



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>ATHARVA COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Ramesh Kulkarni</b>	
• Designation	<b>Principal</b>	
• Does the institution function from its own campus?	<b>Yes</b>	
• Phone no./Alternate phone no.	<b>02240294949</b>	
• Mobile No:	<b>9970184557</b>	
• Registered e-mail	<b>ace@atharvacoe.ac.in</b>	
• Alternate e-mail	<b>rajendramahajan@atharvacoe.ac.in</b>	
• Address	<b>SR NO.263 PLOT NO.8-12,CHARKOP NAKA, MALAD MARVE ROAD</b>	
• City/Town	<b>Malad west Mumbai</b>	
• State/UT	<b>Maharashtra</b>	
• Pin Code	<b>400095</b>	
<b>2.Institutional status</b>		
• Affiliated / Constitution Colleges	<b>Affiliated</b>	
• Type of Institution	<b>Co-education</b>	
• Location	<b>Urban</b>	

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Mumbai University</b>				
• Name of the IQAC Coordinator	<b>PRAGYA JAIN</b>				
• Phone No.	<b>02240294949</b>				
• Alternate phone No.	<b>7666304424</b>				
• Mobile	<b>7666607071</b>				
• IQAC e-mail address	<b>iqac.ace@gmail.com</b>				
• Alternate e-mail address	<b>pragyajain@atharvacoe.ac.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://atharvacoe.ac.in/wp-content/uploads/AQAR-2021-22.pdf">https://atharvacoe.ac.in/wp-content/uploads/AQAR-2021-22.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://atharvacoe.ac.in/academic-calender/">https://atharvacoe.ac.in/academic-calender/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.26</b>	<b>2023</b>	<b>18/10/2023</b>	<b>17/10/2028</b>
<b>Cycle 1</b>	<b>B+</b>	<b>2.72</b>	<b>2016</b>	<b>03/07/2018</b>	<b>03/07/2023</b>
<b>6.Date of Establishment of IQAC</b>			<b>28/07/2015</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>nil</b>	<b>nil</b>	<b>nil</b>	<b>nil</b>	<b>nil</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
IEEE TECHITHON'23 & Internal Smart India Hackathon Innovation, Entrepreneurship and Startup(IES) Faculty Development Program Workshop, webinar, seminars and orientation	
<b>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</b>	
Plan of Action	Achievements/Outcomes
Entrepreneurship and Startup	Phenix 2.0 and Seminar series
Technical Events	Techithon'23 and Hackathon
Marching towards Excellence	FDP session in hybrid mode on NEP, Technical, Financial, modern tools etc
Social Cause	Awareness program Health and Hygine and Inctallation of Incinerator in the campus
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
College Development Committee	09/03/2023

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	05/02/2024

#### 15. Multidisciplinary / interdisciplinary

Atharva College Of Engineering (ACE) is affiliated to University of Mumbai (MU). The institute follows the curriculum and assessment as per the guidelines from University of Mumbai. ACE believes in inclusive learning and holistic development of the students. It follows standard practices expected in NEP-2020 adhering to norms laid down by affiliating university. The basic engineering sciences and humanities subjects like Physics, Chemistry and Mathematics, Professional Communication and Ethics are part of the curriculum in the first year of engineering. The courses related to humanities and social sciences are given proper weightage so as to give a comprehensive approach which satisfies STEM. The institute offers interdisciplinary subjects at department level and also motivates students in social corporate responsibilities on a regular basis through various activities where they learn and understand the Indian tradition and culture. As per the prescribed syllabus offered by MU every department is offering interdisciplinary subjects to their respective students eg. Business Communication. & Ethics, Disaster Management & Mitigation Measures, Environmental Management, Human Resource Management etc, Professional Ethics and Corporate Social Responsibility (CSR) etc. Students study these subjects to enrich humanity and social connections in the mentioned courses, students learn and engage with the community. The institute organized an International Conference on Science, Technology, Engineering and Mathematics for sustainable development (ICSTEMSD) on 16th17th Feb 2023 to promote the Multidisciplinary / interdisciplinary participation following the concept of AICTE's concept of application of science, technologies, engineering and mathematics (STEM) among the industry and academia. The conference was multidisciplinary in nature covering areas such as Communication and Networking, Applied Computing and IT, Recent Trends in Power System, Electronics Technologies, Advanced Research in Science Technology and e- Learning. Institute has an NSS wing which conducts different activities which are actively engaged in imparting community and social service to the society, thus students improve their personality, team-building and leadership skills. Institute is

also planning for infrastructure augmentation and faculty empowerment/upgradation to cope with NEP 2020 requirements While more clarity will be visible in coming months on how the multidisciplinary and interdisciplinary approach to education being proposed in the Policy will shape up, the Institute welcomes the change and is ready to implement the same.

#### **16.Academic bank of credits (ABC):**

The National Education Policy (NEP) 2020 in India introduced the concept of the Academic Bank of Credits (ABC) as a means to promote multidisciplinary learning, flexibility, and seamless credit transfer across educational institutions. The ABC allows students to accumulate credits for courses completed which can be transferred and counted towards their academic degrees in the future. Atharva College of Engineering has received a circular from Mumbai University regarding the Academic Bank of Credits(ABC). Mumbai University has sent a detailed PPT describing the ABC ID generation process and conducted 3-4 sessions to explain the ABC ID generation process with the college authorities. College is registered under National Academic Depository (NAD) and has shared detailed information about the ABC ID generation process on Digi locker portal. All the queries of the students regarding the ABC ID generation process were addressed by Mumbai University representatives in the sessions conducted in our college. The institute is registered under ABC, NAD and as per guidelines, completed the process of registration of students. Registration information of all students is being sent to Mumbai University. We are also guiding and trying to solve doubts and queries faced by students while generating ABC id. We are working to implement multiple entry and exit systems within the approved framework of the Mumbai University Credit accumulation and transfer system as per policy of Mumbai University. Our college is affiliated to Mumbai University and follows the curriculum prescribed by the University. Also, to achieve effective learning outcomes faculty members design their own approach in teaching and learning pedagogy. Approaches like flipped classroom, group discussion, TPS methodology, role play, Project based Learning etc. being used by faculty members to enhance learning. Faculty members design lab manuals for subjects within the framework of Mumbai University. Wherever necessary, faculty members add/update course outcomes for their subjects. To fill up the curriculum gap, we have additional bridge courses on Robotics, iMac lab, i-Lab courses designed by faculty members to enhance knowledge, learning and employability of students. Students are getting registered on Digi locker portal on a regular basis. Also, with the aim of enhancing the knowledge and skills of

students, our institute has started to motivate and encourage students to register and complete courses on Moocs/Swayam/NPTEL and till now total 11429 students have completed courses on it. Through various communication methods, students are informed regularly about the importance of ABC and how students can accommodate and commence credit transfer. The final outcomes of credit redemption and issue of certificates, and compilation of student awards, can be monitored by academic institutions through the NAD Platform.

