mechanical, Electrical , Telecommunication, IT and computer engineering background.

Innovation Cell of the institute is formed to encourage, inspire and nurture students with an innovative bent of mind. A talent hunt is conducted to select team members. Students from multidisciplinary background form a team. A culture of working in groups and problem solving is developed. They are trained, assigned task and motivated to work on their ideas and share their view points.

ACPCE Innovation Cell (IIC) organized IPR awareness program under the flagship of Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA)

Webinar on Industrial Expert session on emerging technologies with certification free training on Ethical Hacking" by Quantum learning training pattern of Microsoft and IBM organized by ACPCE.

Innovation Cell of the institute is formed to encourage, inspire and nurture students with an innovative bent of mind. A talent hunt is conducted to select team members. Students from multidisciplinary background form a team. A culture of working in groups and problem solving is developed. They are trained, assigned task and motivated to work on their ideas and share their view points.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

06

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

05

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

48

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

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

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

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute actively involved in a practical approach to a comprehensive learning system where physical, social, emotional, mind and spiritual growth of a student's is taken care. This style of education not only focuses on mere learning but also on implementing what is learnt.

Some of the activities during this academic year are listed below:

- The Institute participated in the Two Days National Conference on Role and Contribution of Students and Youth Movements in Nation Building during Pre and Post-Independence Era was organized by University of Mumbai.
- The Institute participated in 'Smurtigandh' event on zoom meeting for the occasion of the anniversary of honorable Balasaheb Thackeray organized by the Shreeman Balasaheb Thackeray Adhyasan kentdra, University of Mumbai.
- TheInstitute organized a Blood Donation Camp in association with Tata Cancer Hospital (ACTREC) and one-day free medical camp in the association with Dr. G. D. Pol Foundation's Health Center..
- On the Occasion of 73rd Republic Day, Celebrated by Planting many trees anddonation of the clothes at slum area of kalamboli.
- The Institue had conducted "Helmet Awareness Drive" . Then Traffic Officer explained the casualties that may occur if rules were not followed properly.

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

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

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

00

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	No File Uploaded

3.4.3 - 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

3.4.3.1 - 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

53

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

53

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

133

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

06

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution aims at providing and enhancing the infrastructure facilities for effective teaching and learning. The college management and authorities adhere to the infrastructure and development policies and plan to create the required and adequate infrastructural facilities when there is a need and demand. The college is sufficiently well equipped in terms of physical infrastructure for existing academic programs and office administration. The entire classrooms are optimally utilized. The academic session is so framed that our classrooms, laboratories and computing equipment are occupied from morning till evening. Regular campus activities ensure that our ICT based class rooms and seminar halls are utilized around the year. The college campus has sufficient space for all academic, administrative, co curricular and extracurricular activities. Each department of the institute is well equipped with independent classrooms, laboratories, tutorial rooms, workshop and seminar hall etc. The Institute has the best Infrastructure and Learning Resources with good ventilation and ICT enabled classrooms and laboratories viz, 24 classrooms having seating capacity of 80 students each , 07 tutorial rooms having seating capacity of 30 students each ,04 Seminar Hall of which one seminar hall with is 200 seating capacity and rest 100 seating capacity each and 61 Laboratories having seating capacity of 25 students each. The institution has Spacious class rooms Well furnished and fully equipped Laboratories with Network connectivity, free internet, lab resources, Digital library, drinking water facilities, Wi-Fi Connectivity, Department library, Vast playground area, Vehicle Parking, Canteen and stationary facilities Generators.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vmedulife.com/public/auth/#/login/acpcoe-navi-mumbai

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

For the overall development of the students, the institute focuses on the physical health of the budding engineers which also help them to develop their sportsmanship spirit. The college has spacious ground which is used for cultural activity and outdoor games on the ground. The playground area is 2200 sq.met. Students practice outdoor games like Kabaddi, Kho-Kho, Football, Volleyball, Cricket and Badminton and play there on a regular basis. To conduct the indoor games like chess, carom, table tennis etc we have a separate area of 180 square meters. College has a gymnasium with an area of 90 square meters. College observes Yoga Day every year where yoga experts are called for expert sessions, best asan(posture) etc.

ACPCE organizes its annual cultural Fest Rhythms which explores the hidden talents of students and gives them a platform to express themselves in a creative manner. Institute conducts seminars on Stress Management and Time Management every year which help for the mental well-being of the students in this materialistic and time-bound world. Also, in order to manage life full of stress, anxiety and depression, College organizes courses on Meditation. To meet the corporate needs, Students are trained in the link language (English). To strengthen the relationship with mother- tongue , "Marathi Bhasha Diwas" is celebrated with great zest and zeal. For the development of spiritual well- being, the College organizes "Ganesh Utsav" annually in the premises.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/category/college-fest/ , https://www.acpce.org/life-acpce/ , https://www.acpce.org/academics/ug-programme/electrical-engineering/student-association-activities/

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

36

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/research/
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)

336.259

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

4.2 - Library as a Learning Resource

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

A C Patil College of Engineering Library is using SOUL 3.0 Integrated Library Management Software (ILMS) Developed By INFLIBNET since 2009. This is fully Automation software and it contains various modules like Acquisition, Catalogue, Circulation, Serial control, OPAC, Administration etc.

The details are as below:

- Name of ILMS software - SOUL 3.0

- Nature of automation (fully or partially) - Fully
- Version - 3.0
- Year of Automation - 2009

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.acpce.org/library/

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

File Description	Documents
Upload any additional information	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)

9.53160

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

100-120

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

The institute provides its students with state of the art, well-furnished computer labs, with 702 computers exclusively for students and administrative office requirements. Internet enabled computing laboratories are available for day-to-day computing needs of students. Institute has Computer-Student ratio of 1:3. All computers have at least I3 processors, with a minimum of 80 GB HDD and a minimum of 1GB RAM. The computers in each laboratory are networked over a LAN using CAT 6 cable. The network covers the laboratories, administrative offices and classrooms of the College.

Internet Availability

Internet at a speed of 50 MBPS access for internet browsing requirements in the Computing laboratories and classrooms.

Wi-Fi

Apart from 50 MBPS internet connection, the campus of the College is wi-fi enabled by Airtel and Jio with a maximum of 20 MB usage per user per day.

Proprietary Software

The College promotes the use of Free and Open Source software, for use by the faculty members, administration and laboratories. For specialized computing needs (such as controlling certain lab equipment, teaching of certain lab courses of certain departments, etc.), the college recommends that this be done over a free operating system such as Ubuntu.

However, the college has licenses for the following proprietary software

MATLAB

GATE

ETNL

AutoCAD 2008

PTC

CREO design software

MSDN Academic Alliance (Microsoft DreamSpark)

SOUL 2.0 Library Software

Examination Software Tally ERP9 Gold Tally ERP9 Silver

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

4.3.2 - Number of Computers

677

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

106.02

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

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

The college has a Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories. The Maintenance committee is headed by the Estate Officer who in turn monitors the work of the Maintenance Supervisor at the next level. The maintenance Supervisor conducts periodic checks to ensure the efficiency /working condition of the infrastructure. Parking facility is well organized. The campus maintenance is monitored through surveillance Cameras. The institution has appointed employees on permanent basis for maintenance and repair works.

A Maintenance Engineer, one clerk, and Class IV employees, a gardener, are available for the upkeep of the building. All class rooms, bath rooms and college premises and the infrastructural materials are maintained by the sweeping agency.