#### **17.Skill development:**

Atharva College of Engineering (ACE) is committed to strengthen vocational education and develop soft skills of the students, through various initiatives and programs, providing ample opportunities for skill enhancement, knowledge acquisition, and overall personality development. In accordance with AICTE guidelines, the institution organizes an Induction Program which emphasizes ethical conduct, effective communication, emotional intelligence, and universal human values. Additionally, faculty members conduct regular sessions, integrated into the academic curriculum for all students, focusing on honing crucial skills such as communication, email and telephone etiquette, leadership, teamwork, adaptability, and flexibility. By integrating these sessions into the curriculum, the institute ensures continuous development of these skills and effectively prepares students for the challenges of the professional world. The institute also provides students with a plethora of opportunities to engage in courses such as Spoken English and Personality Development (SEPD), Spoken Tutorial, FOSSEE, and promotes NPTEL, MOOCs, Coursera and various certified courses, that enables students to enhance their employability. Each department organizes and conducts seminars, webinars, guest lectures, workshops, to strengthen the technical skills of the students. Additionally, students are exposed to skill-based courses such as cinematography, photography, photo and video editing, storyboarding, scripting, direction, etc., focusing on enhancing creativity. ACE being affiliated to University of Mumbai, offers specialized Honours Degree programs in emerging fields such as Artificial Intelligence and Machine Learning (AIML), Robotics, and Data Science. These programs provide students with specialized knowledge and expertise, giving them a competitive edge. Furthermore, ACE has developed state-of-the-art facilities, such as Robotics Center, iMAC Lab, I-Lab, Ground Station, Remote Embedded Lab and PSOC Lab, to provide students with hands- on training sessions on recent technological advancements in respective fields to enhance their technical skills and boost their placement opportunities. The institute actively participates in community

engagement and social responsibility through activities organized by NSS such as Swachhata Abhiyan, Unnat Bharat Abhiyan, Tree Plantation drives, Drug Abuse Awareness campaigns, etc., to promote social and environmental sustainability. ACE organizes an annual technical festival, 'IEEE TECHITHON', aimed at promoting Research, Technology, and Innovation, which serves as a platform for students to showcase their technical projects, participate in poster presentations, and exhibit their extracurricular skills. Students actively engage in national and international competitions, such as SMART INDIA HACKATHON, ROBOCON, Flipkart Grid Competition, National Innovation Contest 2020, Yukti Innovation Challenge, etc. The Institute organizes RhythmEmber, an annual cultural festival which provides opportunity to students for showcasing their talent and creativity. Furthermore, ACE organizes an annual Sports Week, for demonstrating athletic prowess and competing in various sports events. ACE provides a holistic learning environment that fosters personal and professional growth, enhances students' employability and prepares them for the ever-evolving demands of the industry. The institution is committed to empower students and contribute towards betterment of the society.

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

In order to integrate the Indian Knowledge System, the Institute has been creating the requisite procedures. The Institute promotes parental learning through parent teachers meetings periodically. The stakeholders including parents and alumni are invited to share their professional and social experiences. The institute organizes annual cultural and technical events where students enhance their creativity through modeling, analyzing, organizing, interpersonal, acting, singing, dancing, playing instruments and managerial skills, etc, and in technical events they hone their technical skills. The institute organizes Debates, speeches, group discussions, poetry recitations, story narration, and Marathi language day celebrations so that our students learn and comprehend various cultures, traditions, customs, and religions within the country We encourage our students to take part in the Unnat Bharat Abhiyan activities because they are motivated by the idea of transforming rural development procedures by utilizing academic institutions. We have an Electoral Literacy Club at the institute to engage our students in practical learning opportunities to educate them about their voting rights and acquaint them with the registration and voting processes. In order to comprehend real-life issues and offer solutions, the Institute encourages students to travel to rural areas. The Institute conducts an annual one-week NSS Camp in rural

areas. During the NSS camp students stay in a village and they get an opportunity to understand rural life and Indian culture. Moreover, the NSS students travel to the local schools and provide presentations on cutting-edge technology to the students. Every year, the institution plans nationwide industrial visits for students, allowing them to experience and learn about the history, traditions, and way of life of many states. Additionally, the institution encourages students to enroll in NPTEL/MOOC certificate courses where they can take additional courses in Indian languages. Although the institute's curriculum is intended to be taught in English, the faculty members cater to slow learners by speaking their native tongue

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

The institute is committed to Outcome-Based Education (OBE) which is being adopted at a fast pace at ACE. It has been fine-tuned and institutionalized through focused policy formation and training. AICTE has set POs for the Engineering and Technical Colleges and in line with it Mumbai University does the adaptation of CO and LO. The Course Outcomes (COs) for each course are established at the beginning of OBE implementation based on the Programme Outcomes (POs). The COs are evaluated and assessed at the end of each course to check whether COs have been accomplished or not. PSOs and PEOs are made in line with the particular department. The process of attainment of COs, POs, and PSOs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels. Then, on a scale of 1 to 3, a correlation between COs and POs is determined, with 1 denoting the slight (low), 2 denoting moderate (middle), and 3 denoting considerable (high). Assessment is carried out by the department, which identifies, collects, and prepares data to evaluate the achievement of POs and Program Specific Outcomes (PSOs). Primarily attainment is the standard of academic attainment as observed by examination results. The course content that is covered in each module is taken into account while defining the CO statements. A listing and description of the assessment processes used to gather the data upon which the evaluation of each programme educational objective is based. Attainment of the COs can be measured directly and indirectly. Direct attainment displays the students' knowledge and skills from their performance. It can be determined from the performance of the students in all the relevant assessment instruments like Internal assessments, assignments, Lab Assignments / experiments, End Semester Examination, Practical Semester Examination, Class /

Assignment Test, or other processes that are relevant and appropriate to the programme. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning. Students are asked for feedback on their learning using indirect means such as course exit forms and Program Exit Survey. They gain insight into viewpoints or ideas regarding the graduate's expertise. Indirect measurements can reveal how graduates perceive their education and how various stakeholders value this education. Based on current technological trends as well as input from the stakeholders, the course's curricular gap is analysed and rectified through various methods such as guest lectures, industrial visits, internships, online quizzes, etc.

#### **20.Distance education/online education:**

The organisation supports teaching-learning using online resources. Faculty members have enough expertise using technological tools for teaching and learning and creating electronic content for their subjects and laboratories. The institute has a local chapter NPTEL-SWAYAM. Studying from IIT professionals through NPTEL's online courses, students gain benefits. Students are also taking several placement-related training/courses in online mode. A virtual lab is a teaching and learning environment created to help students develop their laboratory skills. Virtual Labs are among the most important online learning tools. Students can undertake a variety of experiments in Virtual Labs online at any time and without respect to location or schedule. Many faculty members conduct virtual lab experiments depending upon the requirement. Every subject has a Google Classroom built where professors upload all course and lab materials. Students that participate in Google Classroom submit assignments and take quizzes that are posted by the subject coordinators or faculty members.

**Online Education:**

- 1. Course Networking:** The implementation of the Course Networking has led the Department of Computer Engineering towards some positive results and we are still in the process to find more ways to make the best out of it. Course Networking allows the teachers to take the submissions and grading of Assignments online. Following benefits were observed during the offering of CN: a) Teacher Student interaction increased and improved drastically. b) Different features of CN like post, poll and event were used to make them feel the social platform. c) Online lectures and quizzes in different groups has led to successful implementation of online and uninterrupted teaching learning process during the spread of covid19 virus. The number of students placed in this academic year showed a significant improvement as compared to previous years.
- 2. MOOCs:** MOOC is a free online educational program designed by a group of

very outstanding professors from famous universities across the globe intended for an unlimited number of students located at any corner of the world. Interested students surf these websites for the courses of their interest and enrol themselves. MOOCs courses helps improve the basic concepts & skills & help in building a strong resume and character ultimately grooming students to get easily absorbed in a corporate life. 3. Virtual Lab: Main Objective is 1. To provide remote-access to simulation-based Labs in various disciplines of Science and Engineering. 2. To provide 24x7 accesses the virtual lab so that student's teacher can perform the practical's & learn anywhere any time. 3. To provide a complete Learning Management System around the Virtual Labs where the students & teachers can avail the various tools for learning, including additional web- resources, video-lectures, animated demonstrations and self-evaluation. 4. Google Meet & Google Classroom: Facilitates online/ hybrid mode of teaching learning process & sharing of resource via Google classroom. It also facilitates conduction of lecture from anytime, anywhere learning. 5. Coursera: Coursera credentials are unique, they are recognized by employers and universities worldwide, allowing students to qualify for jobs on a global scale. It provided free certification courses during the pandemic. 612 students from Atharva College of Engineering had registered for the course of which 405 students cleared the exam & awarded from Coursera. 6. SWAYAM/NPTEL courses: It facilitates verified courses from various institutes of National importance & provides anytime, anywhere learning. Additionally participants can avail certificates by registering for the exam & clearing the same. It further is beneficial for placements as it facilitates credit transfer per NEP 2020 into the students ABC ID on successful clearance of the course exam.

## Extended Profile

### 1.Programme

1.1 325

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

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

### 2.Student

2.1 2213

Number of students during the year

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

2.2 748

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

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

2.3 534

Number of outgoing/ final year students during the year

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

### 3.Academic

3.1 108

Number of full time teachers during the year

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

3.2 97

Number of Sanctioned posts during the year

## Extended Profile

### 1. Programme

1.1	<b>325</b>
Number of courses offered by the institution across all programs during the year	

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

### 2. Student

2.1	<b>2213</b>
Number of students during the year	

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

2.2	<b>748</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

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

2.3	<b>534</b>
Number of outgoing/ final year students during the year	

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

### 3. Academic

3.1	<b>108</b>
Number of full time teachers during the year	

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

3.2	97
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	26
Total number of Classrooms and Seminar halls	
4.2	57826411
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	654
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

Atharva College of Engineering is affiliated to the University of Mumbai (UoM), is committed to providing a comprehensive educational experience through a well-structured curriculum. Each academic year, the Principal, Vice Principals, HoDs, and student council members collaboratively create an academic calendar aligned with UoM guidelines, ensuring smooth communication and coordination. ACE prioritizes time management by preparing detailed class timetables, displayed in departments and online. Faculty members develop lesson plans, reviewed by the Program Assessment Committee, to ensure structured and effective curriculum delivery that fosters an optimal learning environment. The institution maintains high academic standards through continuous assessment methods, including assignments, quizzes, presentations, internal assessments, to monitor student progress and identify both slow and advanced learners. The Internal Quality Assurance Cell (IQAC) sets benchmarks and supports faculty development. The college library plays a key role by providing

access to books, journals, and digital resources via DELNET. ACE employs learner-centric techniques like bridge courses, MOOCs, and NPTEL lectures and regularly organizes workshops, seminars, guest lectures, and faculty development programs to impart industry-relevant skills. To enhance practical learning, ACE encourages internships, projects, and industrial visits. Additionally, the college fosters holistic student development by promoting active participation in sports, cultural events, and technical competitions.