The electricians from the Electrical Engineering department maintain

and upkeep all the electrical instruments and generators and do all other electrical works. The College has HT electricity supply and also installed generators with 125 KV to maintain the power supply all the time, Voltage fluctuations are avoided by uninterrupted power supply. The voltage and power supply is regularly checked by the appointed electricians. The arrangement of battery backup and inverters protect computer accessories for constant power. The water purifier and water coolers are installed on all floors to supply purified drinking water. Outsource person and instrument supplier are maintaining the instruments and equipment whenever there is a requirement. For this AMC's are given for Water Purifier, Lift, Generator, UPS, Fire Fighting system, EPABX, Air Conditioners, CCTV cameras etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/acpce-documents/IT%20Policy/IT%20policy%20acknowledgement.pdf

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

1286

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

Nil

File Description	Documents
Upload any additional information	No File Uploaded
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	https://https://www.acpce.org/category/latest-news/
Any additional information	No File Uploaded
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

32

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

32

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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

25

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

11

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

during the year

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

0

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

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

Every academic year a fresh student council is formed by the Principal and HOD's. The student council comprises of General Secretary, Cultural Secretary, Technical Secretary, Sports Secretary, University Representative, Ladies representative who are elected and also some nominated members. Student Council plays an active role in the college by providing assistance to the students, looking after their welfare activities and focussing on the overall development of the students.

The various academic, co-curricular and extracurricular bodies having students' representation in them are:

Sports Committee: It plays the lead role in organizing various sports and games related competitions apart from KURUKSHETRA, the annual sports day.

Cultural Committee: It gives a platform to students to exhibit their innate talents and organisational skills and the culmination is the annual festival RYTHMS.

National Service Scheme: It conducts various activities throughout the year like blood donation camps, cleanliness drive, yoga day.

Technical Committee: It conducts annual technical festival VECTORS which enhances problem solving skills, presentation skills. The committee is a springboard for students keen on participating in state level project competition AVISHKAAR.

ROBOCON: It is a voluntary multi-disciplinary group where freshers are inducted and guided and nurtured by ex students and seniors to participate at national level competition and instills an attitude of inquiry, seek solutions and decision making. The college management has consistently encouraged since the inception years by providing resources and motivation.

Women Development Cell: It aims at women empowerment and organises self defence workshops, health and mental awareness talks.

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

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

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

198

File Description	Documents
Report of the event	No File Uploaded
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

ALUMNI association is one of the strong pillars of the educational institution. Our alumni are holding top notch positions at various reputed organisations and are well appreciated. The college has a strong alumni network which conducts an annual alumni meet ReLive every year in the college campus. ReLive helps reconnect the ex-students with their past professors and connects them with the current batch of students. We feel proud that alumnis from the initial batches also attend consistently in the annual meet. The interactions of the alumni with the ongoing students and faculty is not a one time annual event. Alumni association is a significant stakeholder of our institution as they take out time from their busy schedules to guide our students. The association conducts seminars, workshops, motivational talks, career guidance sessions. These activities provide a fillip to both students and faculty to be ahead of the curve with their valuable inputs.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision-To create skilled professionals and engineers for catering the needs of industries and society. **Mission-** 1. To provide qualified faculty and required infrastructure to impart quality education inculcating continuous learning attitude. 2. To provide platform for the interaction between academia and industry. 3. To inculcate social values and responsible attitude amongst students through co-curricular and extracurricular activities.

File Description	Documents
Paste link for additional information	https://https://www.acpce.org/about-us/
Upload any additional information	No File Uploaded

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

ACPCE has a decentralized administration, provides complete transparency:

The decision making process.

- The governing body has given powers to the principal to take Decision in Academic and Co-curricular activities.
- The governing body meets at regular intervals and monitors the activities of the institute.
- The Principal conducts regular meetings with the programme coordinators and discuss the activities of the department.
- The programme coordinators conducts meetings with faculties And Nonteaching staff in the departments and discusses the Activities Under the guidance of the Management,Principal constitutes different committees for the successful operation of the institution.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

ACPCE believes in hard work and excellence in all dimensions in the way inwhich the faculty and the students gets opportunity to learn new skills tomeet the global changes happening in day to day life.The institute has successfully implemented many strategic plans in thepast years. Formation of research center, Incubation cell, IndustryInteraction cell.

INDUSTRY INSTITUTE INTERACTION

To reduce the gap between industry and academia, the team interact with various industries.

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

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

The leadership of the Principal is required at all levels in preparation and implementation of policy statements and action

plans for fulfilment of the stated mission of the college. As the Chairperson, the Principal constitutes various committees in the

Governing Council, all of which are involved in ensuring formulation of action plans and incorporation of the same into the

institutional strategic plans. Meetings of the Academic Council are organized regularly. The Academic Council takes decisions and makes recommendations according to the Act, the Statutes and the Ordinances of the University of Mumbai. Different committees are formed and according to the needs of the college, the guidelines are provided for the committee to ensure effective functioning of the college. The list of various committees/ bodies their functions are as:

1. Academic Advisory Committee
2. NBA Accreditation Committee
3. Internal Audit Cell
4. Examination and unfair means Committee
5. Admission Committee

6. Carrier & Placement Committee
7. Continuing Education Cell
8. Industry Institute Interaction Committee
9. Professional Bodies committee
10. Anti-ragging Committee
11. NSS Committee
12. Research and consultancy cell
13. Central Computing Facility Committee
14. Central Library Council
15. Eco Club
16. Grievance Redressal Committee
17. Internal Complaint Committee
18. Student and Staff welfare Committee
19. Canteen Committee
20. Alumni Association Committee
21. Sports Committee
22. Parents Teacher Association
23. Cultural Committee
24. Magazine Committee
25. Trust and Media Committee
26. Website Committee
27. Internal Quality Assurance Cell
28. Students Disciplinary Action Committee

29. Academic Council

30. Student Council Cell

File Description	Documents
Paste link for additional information	NA
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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 inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

1. **Employees Provident fund:** As per the government rules, the institute has availed benefit of this scheme for all the eligible staff members.

2. **Gratuity:** Gratuity is payable to the employees after 5 years of permanent service.

3. **Financial Support -** Financial support for attending/presenting paper at national & international seminars &

Conferences. Financial support for publication of journals.

4. Maternity leave: 90 days of maternity leave is applicable with general benefits.

5. Yoga sessions: Interactive sessions are organized by the college for physical and mental well-being of the teaching

and non-teaching staff members.

6. Employee Credit Society: Jawahar Education Society's A. C. Patil employee's cooperative credit society avails the staff

members with facilities of financial support like personal loan along with insurance.

7. Women's development cell: which deals with women welfare and also grievances.

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

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

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

1

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

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

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

1

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

55

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

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

Quality teaching is imperative for improving student outcomes and achievements. The organization has well designed performance

appraisalsystem. It is executed with the help of self Appraisal Reports whichgives quantitative assessment of the faculty members.

The Performance is self assessed by duly filling online self appraisal report in OPTRA with proofs of performance by Faculty and

Staff at the end of academic year. The applications are then evaluated by respective Programme Coordinators and Principal. The

system inspires faculty which boosts professional knowledge and growth. The faculty appraisal is provided by considering the

following parameters:

1. Academic performance
2. Publications in Journals
3. Publications in Conferences
4. Seminars
5. Workshops
6. Faculty Development Programs
7. Research Initiatives - Projects applied for funding
8. Consultancy Activities
9. Student development
10. Department Activity
11. Inter-department Activity
12. Outreach (External Resource Person)
13. Online/ Hands-on Courses certification
14. Industrial visits organized for students

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

6.4 - Financial Management and Resource Mobilization

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

Financial statements are the responsibility of Managing Committee of the Society. This responsibility include the design,

implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give

a true and fair view and free from material misstatement. A team of chartered accountants conducts external auditing once in

a year. The external auditing involves performing procedures to obtain evidence about the amounts and disclosures in the financial

statements. The procedures selected depend on the auditor judgement, including the assessment of the risks of material misstatement. In making the

risk statement the auditor considers internal control relevant to the society preparation and fair presentation of the financial

statement in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the

appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management as well as

evaluating the overall presentation of the financial statements. The auditing will be usually carried for three to four days involves

the complete bank statements analysis, cash vouchers, purchase bills, fixed asset bills and other expenditure bills. It also

involves verification of bank loan papers, TDS submitted from the employees and other suppliers to the Income tax department.