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

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

Being a part of University of Mumbai (UoM), ACE adheres to the academic calendar issued by the university while also crafting its own calendar, which is shared on the institute's website. The principal ensures the smooth execution of planned activities through regular meetings with teaching and non-teaching staff. Throughout the semester, continuous assessment is conducted to measure each Course Outcome (CO) through various tools like assignments, tests, presentations, quizzes, vivas, and group projects, considering the overall learning pace of students. Laboratory sessions are integrated with regular assessments, and constructive feedback from teachers and mentors helps students improve continuously. Projects, fieldwork, industrial visits, and excursions are also organized as part of the Continuous Internal Evaluation (CIE). The institute emphasizes innovative learning methodologies and supports a wide range of sports and cultural activities. The mentor-mentee model provides additional academic guidance, fostering overall student development. The Exam Section oversees examinations in line with university norms, setting internal assessment dates and offering remedial lectures for slow learners. Answer sheets are reviewed in class to address grievances, ensuring transparency. The institute's focus is on transformative education, ensuring accessibility, comprehensibility, and transparency in all processes.

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

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

**A. All of the above**

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

## 1.2 - Academic Flexibility

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

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

**6**

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

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

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data**

**requirement for year: (As per Data Template)**

7

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

1379

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

1379

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

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

Atharva College of Engineering (ACE) is dedicated to holistic student development, emphasizing values such as compassion and societal commitment. The college's student societies, student council and NSS atharva actively organized socially relevant events, including like Swachhata Abhiyan, Unnat Bharat Abhiyan, tree plantation drives, Electoral Literacy club, Flag Pickup and awareness rally and street plays. The curriculum features courses on Professional Ethics, Gender Equality, and Sustainability, along with subjects like Cyber Security and Disaster Management, Professional Communication and Ethics I and II aimed at developing interpersonal skills. The Student Induction Program each year covers human values, professional ethics, and physical wellness, and faculty members complete UHV training to reinforce these

values. In February 2024, ACE hosted an International Conference on "Science, Technology, Engineering, and Mathematics for Sustainable Development," where students and faculty presented research and engaged in global discussions. The college also encourages participation in technical festivals such as IEEE TECHITHON, competitions like SMART INDIA HACKATHON, ROBOCON, Flipkart Grid, National Innovation, Avishkar Contest and various cultural and sports events. Partnering with the Atharva Foundation, ACE supports educational initiatives for martyr's daughters and underprivileged communities. Additionally, the Institution Innovation Cell (IIC) fosters an entrepreneurial spirit and drives innovation among students.

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	<a href="#">View File</a>

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

25

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

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

308

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://atharvacoe.ac.in/feedback-system/">https://atharvacoe.ac.in/feedback-system/</a>

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

1968

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

873

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

The institution employs diagnostic assessments to identify specific areas where students may need additional support, ensuring that each learner receives the appropriate resources and guidance to improve their academic performance. The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners. For advanced learners, the institution offers enrichment programs that include advanced coursework such as NPTEL, SWAYAM ,MOOCs, virtual lectures classroom, research opportunities, and extracurricular activities such as AET IEEE Techithon, E-yantra, Hackathon that challenge and stimulate intellectual curiosity. Institute provides the opportunity for internships to give an exposure to the industry work-culture. These programs aim to deepen their knowledge, encourage critical thinking, and provide leadership opportunities.

Conversely, slow learners benefit from targeted support programs designed to address their unique learning needs. These include personalized tutoring (Mentoring) , Test/Retest, structured

interventions like interaction during lectures, remedial classes, Internal-viva, counseling, worksheets & assignment to help bridge gaps in understanding. By providing these differentiated learning opportunities, the institution ensures that all students, regardless of their starting point, can achieve their full potential and succeed academically. This holistic approach underscores the institution's dedication to inclusive education and the development of every student's unique abilities.

File Description	Documents
Link for additional Information	<a href="https://atharvacoe.ac.in/nptel/">https://atharvacoe.ac.in/nptel/</a> , <a href="https://atharvacoe.ac.in/techithon-2019/">https://atharvacoe.ac.in/techithon-2019/</a> , <a href="https://atharvacoe.ac.in/e-yantra/">https://atharvacoe.ac.in/e-yantra/</a> , <a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a> , <a href="https://atharvacoe.ac.in/courses/information-technology/">https://atharvacoe.ac.in/courses/information-technology/</a> .
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2213	108

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

## 2.3 - Teaching- Learning Process

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

**Experiential Learning:** ? Experiential Learning is the process of learning by doing. By engaging students in hands- on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations. ? Add-On courses like MOOC, NPTEL, and Spoken tutorial provide an affordable and flexible way to learn new skills and deliver quality educationalexperiences at scale. **Participative Learning:** ? Participative learning techniques like tech fests, annual day, IEEE conferences, and cultural events help students gain confidence and overcome stage fatigue. ? Workshops, Presentations are held on a monthly basis which exposes them to the new era of technologies and keeps them updated to work with the same in a

real environment. Problem Solving: ? Engaging students in problem solving activities develops their ability to analyze situations, identify key issues, generate creative solutions, and evaluate their effectiveness. ? Hackathons, R&D project competitions are organized with the view to boost the morale of students by encouraging and motivating them to participate in and get acquainted within the working industrial environment.

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

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

The institute uses Information and Communication Technology (ICT) in education to support and optimize the delivery of education. ICT Tools: ? Projectors/Desktop/Laptops/Printers/Photocopier ? Machines/Scanners are available in different classrooms/labs and campus. ? Two seminar halls are equipped with all digital facilities. ? Six Smart classrooms with smart boards using optical devices. ? Online Classes- Zoom, Google Meet/ Google Classroom. ? MOOC Platform- NPTEL, Coursera, Digital Library resources, Spoken Tutorials, Vlab Use of ICT by Faculty: Google classroom and Google meet is used to manage course-related learning material, quizzes, lab submissions and evaluations. ? Virtual labs are used to conduct labs through simulations. ? Online drawing tools like concept maps, mind maps are used for activities. ? The PPTs are enabled with animations and simulations to improve the teaching-learning process. ? Media lab facility used to create video lectures and upload them as extra learning resources ? IIT Virtual lab(SQL Lab) used for creating multiple students accounts. ? Industry Connect- Guest lectures, expert-talks, and various competitions are organized. . ? I MAC, ILAB, ICELL , ROBOTICS training is provided for upgradation and knowledge gain.

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

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

#### 2.3.3.1 - Number of mentors

77

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

108

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

#### 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

18

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

#### 2.4.3.1 - Total experience of full-time teachers

618

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

## 2.5 - Evaluation Process and Reforms

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

At the beginning of the semester, the subject-teacher plans the measuring tools for each CO. Different tools such as internal assessment, practical tests, vivas, Group Project activity, Presentations, Group Discussion or quiz are planned and students are informed accordingly through the teaching plan. During the lab session, a list of experiments along with assignments are performed and are evaluated by the subject teacher on a regular basis which helps them for continuous evaluation of students and measure the outcome. Based on the evaluation, the faculty then conducts additional lab sessions for the students. The evaluation of term work is done on a continuous basis by the subject teacher. The Exam section is responsible for smooth conduction of exams. The institute adheres to the university norms and guidelines for conducting all the exams. The Institute academic calendar indicates the dates of internal assessment (IA). As per the University guidelines, two internal assessments are to be conducted and an average of two tests will be contributing to theory marks of the end semester examination. The slow learners

are identified based on their performance and in addition to the regular assignment and test, remedial lectures are conducted.

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

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

After the declaration of the result of the internal assessment, answer sheets are shown to the students and the solution is discussed in class by the subject teacher. In case of any grievance, students can approach the subject teacher and it is sorted out within a day. End semester examination for second and third year is conducted by the institute on behalf of University of Mumbai whereas first and final year exams are conducted by the university. After Examination and Result declaration, if any student is not satisfied with the marks awarded and if they wish to apply for the Revaluation process, they will approach the exam department within the given period of time and apply for revaluation of the paper as per guidelines given by University of Mumbai. After revaluation of the applied answer sheet, the marks awarded to the student will be final marks granted in that subject. Re-revaluation is done if the difference in first and second evaluation is more than 20 marks. If the student is still not satisfied with the marks awarded after re-revaluation, he/she may go for the challenge evaluation by taking approval from the Vice-Chancellor and the marks obtained will be considered as final marks awarded to the student.

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

## 2.6 - Student Performance and Learning Outcomes

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

Program Outcomes are broad statements that describe the professional accomplishments, these are to be attained by the students by the time they complete the program. Program specific

outcomes are the specific skill requirements and accomplishments to be fulfilled by the students at micro level and describe what the graduates of a specific engineering program should be able to do. Programme Education Outcome are achieved through CO-PO mapping. Course outcomes are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. The syllabus of each course is available on a college website where CO's of each course are stated. All the faculty members discuss CO's of their respective subjects in the classroom, and in the induction program. Programme Educational Objectives Programme Outcomes are published on the college website <http://www.atharvacoe.ac.in/>, Department notice boards, Laboratories and also discussed in meetings with employers, induction programs, faculty meetings, parent teacher meeting and alumni meeting. As students regularly check the notice boards of department/laboratory, POs are displayed on notice boards . Awareness of the respective course CO is conducted, faculty meetings, parent teacher meetings and alumni meetings.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Attainment of Programme outcomes and course outcomes are evaluated by the institution. It is the action of achieving the standard results towards accomplishment of desired goals. Course Outcome(CO) attainment is calculated by Direct and Indirect tools. Direct tools weightage is 80% while Indirect tools weightage is 20%. Direct tools include Internal Assessment (IA-1 and IA-2), where the respective subject in-charge covers all the CO's specified in the syllabus by University of Mumbai. Calculation of CO Attainment is based on calculating the maximum marks of each CO allotted in IA-1 and IA-2. End semester examination is conducted by University of Mumbai for which respective faculty member covers the mentioned CO's given in the syllabus. Indirect assessment is based on the feedback given by the students on the Course outcomes known as Course Exit Survey and Faculty assesses Students through Assignments. PO and PSO Attainment: Program outcomes attained

through the attainment of COs. For a given course, all COs are mapped to certain POs. The overall CO attainment value as computed and the CO-PO mapping values as specified in the Level Description above is used to compute the attainment of PO's and PSO's.

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

### 2.6.3 - Pass percentage of Students during the year

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

473

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

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

[https://www.atharvacoe.ac.in/wp-content/uploads/Student%20 Satisfaction Survey 2023-2024.pdf](https://www.atharvacoe.ac.in/wp-content/uploads/Student%20Satisfaction%20Survey%202023-2024.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

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

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

612500

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

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

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

2

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

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

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

65

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

## 3.2 - Research Publications and Awards

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

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

101

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

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

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

83

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

### 3.3 - Extension Activities

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

Atharva College of Engineering has strong NSS wing .NSS actively addressed several societal issues,focusing on the environment, cleanliness, plastic waste management.NSS carriedout a range of impactful initiatives.To promote holistic development, students at Atharva College of Engineering are encouragedto engage in extension activities aligning with the institution's Vision and Mission. Throughagencies like NSS and Atharva Foundation, students participate in activities fostering social responsibility and environmental awareness. The active NSS unit conducts drives on waste management, anti-plastic movements, andcleanliness under Swachh Bharat, tree plantation,Mango Seed collection,Yoga Day,Ecobricks Making, - 1 In collaboration with Atharva Foundation, ;Seed Modhak Project promotes eco-friendly festivals

by offering plantable modaks. Additionally, guest lectures and awareness drives on issues like gender equality, drug abuse, and cybercrimes are organized. Some students also participate in the NCC wing, engaging in various social and patriotic activities. Atharva College of Engineering annually expresses gratitude to police officers and non-teaching staff for their invaluable contributions. This gesture of appreciation acknowledges their hard work and commitment, fostering a spirit of respect and community within the college. The annual cultural festival Rhythm begins with a marathon to raise social awareness, involving staff, students, and local residents.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/nss/">https://atharvacoe.ac.in/nss/</a>
Upload any additional information	<a href="#">View File</a>