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

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

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

0

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

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

The plans for infrastructural development are given top priority as the institute knows the correlation between adequate infrastructure and effective teaching-learning. The strategies adopted for ensuring adequate infrastructure are as follows:

1. At the beginning of the academic year assessment for replacement/upgradation/addition of the existing

infrastructure is carried out based on the suggestions from, heads of the departments, lab In-charges and lab technicians.

2. Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.

3. Renewal of AMC is done at the beginning of the academic year for the deployed Software applications, UPS and Generators. Maintenance of Campus Facilities

1. The college has Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories.

2. The Maintenance committee is headed by the Estate Officer who in turn monitors the work of the Maintenance Supervisor

at the next level.

4. Wash rooms and rest rooms are well maintained.

5. Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance contracts (AMC).

6. Parking facility is well organized. The campus maintenance is monitored through surveillance Cameras.

7. The institution has appointed employees on permanent basis for maintenance and repair works.

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

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell was started in the year 2018 to monitor the quality of services being provided by the institution

to its stakeholders. An IQAC committee is formed and approved by the

governing body to take care of Quality assurance strategies and processes.College is committed to continually

improve the infrastructure, enhance the faculty competencies and empower the students to self-learning. The IQAC enables the institution to focus on

this mission. Reviewing of the quality policy is done once in every semester and the revision place as and when required by the IQAC

committee.Parameters related to the enhancing of the quality of the institution likeworkshops, conferences, FDP's, paper

publications, innovations in teachingand more are considered after the approval of IQAC Committee.

Training programs to the faculty .The institution pays lot of attention to the quality of its

product. Through years of progress it has initiated and developed several activities and training programs for the faculty through

IQAC. Some of the notable activities organized by IQAC for the development of the institution are English communication skills, yoga, professional behaviour workshop, aptitude training, training for labs and trainings on outcome-based education among many more.

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

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

Course information of every course is used to bring objectivity and strategize the course of teaching and learning for every topic.

The faculties go through the syllabus and ensure that all the registered students fulfil the pre-requisites of the course. They

check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. This is done by planning surveys

and announcements. At the end of every topic, the teacher conducts a preplanned revision. Mapping of the course outcome is done along with

the program outcome. It is a 15 to 20 pages document including details of the teacher, course and department followed by day

wise schedule, pedagogies, revision questions, faculty profile and expectations of the students.

Feedback Collection of feedback from students, measure extent of the implementation and assess impact of academic

activities.

To ensure the fitness of higher education systems to negotiate New challenges in nurturing highly skilled professionals,

adaptation of proper academic frameworks and strategic interventions are necessary. Help to inculcate innovative and research capabilities within

undergraduate students for product design, development, create entrepreneurial culture in institution, to reduce gap

between industry and academia the team will interact with various industries and to guide the students to provide innovative

solutions for social problems.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	NA
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

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. **Safety and security:** The security department of the institution has employed enough security guards to provide security to the campus. The entire area of the institution is under CCTV surveillance, thereby deterring any criminal or indecent activity by anybody. These measures ensure a sense of safety and security in the female members of staff and students. Also the working hours of the institute are 9.30 am to 5.30 pm for the students so as to avoid the rush hour traffic and make sure that the girls students reach home in time.
2. **Counselling :** The institute has an active women's development cell which organises special programs for the female staff and students such as, Self-defence training, awareness programs on health issues such as gynae problems, breast cancer etc. Every year women's day is also celebrated. The institution has a women's grievance cell which meets regularly to discuss and resolve issues or complaints.
3. **Common Room :** A well-furnished common room with an attached toilet has been provided to the girl students .Adequate wash rooms for ladies are provided and all are equipped with sanitary pad wending machines. The institution provides equal opportunities to it's male and female employees as well as students in all areas. There is no gender bias whatsoever.
4. following is the list of few the programs organised in institution where all female and male students have participated without any discrimination

File Description	Documents
Annual gender sensitization action plan	na
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	a. Safety and security b. Counseling c. Common Rooms

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy

D. Any 1 of the above

Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

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

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

Solid waste management - All the garbage generated in the campus is segregated into dry and wet garbage according to the norms of the local body responsible for the disposal of solid waste. The garbage is collected on a daily basis.

Liquid waste management - The liquid waste generated is transferred to the underground drainage system through the drainage pipelines. The chemistry laboratory follows proper liquid waste management procedures by segregating organic and inorganic waste. The concentrated acidic or alkaline solutions are neutralised before they are disposed of.

E - waste management - all the E waste generated is collected at one point for storage until it is sold off by the scrap disposal committee to the local scrap dealer so that all the e waste is properly recycled.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **E. None of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
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:

B. Any 3 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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

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

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

C. Any 2 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

5.

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).

To build a better nation of responsible youth, the Institute organizes and conducts several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff members.

To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The Institute and its faculties and other staff members jointly celebrate the cultural and regional festivals, like independence day, republic day, Fresher Party, teacher's day, different orientation programs and farewell program, Induction program, rally, oath, tree plantation, Youth day, Women's day, Yoga day, festivals Ganesh chaturthi, Navratri celebration, etc. religious ritual activities are performed in the campus.

Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students.

In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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

Constitution day Constitution Day is celebrated on 26th November every year. The students are made aware of the sensitization of responsibility towards the constitutional values, rights, duties and responsibilities of citizens. Students are encouraged to follow Thoughts of Dr. B. R. Ambedkar

Celebration of National Days Every year Institute celebrates Republic Day, Maharashtra Day and Independence day on January 26, May 01 and August 15 respectively. The celebration is attended by Students, Teaching and Non-teaching Staff, Invitees, guests. Flag hosting with National anthem followed by distribution of sweets is the regular decorum of the programme.

Blood Donation Every year institute organises blood donation camp in association The students are sensitised on the importance of the activity and are encouraged to participate in saving the life of citizens of India.

Cleanliness/Plantation drive Students consistently and regularly participate in the cleaning activities on several occasions including Mahatma Gandhi Jayanti on October 02, every year. Moreover, students are encouraged for active participation in the plantation Road Safety Rally, health check up camp

The students are encouraged to participate in the activities of spreading the awareness among citizens on social issues like road safety. To create the awareness regular health check up by organising the health check up camp.

The students are encouraged to participate in the activities of spreading the harmony among all multilingual students by poster making competition on occasion of Shiv Jayanti And celebrating Marathi Rajbhasha Divas

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4.
Annual awareness programmes on Code of

Conduct are organized

File Description	Documents
Code of ethics policy document	No File Uploaded
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	No File Uploaded
Any other relevant information	View File

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

Institution celebrates/ organises national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

International Yoga Day -At our institute we celebratedInternational day of Yoga on 21/06/2021 in online mode. Our principal Dr. V. N. Pawar was available as chief guest. Around 50 students and 25 faculty members were present.

Republic day- The institution celebrates Republic day on 26thJanuary every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the hoisting of national flag and spreading a warm message of nationalism in a speech by the Principal.

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

Title of the Practice: Google Classroom Utilisation

Objectives :An online digital tool for making teaching learning process essential.Google Classroom is used forstreamline the process of sharing files.

The Context : With Google Classroom, faculties can:Digitally organise, distribute, collect,assessment and grade .assignments, course materials and student work. Communicate with students about their classwork.