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

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

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

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

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

23

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

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

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

310

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

### 3.4 - Collaboration

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

308

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

17

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Atharva college has well-appointed and spacious classrooms, tutorial rooms, department rooms, Robotic Center, iMac Lab, Satellite Ground Station, Virtual Classrooms and Innovation lab (iLAB). The classrooms are equipped with projectors so that ICT can be used for strengthening academic discourse. Atharva College of Engineering has set up an Industrial Robotics Training Center for Educational Institutions at ACE.ACE's Robotics Training Center is India's Second & Maharashtra's First Industrial Robotics Training Center amongst Private Engineering Colleges. Atharva college of Engineering has set up a state of the art iMac Lab consisting of 20 iMacs, an iPad and an Apple TV. The lab aims to equip the young graduates in various domains that drive the digital world like mobile computing, multimedia, cloud computing etc. Atharva Satellite Ground Station was established in 2008 as a part of IIT Bombay's first student Satellite "PRATHAM". Atharva has a World class Auditorium. Academic events like conferences, seminars, talks etc. and student activities are hosted in the auditorium. The Library and reading room is spacious, well ventilated and with ample natural light. It has a seating capacity of 150. The library has a membership of INDEST - AICTE Consortium for International e-journals.

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

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

The college offers resourceful infrastructure for holistic growth of students. It provides adequate facilities for cultural activities, indoor and outdoor sports. A spacious air-conditioned state of the art infrastructure Auditorium, Common Room and Multi-Purpose Hall are available for the students to organize and participate in co curricular, recreational and cultural activities. The hall has an air conditioning system. There is a generator for power back-up and the firefighting system is in place. The outdoor and indoor sports facilities for different games are available. Spacious place for Meditation and Yoga is available on the first floor of the third phase. A well-equipped gym & Swimming Pool are available for students and staff The well maintained gym comprises multigym (12 stations), smith machine, breacher curls, arm machines, bench press, flat benches, bars, dumb-bells, plates, dip stands and many other modern exercise equipment. Atharva provides swimming pool facilities to students and staff. In phase 2 there is lavish swimming pool of 54.5 \* 28.4\* 6 cube feet with the capacity of 2-3 lac litre water. Approximately 50 students swim every day. T. Pool water is very neat and clean. It is filtered by chlorine twice a day.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://atharvacoe.ac.in/sports/">https://atharvacoe.ac.in/sports/</a>

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

10

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

24

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

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

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

2,32,02,927.00

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

## 4.2 - Library as a Learning Resource

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

The Library is located on the second floor & fourth floor Phase-I building. The reading room is spacious, well ventilated and with ample natural light. It has a seating capacity of 150. The library has a membership of IIT central library. The library subscribes to IEEE online Users get full access to 331 international journals, 2491 standards, 9717 conference; proceedings, E-books 7764 and DELNET online Users get access e- Newspaper 145, 5000+ full text E-journals and 14000 E-Journals, 1,00,000 E-Books. Also membership of the National Digital Library. The Library has won books collection 34,434, National journal 57, Technical Magazines 16, Magazines 4. The Library is provided by the Social welfare office Book bank books and Department of Students Development, University of Mumbai

? Name of ILMS software : KOHA ? Nature of automation (fully or partially) : Fully ? Version : 21.05.10.000 ? Year of Automation : 2022

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://atharvacoe.ac.in/library/">https://atharvacoe.ac.in/library/</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

**1,402,272**

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

**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**

120

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

### 4.3 - IT Infrastructure

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

Atharva college of Engineering IT infrastructure complies with all legal criteria and specifications. The infrastructure at the institute is kept up well with internet access. The Computer systems are running on licensed operating systems and necessary software. For internet connectivity, the institute's PCs are all LAN-connected. Additionally, Wi-Fi access points are established in visible locations, providing staff and students with easy access to the internet. At regular periods, servers and computers are maintained, updated, upgraded, and replaced. Network switches, printers, and other IT equipment are regularly updated and replaced. There are ICT amenities in lecture rooms and classrooms. In terms of safety and security, the institute is covered under CCTV surveillance. Atharva college of Engineering has 654 Desktops/Workstations for students. The college uses Lenovo, Dell and HP workstations. Updating of systems has to be done every year as per the requirements. Computer Labs have an adequate number of desktops, maintaining a student to computer ratio of 3.07. The College has high configuration servers to allow fast transmission of data to the various computers. The bandwidth for internet connection is provided by Airtel and has been updated every year. The bandwidth for internet connection for A.Y. 2023-24 was updated to 400mbps.

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

#### 4.3.2 - Number of Computers

654

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	<b>No File Uploaded</b>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

**4,43,13,085.00**

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

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

**Maintenance of Resources: a) Equipment and machine maintenance i. Records of equipment's are maintained in stock registers as specified in Purchase Process. ii. Equipment's / appliances are serviced periodically or as and when required. iii. Equipment's like measuring devices are checked / calibrated during servicing. iv. Servicing is done either by in house personnel or by external party or through annual maintenance contract (AMC) b) General**

**maintenance:** i. Maintenance of A.C. plant/ CCTV is outsourced on AMC and Auditorium, cleaning and maintenance is done by internal staff member and one person from outside. ii. Cleanliness of toilet blocks and wash room has been done by the in-house employees. iii. Fire extinguisher is outsourced since refilling of the cylinder is done once in a year. **Policy of the Library:** Acquire and make available to all students and faculty of the college such as books, journals, magazines. **Policy of the Laboratory:** Develop an appreciation of the importance of Practical knowledge. Produce scientifically literate young adults. **Policy of the Classroom:** Students and faculties have always followed the rules & regulation of college, related to classrooms as per the policies of classroom.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1198

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

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

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

19

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

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

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

2485

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

2485

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Details of student grievances including sexual harassment and ragging cases	<b>No File Uploaded</b>

## 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

**191**

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

**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**

16

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

**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**

24

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

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

7

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

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 )

Institution facilitates students' representation and engagement in various administrative, cocurricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms ) The college promotes overall development of students and builds better stake holder relationships, by encouraging student participation in various academic, social, cultural, leisure activities. For this purpose, an association of students and Alumni, work in specific cases as members. As per the Rules and regulations Under provision of section 40(2)(b) of the Maharashtra Universitiesact, 1994 and guidelines were provided by Mumbai University, College has formed the Student Council. The Detail Of The Selection Process And Constitution, Are As Follows:- 1) Interested students work right from their F.E (Second semester) for the cultural festival i.e Rhythm. 2) Candidates who are capable are suggested /elected for the interview on the basis of their pastexperiences. 3) Their knowledge and the productivity, about the particular work is taken into consideration during the selection. 4)Student council Includes: General secretary, Creative head, Vice General secretary, Academic head Treasurer, Sports Secretary, Cultural Secretary, Documentation Head, Marketing Secretary(2) Registration head Vigilance head Celebrity head Hospitality head. The various Students committees are, Student Council (RHYTHM), NSS, Sports, Women Cell, TedXACE, IEEE Techithon, SMART INDIA HACKATHON, Atharva Satellite Ground Station, GDSC, Robotics ,Innovation Cell (i-Cell), Ember Cell.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1xbzQDGNhqvZY3XL9zHwZswd-Nfmh3wyL">https://drive.google.com/drive/folders/1xbzQDGNhqvZY3XL9zHwZswd-Nfmh3wyL</a>
Upload any additional information	<a href="#">View File</a>

### 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

11

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 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 are the brand ambassadors of the Atharva group of institutions. The Alumni connect with students to encourage and motivate them to be the best version of themselves. The Alumni Association of Atharva College of Engineering created with an aim to foster, maintain and support a mutually beneficial relationship between alumni and the institution. The motto of Alumni association is to plan and coordinate the alumni reunion events and allow the alumni to express their thanks to their alma mater. The members provide the following suggestions - positive criticism of the curriculum, the teaching and learning process, and bridging the gap between industry and academia. Alumni workshops, seminars, guest lectures are often held for students to support and further the institution's quest for academic

excellence to mentor. Alumni acts as a liaison between students and current market trends and keep students updated about technological advancements and career-guiding topics. Alumni are included as members of the department advisory Board committee. They are invited to meetings at the institution, where they discuss with faculty members the overall progress of the department. Alumni meetings are held for networking, fostering social connections, and imparting knowledge to students for internship opportunities, and competitive exams.

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

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The vision of the college is to develop a sustainable ecosystem of technical education by fostering innovation, advancing research and leveraging technology with ethical and social values. The Institute continually strives to make sure that leadership and governance align with the organization's goals and objectives. Colleges offer a variety of co-curricular, extracurricular, and entrepreneurship skill development opportunities to guarantee students' holistic growth. The committees that oversee the institution's governance are the Board of Governance (BOG), College Development Committee (CDC), IQAC, Anti-Ragging Committee, Redressal and Grievance Committee, Women Development Cell, SC/ST Cell, Industry Institute Interaction Cell, and so on. Each of these committees has clearly defined responsibilities and values that align with the vision and missions of the college. Apart from the several extracurricular clubs, there are also other cultural groups devoted to Indian culture, dance, drama, magazines,

photography, music, and so on. Teachers supervising these organizations and student office bearers put in a lot of effort to get students involved in a range of talent- and skill- development activities so they can become responsible members of society.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/vision-mission/">https://atharvacoe.ac.in/vision-mission/</a>
Upload any additional information	No File Uploaded

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

The college ensures decentralization and delegates authority at different levels ensuring good governance. The Management Committee is in charge of organizing financial resources, supplying required equipment, and supervising the institution's operations and administration. The board of governors are in charge of the organization's overall governance and strategic direction. The principal plays a critical role in establishing the educational environment, supporting academic excellence, and overall development of the institute. CDC plans and executes projects that improve the college's facilities, resources, and academic offerings in cooperation with the administration, instructors, and other stakeholders.

Parent and alumni committee meetings are regular ways to engage with stakeholders and hear their opinions. The HODs have authority to assign faculty work and to establish departmental goals for the efficient management of department's administrative tasks.

The mentor-mentee interaction system is implemented in the institute to address academic and personal issues of students. The Cultural Committee, Student Council, and E-cell organize programs such as Rhythm, IEEE Techithon, etc. to bring leadership qualities of students to limelight. In addition to this, NSS plays a crucial role in ACE by instilling values of social responsibility and community service among students.

File Description	Documents
Paste link for additional information	<a href="https://docs.google.com/document/d/1vHwQ9E8rDigAP9gkhyD_bcP4iMKAkDrU/edit">https://docs.google.com/document/d/1vHwQ9E8rDigAP9gkhyD_bcP4iMKAkDrU/edit</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Atharva College of Engineering attains the pinnacle of academic excellence as it proudly receives the prestigious A+ accreditation from the National Assessment and Accreditation Council (NAAC), in accordance with the stringent criteria outlined in 6.2.1. This monumental achievement reflects the institution's unwavering commitment to providing quality education and fostering a conducive learning environment. The NAAC accreditation process is a rigorous evaluation that encompasses various facets of an educational institution, including infrastructure, faculty quality, student support services, and overall institutional performance. Atharva College of Engineering has not only met but exceeded the stringent benchmarks set by NAAC, solidifying its position as a beacon of educational brilliance. This A+ accreditation is a testament to the relentless dedication of the faculty, the visionary leadership, and the collective efforts of the entire Atharva community. It signifies not only academic prowess but also a holistic approach towards nurturing well-rounded individuals ready to face the challenges of the dynamic professional landscape. As the institution continues to uphold its commitment to excellence, the A+ NAAC accreditation serves as a symbol of recognition and a source of inspiration for aspiring engineers and academic institutions alike.

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

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

The organizational structure of Atharva College of Engineering is meticulously designed to ensure effective governance, collaboration, and seamless operations. At the apex of the hierarchy is the President of Atharva Educational Trust (AET), a visionary leader steering the institution towards academic excellence and overall development. The Secretary of AET plays a crucial role in managing administrative affairs and maintaining a cohesive link between the leadership and other stakeholders. The Principal of Atharva College of Engineering serves as the academic head, overseeing the educational programs and ensuring the institutions adherence to high standards of teaching and research. Working closely with the Principal are the Vice Principals, contributing to the strategic planning and implementation of academic initiatives. The Registrar is responsible for maintaining student records and facilitating smooth administrative processes. The Heads of Departments (HODs) lead their respective academic disciplines, while the Librarian manages the vast repository of knowledge, ensuring students and faculty have access to valuable resources. The Training and Placement Officer facilitates industry collaborations and enhances students; employability. The Research and Development In-charge (R&D I/C) spearheads innovative projects, fostering a culture of continuous learning, and the Exam In-charge ensures the integrity and efficiency of the examination system.