?????The Practice : Google Classroom alwwsFaculties to organize staff notes, announcements, dates, documents, and other resources forfaculties and Students.

Evidence : Google Classroom is effective in improving Students access and attentiveness towards learning, knowledge and skills gained through Google Classroom.

Problem - students cannot share their work with their peers.

Best Practice 2

Title of the Practice: On step towards paperless/minimal paper-based office

Objectives: To reduce the use of paper for conservation of nature as well opt the digital way to reach the intended user in the fastest way.

The Context: paperless/minimal paper-based office

- Sending all the office circulars using email/ messaging app
- All the student related circulars and important messages are conveyed via email or digital media

The Practice: Due to the pandemic, organisations got forced to opt the online/digital ways for communication and completing day to day activities. So our organisation too accepted the paperless policy. All are instructed to use minimal paper, printouts are taken only if necessary most of the time reuse the old papers.

Evidence : Almost all the official circulars and notice are distributed using email or digital media

Problem Some required to be printed for circulation and validation

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1krpG0Wk0ILCVAnVcelvKgfyNzcPX83Ax/view?usp=sharing
Any other relevant information	na

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

Policy- College to Corporate

Overview- The ultimate objective of every student is to get a dream job. The institute provides a platform to develop and polish their skills and expertise and make them ready to corporate.

The Process ACPCE makes students ready for Corporate by undertaking following methods

1. **Attendance** - College motivates students to maintain attendance above 75% by giving them better marks in term work and Their attendance is regularly displayed at the departmental notice board.

2. **Assignment-** Subject teachers give the practical assignment based

on concepts to develop their subject specific skills.

3. Students are encouraged to complete an internship on the latest technology.

4. Students participate in various inter collegefest for improving their abilities.

5. Institute motivates its bright students by awarding them cash prizes during the annual festival .

6. Faculty mentors are assigned a number of students to counsel. The objective is to encourage weak students and guide them.

7. Remedial classes are conducted for weak students. Weak students are identified on the basis of marks obtained in internal exams.

8. Students are motivated to participate, manage and exhibit their extra curricular skills in Participation of Technical, cultural, Sports fest-and also awarded for that.

9. Seminar/ Guest lecture / Alumni lectures are being conducted in every semester to develop a connection to the placements.

10. Students are motivated to do Research for projects as well for mini project and final year students are insisted to publish their research work in reputed journals and conferences.

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

A.C. Patil college, Navi Mumbai is affiliated to Mumbai University and hence all programmes follows the curricula prescribed by the University of Mumbai. Teaching plan is prepared by every faculty member at the beginning of academic year to ensure effective curriculum delivery. Department conducts the unit tests to check whether the students have acquired knowledge as outlined in the objectives of the curriculum. Department integrates Classroom teaching with various ICT tools, laboratory practical's, tutorials, field survey, etc. to strive for effective transmission of curriculum. College organizes seminars and workshops frequently to upgrade the knowledge and adapt latest technologies. The college organizes guest lectures, expert lectures of eminent academicians, for the effective curriculum delivery. At the end of every academic year, feedback from teachers, students and guardian is collected by IQAC in coordination with feedback committee, it is then analyzed and analysis report is communicated to the administration of the students.

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

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

At the beginning of each semester, every institute affiliated to university prepares a academic calendar which specifies appropriate available dates for the academic and co-curricular activities. To ensure complete adherence, all the classes and examinations are planned as per the calendar. The academic calendars help faculty members to plan their respective course delivery, academic and co-curricular activities. Faculty members prepares teaching plan based on academic calendar detailed enough to complete the syllabus in available timeframe. The completion

of the syllabus as per the lesson plan prepared by faculty members is supervised and monitored by the department heads. Each department collects syllabus coverage for each CIE well in advance and faculty members adhere to it. Faculty prepares Internal Assessment question papers based on the Bloom's Taxonomy . The answer sheets are checked by faculty in each department to ensure transparent and unbiased evaluation. Apart from evaluation faculty carries calculation of CO-PO/PSO attainment.

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

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

10

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)

10

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

15

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

The institute has incorporated a variety of courses into the curriculum in order to integrate cross-cutting issues like gender, the environment and sustainability, human values, and professional ethics. Several of these courses concentrate on professional competencies while others aim to foster general competencies such as social and ethical values, human values,

environmental sensitivity, etc., resulting in an all-encompassing growth of the students.

- **Professional Ethics:** Students are offered various training programs on professional ethics to equip them with necessary soft skills for prospective future professions. Life skill training programs conducted to make them future ready.
- **Gender Sensitivity:**
- **Human Values:** Under NSS(National Service Scheme) unit of the Institute , different activities get organised like blood donation camps, health check-up camps, cleanliness drives, webinars on social concerns, etc are some of the examples of social development activities taken up by students and faculty members.
- **Environment studies:** An environment studies subject is offered in the UG programmes. To increase student's awareness of environmental and sustainability issues, tree plantation activity is conducted.

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

34

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

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

137

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	https://drive.google.com/drive/u/0/folders/1pUR9FaX4uIbwsV-EcwVFI_1X2fndQGYV
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows		B. Feedback collected, analyzed and action has been taken
File Description	Documents	
Upload any additional information	View File	
URL for feedback report	na	
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 students admitted during the year		
671		
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		
331		
File Description	Documents	
Any additional information	View File	
Number of seats filled against seats reserved (Data Template)	View File	
2.2 - Catering to Student Diversity		
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners		
Learning Levels: Subject teachers conduct pre-requisite discussion and survey on very first day of course delivery to identify the learning ability of students. Students learning ability is also identified through thorough analysis of their		

historical scores in prerequisite courses. As per the findings of the first session and their previous past performance,

Advanced learners: The advanced learners are advised and guided to refer online resources and undertake advanced online courses available on NPTEL and Swayam platform. They are provided special training for appearing in competitive examinations for higher technical studies as well as overseas education. Soft skill and leadership training is provided through curricular and co-curricular activities for diverse learning style. The college encourages them to participate in national level competition such as Robocon, Avishkaar, Ventura, Transform Maharashtra, e-Yantra. They are encouraged to participate in the student chapters like CSI (Computer Society of India), ISA (International Society of automation), IETE

Thus, Institute is putting consistent efforts to enhance learning ability of the students and always encourages participative and interactive learning.

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

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

Number of Students	Number of Teachers
1769	96

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

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

Experiential learning: To impart experiential learning, practical

in the laboratories of various subjects enhances technical skills among students. Projects of students develop their understanding of the processes of scientific research within their particular discipline. These projects give chance to the students to solve authentic problems and produce results. It also develops higher level thinking. Students learn better by doing and observing themselves as they are able to grasp the subjects effectively.

Participative learning: Students are assigned additional responsibility of organizing association activities like workshops, seminars, guest lectures etc. by the event coordinator. Industrial visits, internship activities help the students to create innovative ideas and also stimulate their research abilities. The institution encourages internship training for the students so as to experience the concepts which are taught in the classroom.

Problem solving methodologies: To exhibit the critical thinking, creativity and scientific temper of the students, the institution conducts problem solving events in "Technical Festival" in the institute and departmental level every year. Many attractive problem solving activities are organised to enhance their critical thinking like technical quiz, robotics design, cracking the code and circuit debugging.

The institute strongly believe that Good teaching is open to change.

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

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

Student centric techniques are used like assignments, peer learning, group discussion, brainstorming, use of audio-video lectures, case studies, projects, quiz etc., in the delivery of the academic courses To enhance the learning experience of the students, NPTEL videos and Internet access are made available in the campus. Students are encouraged to attend in-plant training during their vacation period to enhance their practical knowledge. ICT enabled teaching methodologies are followed by the

faculty members.

During this year because of the pandemic of Covid 19, lectures were conducted online. Teachers were trained to conduct the online classes using the google classroom. It includes conduction of online audio-video lectures, practicals and quizzes. Submission of assignment, practicals and test were done by the students in the same classroom. This submission was subsequently graded and informed to the individual student.

While conducting the online lectures, teachers used various tools and techniques to make lecture more interactive and interesting. Some of the tools used by the teachers are-

- Power point presentation,
- Animation
- Video clips
- Pen tablet
- Video camera
- Google sheets etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

90

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

96

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

9

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

842 Years

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

2.5 - Evaluation Process and Reforms

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

The Institute prepares an Academic Calendar in line with university calendar prior to the commencement of the academic year in consultation with the Academic Council comprising of Heads of the Departments. A

- University prescribes 80% marks for end semester examinations and 20% marks for the IA tests for theory examinations. The IA test marks is an average of two tests conducted for a course during the semester by the college. Internal assessment of students is done based on Term Work, IA tests, Assignments, Quiz / Module test etc.
- Institute maintains complete transparency in the internal assessment of student which is disseminated time to time. Test co-ordinators are appointed by Head of Departments for conduction of internal assessment test. IA test schedule and seating arrangement in examination rooms are displayed and examinations are conducted strictly as per the guidelines issued by University of Mumbai .
- Term Work of the Students is assessed on the basis of criteria like attendance, assignments, timely submission, presentation, understanding, performance and attentiveness.
- Faculty also discusses model answers and shortcomings in performance with students to enable them to enhance their learnings and overcome the shortcomings.

Assessment system adapted by Institute is transparent yet robust.

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

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

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are scripted after discussion with stakeholders to meet Mission and Vision of Institute and Program as well. Program Outcomes and Program Specific Outcomes are approved in Department Advisory Committee comprising of representatives from Industry, alumni and professional bodies. The subject teachers define COs for

respective course and proposed COs are discussed and approved by Department Advisory Committee.

- POs and PSOs of the respective departments are displayed on all lab notice boards and the same are communicated with students through online groups and college website.
- The COs are displayed on department notice board, discussed in class with students by subject teacher and also communicated through online groups.
- Institute advices students to attach Vision, mission, POs, PSOs and COs in submission file.
- Gaps are identified and the course delivery is planned accordingly. The course plan is maintained by teacher in his/her course file. The course plan is shared to students well in advance through Google groups, websites and URLs. Reference books, websites and URLs are used for scripting COs.

Institute follows action plan to ensure Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are widely publicized and broadcasted in students community.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are scripted after discussion with stakeholders to meet Mission and Vision of Institute and Program as well. Program Outcomes and Program Specific Outcomes are approved in Department Advisory Committee comprising of representatives from Industry, alumni and professional bodies. The subject teachers define COs for respective course and proposed COs are discussed and approved by Department Advisory Committee.

- POs and PSOs of the respective departments are displayed on all lab notice boards and the same are communicated with

students through online groups and college website.

- The COs are displayed on department notice board, discussed in class with students by subject teacher and also communicated through online groups.
- Institute advices students to attach Vision, mission, POs, PSOs and COs in submission file.
- Gaps are identified and the course delivery is planned accordingly. The course plan is maintained by teacher in his/her course file. The course plan is shared to students well in advance through Google groups, websites and URLs. Reference books, websites and URLs are used for scripting COs.

Institute follows action plan to ensure Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are widely publicized and broadcasted in students community.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of program outcomes, program specific outcomes and course outcomes is evaluated to identify the reach and effectiveness of course delivery by a teacher to the students. Attainment level scores calculated using Learning Management system and other software tools are used to refine teaching methodologies and strategies to improve the reach to the students.

- Every course has its defined Course Outcomes designed by course teacher covering every aspect of course. Attainment level of COs, is calculated using various assessment tools such as Internal assessment tests, assignments, quiz/module test and lab performance.
- Two Internal Assessments Tests are conducted in a semester for each course. It covers most of the COs defined by course teacher.

- Course teacher do the mapping of defined COs with program outcome and PSOs. Attainment level of the same is also calculated using assessment tools.
- Attainment level periodic analysis helps teacher in identifying the students' strength and weakness and identifying topics that needs more attention.
- At the end of course. The course exit feedback is analysed by the respective teachers to refine their teaching strategies.

Attainment level helps student to find out a quantum of knowledge acquired by learning the course and helps teacher as well to improve course delivery.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

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

445

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	https://drive.google.com/drive/folders/101pQ5rd973VdnsGTbpx6MGYlhhlepWpk?usp=drive_link

2.7 - Student Satisfaction Survey

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

https://drive.google.com/drive/folders/1q5qAw8r804SQw3lmN_4kJp_ttrII5aSa?usp=drive_link

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)

00

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

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

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

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

00

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	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute understand that real world engineering is multidisciplinary. So we encourage the students get domain knowledge of other engineering domain. We have a big ROBOCON team which has students from Mechanical, Electrical , Telecommunication, IT and computer engineering background.

Innovation Cell of the institute is formed to encourage, inspire and nurture students with an innovative bent of mind. A talent hunt is conducted to select team members. Students from multidisciplinary background form a team. A culture of working in groups and problem solving is developed. They are trained, assigned task and motivated to work on their ideas and share their view points.

ACPCE Innovation Cell (IIC) organized IPR awareness program under the flagship of Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA)

Webinar on Industrial Expert session on emerging technologies with certification free training on Ethical Hacking" by Quantum learning training pattern of Microsoft and IBM organized by ACPCE.

Innovation Cell of the institute is formed to encourage, inspire and nurture students with an innovative bent of mind. A talent hunt is conducted to select team members. Students from multidisciplinary background form a team. A culture of working in groups and problem solving is developed. They are trained, assigned task and motivated to work on their ideas and share their view points.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

06

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

05

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

48

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

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

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

49

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute actively involved in a practical approach to a comprehensive learning system where physical, social, emotional, mind and spiritual growth of a student's is taken care. This style of education not only focuses on mere learning but also on implementing what is learnt.

Some of the activities during this academic year are listed below:

- The Institute participated in the Two Days National Conference on Role and Contribution of Students and Youth Movements in Nation Building during Pre and Post-Independence Era was organized by University of Mumbai.
- The Institute participated in 'Smurtigandh' event on zoom meeting for the occasion of the anniversary of honorable Balasaheb Thackeray organized by the Shreeman Balasaheb Thackeray Adhyasan kentdra, University of Mumbai.

- The Institute organized a Blood Donation Camp in association with Tata Cancer Hospital (ACTREC) and one-day free medical camp in the association with Dr. G. D. Pol Foundation's Health Center..
- On the Occasion of 73rd Republic Day, Celebrated by Planting many trees and donation of the clothes at slum area of kalamboli.
- The Institute had conducted "Helmet Awareness Drive" . Then Traffic Officer explained the casualties that may occur if rules were not followed properly.

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

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

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

00

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	No File Uploaded

3.4.3 - 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

3.4.3.1 - 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

53

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

53

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

133

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

06

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution aims at providing and enhancing the infrastructure facilities for effective teaching and learning. The college management and authorities adhere to the infrastructure and development policies and plan to create the required and adequate infrastructural facilities when there is a need and demand. The college is sufficiently well equipped in terms of physical infrastructure for existing academic programs and office administration. The entire classrooms are optimally utilized. The academic session is so framed that our classrooms, laboratories and computing equipment are occupied from morning till evening. Regular campus activities ensure that our ICT based class rooms and seminar halls are utilized around the year. The college campus has sufficient space for all academic, administrative, co curricular and extracurricular activities. Each department of the institute is well equipped with independent classrooms, laboratories, tutorial rooms, workshop and seminar hall etc. The Institute has the best Infrastructure and Learning Resources with good ventilation and ICT enabled classrooms and laboratories viz, 24 classrooms having seating capacity of 80 students each , 07 tutorial rooms having seating capacity of 30 students each ,04 Seminar Hall of which one

seminar hall with is 200 seating capacity and rest 100 seating capacity each and 61 Laboratories having seating capacity of 25 students each. The institution has Spacious class rooms Well furnished and fully equipped Laboratories with Network connectivity, free internet, lab resources, Digital library, drinking water facilities, Wi-Fi Connectivity, Department library, Vast playground area, Vehicle Parking, Canteen and stationary facilities Generators.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vmedulife.com/public/auth/#/login/acpcoe-navi-mumbai

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

For the overall development of the students, the institute focuses on the physical health of the budding engineers which also help them to develop their sportsmanship spirit. The college has spacious ground which is used for cultural activity and outdoor games on the ground. The playground area is 2200 sq.met. Students practice outdoor games like Kabaddi, Kho-Kho, Football, Volleyball, Cricket and Badminton and play there on a regular basis. To conduct the indoor games like chess, carom, table tennis etc we have a separate area of 180 square meters. College has a gymnasium with an area of 90 square meters. College observes Yoga Day every year where yoga experts are called for expert sessions, best asan(posture) etc.

ACPCE organizes its annual cultural Fest Rhythms which explores the hidden talents of students and gives them a platform to express themselves in a creative manner. Institute conducts seminars on Stress Management and Time Management every year which help for the mental well-being of the students in this materialistic and time-bound world. Also, in order to manage life full of stress, anxiety and depression, College organizes courses on Meditation. To meet the corporate needs, Students are trained in the link language (English). To strengthen the relationship with mother- tongue , "Marathi Bhasha Diwas" is celebrated with great zest and zeal. For the development of spiritual well-being, the College organizes "Ganesh Utsav" annually in the premises.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/category/college-fest/ , https://www.acpce.org/life-acpce/ , https://www.acpce.org/academics/ug-programme/electrical-engineering/student-association-activities/

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

36

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/research/
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)

336.259

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

4.2 - Library as a Learning Resource

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

A C Patil College of Engineering Library is using SOUL 3.0 Integrated Library Management Software (ILMS) Developed By INFLIBNET since 2009. This is fully Automation software and it contains various modules like Acquisition, Catalogue, Circulation, Serial control, OPAC, Administration etc.

The details are as below:

- Name of ILMS software - SOUL 3.0
- Nature of automation (fully or partially) - Fully
- Version - 3.0
- Year of Automation - 2009

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.acpce.org/library/

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	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)

9.53160

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

100-120

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

The institute provides its students with state of the art, well-furnished computer labs, with 702 computers exclusively for students and administrative office requirements. Internet enabled computing laboratories are available for day-to-day computing needs of students. Institute has Computer-Student ratio of 1:3. All computers have at least I3 processors, with a minimum of 80 GB HDD and a minimum of 1GB RAM. The computers in each laboratory are networked over a LAN using CAT 6 cable. The network covers the laboratories, administrative offices and classrooms of the College.

Internet Availability

Internet at a speed of 50 MBPS access for internet browsing requirements in the Computing laboratories and classrooms.

Wi-Fi

Apart from 50 MBPS internet connection, the campus of the College

is wi-fi enabled by Airtel and Jio with a maximum of 20 MB usage per user per day.

Proprietary Software

The College promotes the use of Free and Open Source software, for use by the faculty members, administration and laboratories. For specialized computing needs (such as controlling certain lab equipment, teaching of certain lab courses of certain departments, etc.), the college recommends that this be done over a free operating system such as Ubuntu.

However, the college has licenses for the following proprietary software

MATLAB

GATE

ETNL

AutoCAD 2008

PTC

CREO design software

MSDN Academic Alliance (Microsoft DreamSpark)

SOUL 2.0 Library Software

Examination Software Tally ERP9 Gold Tally ERP9 Silver

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

4.3.2 - Number of Computers

677

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

106.02

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

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

The college has a Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories. The Maintenance committee is headed by the Estate Officer who in turn monitors the work of the Maintenance Supervisor at the next level. The maintenance Supervisor conducts periodic checks to ensure the efficiency /working condition of the infrastructure. Parking facility is well organized. The campus maintenance is

monitored through surveillance Cameras. The institution has appointed employees on permanent basis for maintenance and repair works.

A Maintenance Engineer, one clerk, and Class IV employees, a gardener, are available for the upkeep of the building. All class rooms, bath rooms and college premises and the infrastructural materials are maintained by the sweeping agency.

The electricians from the Electrical Engineering department maintain and upkeep all the electrical instruments and generators and do all other electrical works. The College has HT electricity supply and also installed generators with 125 KV to maintain the power supply all the time, Voltage fluctuations are avoided by uninterrupted power supply. The voltage and power supply is regularly checked by the appointed electricians. The arrangement of battery backup and inverters protect computer accessories for constant power. The water purifier and water coolers are installed on all floors to supply purified drinking water. Outsource person and instrument supplier are maintaining the instruments and equipment whenever there is a requirement. For this AMCs are given for Water Purifier, Lift, Generator, UPS, Fire Fighting system, EPABX, Air Conditioners, CCTV cameras etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.acpce.org/acpce-documents/IT%20Policy/IT%20policy%20acknowledgement.pdf

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

1286

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

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

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

Nil

File Description	Documents
Upload any additional information	No File Uploaded
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	https://https://www.acpce.org/category/latest-news/
Any additional information	No File Uploaded
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

32

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

32

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

86

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	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

25

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

11

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

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

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

Every academic year a fresh student council is formed by the Principal and HOD's. The student council comprises of General Secretary, Cultural Secretary, Technical Secretary, Sports Secretary, University Representative, Ladies representative who are elected and also some nominated members. Student Council plays an active role in the college by providing assistance to the students, looking after their welfare activities and focussing on the overall development of the students.

The various academic, co-curricular and extracurricular bodies having students' representation in them are:

Sports Committee: It plays the lead role in organizing various sports and games related competitions apart from KURUKSHETRA, the annual sports day.

Cultural Committee: It gives a platform to students to exhibit their innate talents and organisational skills and the culmination is the annual festival RYTHMS.

National Service Scheme: It conducts various activities

throughout the year like blood donation camps, cleanliness drive, yoga day.

Technical Committee: It conducts annual technical festival VECTORS which enhances problem solving skills, presentation skills. The committee is a springboard for students keen on participating in state level project competition AVISHKAAR.

ROBOCON: It is a voluntary multi-disciplinary group where freshers are inducted and guided and nurtured by ex students and seniors to participate at national level competition and instills an attitude of inquiry, seek solutions and decision making. The college management has consistently encouraged since the inception years by providing resources and motivation.

Women Development Cell: It aims at women empowerment and organises self defence workshops, health and mental awareness talks.

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

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

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

198

File Description	Documents
Report of the event	No File Uploaded
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

ALUMNI association is one of the strong pillars of the educational institution. Our alumni are holding top notch positions at various reputed organisations and are well appreciated. The college has a strong alumni network which conducts an annual alumni meet ReLive every year in the college campus. ReLive helps reconnect the ex-students with their past professors and connects them with the current batch of students. We feel proud that alumnis from the initial batches also attend consistently in the annual meet. The interactions of the alumni with the ongoing students and faculty is not a one time annual event. Alumni association is a significant stakeholder of our institution as they take out time from their busy schedules to guide our students. The association conducts seminars, workshops, motivational talks, career guidance sessions. These activities provide a fillip to both students and faculty to be ahead of the curve with their valuable inputs.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision-To create skilled professionals and engineers for catering the needs of industries and society. Mission- 1. To provide qualified faculty and required infrastructure to impart quality education inculcating continuous learning attitude. 2. To provide

platform for the interaction between academia and industry. 3. To inculcate social values and responsible attitude amongst students through co-curricular and extracurricular activities.

File Description	Documents
Paste link for additional information	https://https://www.acpce.org/about-us/
Upload any additional information	No File Uploaded

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

ACPCE has a decentralized administration, provides complete transparency:

The decision making process.

- The governing body has given powers to the principal to take Decision in Academic and Co-curricular activities.
- The governing body meets at regular intervals and monitors the activities of the institute.
- The Principal conducts regular meetings with the programme coordinators and discuss the activities of the department.
- The programme coordinators conducts meetings with faculties And Nonteaching staff in the departments and discusses the Activities Under the guidance of the Management,Principal constitutes different committees for the successful operation of the institution.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

ACPCE believes in hard work and excellence in all dimensions in the way inwhich the faculty and the students gets opportunity to learn new skills tomeet the global changes happening in day to day life.The institute has successfully implemented many strategic plans in thepast years. Formation of research center,

Incubation cell, IndustryInteraction cell.

INDUSTRY INSTITUTE INTERACTION

To reduce the gap between industry and academia, the team interact with various industries.

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

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

The leadership of the Principal is required at all levels in preparation and implementation of policy statements and action plans for fulfilment of the stated mission of the college. As the Chairperson, the Principal constitutes various committees in the Governing Council, all of which are involved in ensuring formulation of action plans and incorporation of the same into the institutional strategic plans. Meetings of the Academic Council are organized regularly. The Academic Council takes decisions and makes recommendations according to the Act, the Statutes and the Ordinances of the University of Mumbai. Different committees are formed and according to the needs of the college, the guidelines are provided for the committee to ensure effective functioning of the college. The list of various committees/ bodies their functions are as:

1. Academic Advisory Committee
2. NBA Accreditation Committee
3. Internal Audit Cell

4. Examination and unfair means Committee
5. Admission Committee
6. Carrier & Placement Committee
7. Continuing Education Cell
8. Industry Institute Interaction Committee
9. Professional Bodies committee
10. Anti-ragging Committee
11. NSS Committee
12. Research and consultancy cell
13. Central Computing Facility Committee
14. Central Library Council
15. Eco Club
16. Grievance Redressal Committee
17. Internal Complaint Committee
18. Student and Staff welfare Committee
19. Canteen Committee
20. Alumni Association Committee
21. Sports Committee
22. Parents Teacher Association
23. Cultural Committee
24. Magazine Committee
25. Trust and Media Committee
26. Website Committee

27. Internal Quality Assurance Cell

28. Students Disciplinary Action Committee

29. Academic Council

30. Student Council Cell

File Description	Documents
Paste link for additional information	NA
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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 inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

1. **Employees Provident fund:** As per the government rules, the institute has availed benefit of this scheme for all the eligible staff members.

2. **Gratuity:** Gratuity is payable to the employees after 5 years of permanent service.

3. **Financial Support - Financial support for attending/presenting**

paper at national & international seminars &

Conferences. Financial support for publication of journals.

4. Maternity leave: 90 days of maternity leave is applicable with general benefits.

5. Yoga sessions: Interactive sessions are organized by the college for physical and mental well-being of the teaching

and non-teaching staff members.

6. Employee Credit Society: Jawahar Education Society's A. C. Patil employee's cooperative credit society avails the staff

members with facilities of financial support like personal loan along with insurance.

7. Women's development cell: which deals with women welfare and also grievances.

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

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

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

1

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

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

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

1

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

55

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

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

Quality teaching is imperative for improving student outcomes and achievements. The organization has well designed performance appraisalsystem. It is executed with the help of self Appraisal Reports whichgives quantitative assessment of the faculty members.

The Performance issself assessed by duly filling online self appraisal report in OPTRA withproofs of performance by Faculty and

Staff at the end of academic year.The applications are then evaluated by respective Programme Coordinatorsand Principal. The

system inspires faculty which boosts professionalknowledge and growth. The faculty appraisal is provided by considering the

following parameters:

1. Academic performance
2. Publications in Journals
3. Publications in Conferences
4. Seminars
5. Workshops
6. Faculty Development Programs
7. Research Initiatives - Projects applied for funding
8. Consultancy Activities
9. Student development
10. Department Activity
11. Inter-department Activity
12. Outreach(External Resource Person)
13. Online/ Hands-on Courses certification

14. Industrial visits organized for students

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

6.4 - Financial Management and Resource Mobilization

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

Financial statements are the responsibility of Managing Committee of the Society. This responsibility include the design,

implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give

a true and fair view and free from material misstatement. A team of chartered accountants conducts external auditing once in

a year. The external auditing involves performing procedures to obtain evidence about the amounts and disclosures in the financial

statements. The procedures selected depend on the auditor judgement, including the assessment of the risks of material misstatement. In making the

risk statement the auditor considers internal control relevant to the society preparation and fair presentation of the financial

statement in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the

appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management as well as

evaluating the overall presentation of the financial statements. The auditing will be usually carried for three to four days involves

the complete bank statements analysis, cash vouchers, purchase bills, fixed asset bills and other expenditure bills. It also

involves verification of bank loan papers, TDS submitted from the employees and other suppliers to the Income tax department.

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

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

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

0

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

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

The plans for infrastructural development are given top priority as the institute knows the correlation between adequate infrastructure and effective teaching-learning. The strategies adopted for ensuring adequate infrastructure are as follows:

1. At the beginning of the academic year assessment for replacement/upgradation/addition of the existing

infrastructure is carried out based on the suggestions from, heads of the departments, lab In-charges and lab technicians.

2. Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.

3. Renewal of AMC is done at the beginning of the academic year for the deployed Software applications, UPS and

Generators.Maintenance of Campus Facilities

1. The college has Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories.
2. The Maintenance committee is headed by the Estate Officer who in turn monitors the work of the Maintenance Supervisor at the next level.
4. Wash rooms and rest rooms are well maintained.
5. Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance contracts (AMC).
6. Parking facility is well organized. The campus maintenance is monitored through surveillance Cameras.
7. The institution has appointed employees on permanent basis for maintenance and repair works.

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

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell was started in the year 2018 to monitor the quality of services being provided by the institution

to its stakeholders. An IQAC committee is formed and approved by the

governing body to take care of Quality assurance strategies and processes.College is committed to continually

improve the infrastructure, enhance the faculty competencies and empower the students to self-learning. The IQAC enables the institution to focus on

this mission. Reviewing of the quality policy is done once in every semester and the revision place as and when required by the IQAC

committee. Parameters related to the enhancing of the quality of the institution like workshops, conferences, FDP's, paper

publications, innovations in teaching and more are considered after the approval of IQAC Committee.

Training programs to the faculty .The institution pays lot of attention to the quality of its

product. Through years of progress it has initiated and developed Several activities and training programs for the faculty through

IQAC. Some of the notable activities organized by IQAC for the development of the institution are English communication skills, yoga, professional behaviour workshop, aptitude training, training for labs and trainings on outcome based education among many more.

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

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

Course information of every course is used to bring objectivity and strategize the course of teaching and learning for every topic.

The faculties go through the syllabus and ensure that all the registered students fulfil the pre-requisites of the course. They

check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. This is done by planning surveys

and announcements. At the end of every topic, the teacher conducts a preplanned revision. Mapping of the course outcome is done along

with

the program outcome. It is a 15 to 20 pages document including details of the teacher, course and department followed by day

wise schedule, pedagogies, revision questions, faculty profile and expectations of the students.

Feedback Collection of feedback from students, measure extent of the implementation and assess impact of academic

activities.

To ensure the fitness of higher education systems to negotiate New challenges in nurturing highly skilled professionals,

adaptation of proper academic frameworks and strategic interventions are necessary. Help to inculcate innovative and research capabilities within

undergraduate students for product design, development, create entrepreneurial culture in institution, to reduce gap

between industry and academia the team will interact with various industries and to guide the students to provide innovative

solutions for social problems.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	NA
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

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. Safety and security:** The security department of the institution has employed enough security guards to provide security to the campus. The entire area of the institution is under CCTV surveillance, thereby deterring any criminal or indecent activity by anybody. These measures ensure a sense of safety and security in the female members of staff and students. Also the working hours of the institute are 9.30 am to 5.30 pm for the students so as to avoid the rush hour traffic and make sure that the girls students reach home in time.
- 2. Counselling :** The institute has an active women's development cell which organises special programs for the female staff and students such as, Self-defence training, awareness programs on health issues such as gynae problems, breast cancer etc. Every year women's day is also celebrated. The institution has a women's grievance cell which meets regularly to discuss and resolve issues or complaints.
- 3. Common Room :** A well-furnished common room with an attached toilet has been provided to the girl students .Adequate wash rooms for ladies are provided and all are equipped with sanitary pad wending machines. The institution provides equal opportunities to it's male and female employees as well as students in all areas. There is no

gender bias whatsoever.

4. following is the list of few the programs organised in institution where all female and male students have participated without any discrimination

File Description	Documents
Annual gender sensitization action plan	na
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	a. Safety and security b. Counseling c. Common Rooms

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

D. Any 1 of the above

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

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

Solid waste management - All the garbage generated in the campus is segregated into dry and wet garbage according to the norms of the local body responsible for the disposal of solid waste. The garbage is collected on a daily basis.

Liquid waste management - The liquid waste generated is transferred to the underground drainage system through the drainage pipelines. The chemistry laboratory follows proper liquid waste management procedures by segregating organic and inorganic waste. The concentrated acidic or alkaline solutions are neutralised before they are disposed of.

E - waste management - all the E waste generated is collected at one point for storage until it is sold off by the scrap disposal committee to the local scrap dealer so that all the e waste is properly recycled.

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

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

E. None of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
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**

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	C. Any 2 of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	C. Any 2 of the above
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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).

To build a better nation of responsible youth, the Institute organizes and conducts several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff members.

To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The Institute and its faculties and other staff members jointly celebrate the cultural and regional festivals, like independence day, republic day, Fresher Party, teacher's day, different orientation programs and farewell program, Induction program, rally, oath, tree plantation, Youth day, Women's day, Yoga day, festivals Ganesh chaturthi, Navratri celebration, etc. religious ritual activities are performed in the campus.

Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students.

In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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

Constitution day Constitution Day is celebrated on 26th November every year. The students are made aware of the sensitization of responsibility towards the constitutional values, rights, duties and responsibilities of citizens. Students are encouraged to follow Thoughts of Dr. B. R. Ambedkar

Celebration of National Days Every year Institute celebrates Republic Day, Maharashtra Day and Independence day on January 26, May 01 and August 15 respectively. The celebration is attended by Students, Teaching and Non-teaching Staff, Invitees, guests. Flag hosting with National anthem followed by distribution of sweets is the regular decorum of the programme.

Blood Donation Every year institute organises blood donation camp in association The students are sensitised on the importance of the activity and are encouraged to participate in saving the life of citizens of India.

Cleanliness/Plantation drive Students consistently and regularly participate in the cleaning activities on several occasions including Mahatma Gandhi Jayanti on October 02, every year. Moreover, students are encouraged for active participation in the plantation Road Safety Rally, health check up camp

The students are encouraged to participate in the activities of spreading the awareness among citizens on social issues like road safety. To create the awareness regular health check up by organising the health check up camp.

The students are encouraged to participate in the activities of

spreading the harmony among all multilingual students by poster making competition on occasion of Shiv Jayanti And celebrating Marathi Rajbhasha Divas

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

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

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
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	No File Uploaded
Any other relevant information	View File

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

Institution celebrates/ organises national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism

and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

International Yoga Day -At our institute we celebrated International day of Yoga on 21/06/2021 in online mode. Our principal Dr. V. N. Pawar was available as chief guest. Around 50 students and 25 faculty members were present.

Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the hoisting of national flag and spreading a warm message of nationalism in a speech by the Principal.

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

Title of the Practice: Google Classroom Utilisation

Objectives : An online digital tool for making teaching learning process essential. Google Classroom is used for streamline the process of sharing files.

The Context : With Google Classroom, faculties can:Digitally organise, distribute, collect,assessment and grade .assignments, course materials and student work. Communicate with students about their classwork.

?????The Practice : Google Classroom alwwsFaculties to organize staff notes, announcements, dates, documents, and other resources forfaculties and Students.

Evidence : Google Classroom is effective in improving Students access and attentiveness towards learning, knowledge and skills gained through Google Classroom.

Problem - students cannot share their work with their peers.

Best Practice 2

Title of the Practice: On step towards paperless/minimal paper-based office

Objectives: To reduce the use of paper for conservation of nature as well opt the digital way to reach the intended user in the fastest way.

The Context: paperless/minimal paper-based office

- Sending all the office circulars using email/ messaging app
- All the student related circularsand important messages are conveyed via emailor digital media

The Practice:Due to the pandemic,organisations got forced to opt the online/digital ways for communication and completing day to day activities. So our organisation too accepted the paperless policy. All are instructed to use minimal paper, printouts are taken only its nessary most of the time reuse the of time papers.

Evidence : Almost all the official circulars and notice are distributed using emailor digital media

Problem Some required to be printed for circulation and validation

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1krpG0Wk0ILCVAnVcelvKgfyNzcPX83Ax/view?usp=sharing
Any other relevant information	na

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

Policy- College to Corporate

Overview-The ultimate objective of every student is to get a dream job. the institute to provide a platform to develop and polish their skills and expertise and make them ready to corporate.

The Process ACPCE makes students ready for Corporate by undertaking following methods

1. Attendance - College motivates students to maintain attendance above 75% by giving them better marks in term work and Their attendance is regularly displayed at the departmental notice board.
2. Assignment- Subject teachers give the practical assignment based on concepts to develop their subject specific skills.
3. Students are encouraged to complete an internship on the latest technology.
4. Students participate in various inter college fest for improving their abilities.
5. Institute motivates its bright students by awarding them cash prizes during the annual festival .
6. Faculty mentors are assigned a number of students to counsel. The objective is to encourage weak students and guide them.
7. Remedial classes are conducted for weak students. Weak students are identified on the basis of marks obtained in internal exams.

8. Students are motivated to participate, manage and exhibit their extra curricular skills in Participation of Technical, cultural, Sports fest-and also awarded for that.

9. Seminar/ Guest lecture / Alumni lectures are being conducted in every semester to develop a connection to the placements.

10.Students are motivated to do Research for projects as well for mini project and final year students are insisted to publish their research work in reputed journals and conferences.

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

7.3.2 - Plan of action for the next academic year

1. To encourage the faculty to publish papers in national and International journals and seminars.
2. To take up the upgradation and revolution of college buildings .
3. To introduce the FRS attendance system for staff and students to improve the quality in Higher education.
4. To encourage staff to register for online courses offered by Swayam, NPTEL etc,.
5. To attend LMS programmes, FDPs and Introducing Short term and Long Term internship courses which helps students to get jobs
6. To Organise State / National level Conferences, Paper Presentations & project competition.
7. Upgrade the Quality of Guest lecturers on current Topics and Emerging Trends, for our Students to make them Prepare as Entrepreneurs and Professionals for the Global Market.