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

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

**B. Any 3 of the above**

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

### 6.3 - Faculty Empowerment Strategies

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

The institute supports fair and well-structured pay with additional benefits like health insurance, provident funds, hosts workshops, seminars, conferences, paper presentations in India and overseas..The institute provides staff employees with opportunities for research and publishing. Faculty members participate in training programmes (STTP, FDP), coffee-table conferences, and panel discussions held at various institutions. The faculties are encouraged to foster a healthy environment by the counselor. The Women Development Cell was established to provide spaces for its female members to thrive and advance. The institution offers its teaching and non-teaching personnel a variety of leave options, including sick leave, maternity leave, and casual leave. Every year, class IV employees receive uniforms. The workshop personnel receive an apron, shoes, and uniforms. The management makes sure that all of the festivals are celebrated jointly because the campus of the college has a cosmopolitan atmosphere. The institution arranges training to improve the talents and multitasking abilities of non-teaching personnel and encourage them to improve their educational qualification. Sufficient food centers have been created on and around the campus. Staff members have access to free Wi-Fi and internet services on campus. The implementation of an appraisal system includes an annual assessment of staff member's overall performance.

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

### 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	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 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

14

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

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

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

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

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

**Performance: Review & Annual Appraisal System** Employees performance shall be reviewed using Appraisal system.. This Annual Appraisal also coincides with Increments as per eligibility. Employees are eligible for increment subject to his/her performance. Increment: Atharva College Of Engineering follows Annual Increment Cycle i.e. once in a year. Increment is released subject to Management decision. Promotion: ? Research accomplishment at international standards of excellence ? Consistent excellence in classroom and laboratory teaching ? Contribution to curriculum, course development, innovation in pedagogy etc ? Award of external competitive research grants. ? Awards/fellowships/elected memberships of professional bodies ? Review of the annual appraisal report ? Invited talks in national and international research conferences/symposia/workshops ? Professional activities ? Collaborations within/outside the country ? Required qualifications & experiences for the said post according to the AICTE & Mumbai University norms from time to time. ? High performance level ? Excellence in Teaching and Learning ? Research and Publications ? Devotion towards imparting duties and responsibilities ? Achievement and Higher Qualification ? Excellence in Outcome Based education and Implementation of best practices in respective domain. If staff member applied for Promotion to the Management then this proposal may be discussed and considered in the management Committee

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

## 6.4 - Financial Management and Resource Mobilization

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

Atharva College of Engineering regularly conducts internal and external financial audits. The accounts are regularly audited by the college's internal and external auditors. Internal Audit is carried by the Internal Audit Department. The accounts of the College are audited regularly as per the Government rules .The internal auditor checks receipts with fee receipts and payments with vouchers and the necessary supporting documents. He/She also ensures that all payments are duly authorized. The External audit is carried out by C.A. firm S.K. Shetty & CO. in accordance with the Accounting Standards governed by Institute of Chartered Accountants of India every year. The Statutory Auditor conducts an audit after completion of the financial year. The report of the Statutory Auditor for the year 2023-24 along with the audited Balance Sheet and Income and Expenditure account is enclosed. The last Statutory Audit was completed for the session 2023-24. Audit work for the sessions 2023-24, 2022-2023, 2021-22, 2020-21, 2019-20, 2018-19, 2017-18, 2016-17 was also conducted by the same Auditor. According to the Audit report the Balance Sheets, Statements of Income and Expenditure comply with the Accounting standards, generally accepted in India.

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

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

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

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Atharva College of Engineering is a self-financed institute having student's tuition fee as the major source of income. ? Before the financial year begins, in consultation with the Principal, Heads of Departments prepare and submit the departmental budget based on the requirements, such as upgradation and maintenance of labs, furniture and other development Expenses. ? The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary and other maintenance costs. ? The budget is scrutinized and approved by the BoG in consultation with the accounts and purchase department. ? Statutory auditors are appointed who certify the financial statements in every financial year. ? A finance committee monitors the optimum utilization of funds for various recurring and non- recurring expenses. ? The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. ? The quotations are scrutinized by the finance and purchase committee before a final decision based on parameters like pricing, quality, terms of service, etc. ? The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. ? The college promotes research, development and other activities, involving the faculty at various levels. ? Traveling grants are made available for faculty members to attend Conferences.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1Z1ROqi3Sc-RPiDOxxW70fSx1dHdPX080/view?usp=sharing">https://drive.google.com/file/d/1Z1ROqi3Sc-RPiDOxxW70fSx1dHdPX080/view?usp=sharing</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The Institutional Quality Assurance Cell (IQAC) plays a pivotal role in driving purposeful and sustained enhancements across the institution's overall performance post-accreditation. It serves as the foundation for ensuring continual improvement in all institutional functions, aiming to uphold quality standards that reassure stakeholders such as parents, educators, employers, and society at large. Key objectives include fostering best practices in institutional operations, documenting initiatives that contribute to quality enhancement, and facilitating stakeholder feedback mechanisms. IQAC functions encompass establishing and enforcing quality benchmarks for academic and administrative activities, organizing workshops and lectures on pertinent quality-related topics, and overseeing the preparation of the Annual Quality Assurance Report (AQAR) for accreditation bodies. Strategic initiatives focus on timely completion of tasks, enhancement of educational and research standards, equitable access to academic programs, adoption of contemporary teaching methodologies, and robust evaluation practices. The IQAC's impactful projects like TECHITHON and AIIR illustrate its commitment to institutionalizing quality assurance through innovative platforms and advanced technological resources that promote collaborative learning and creative exploration among students. These initiatives aim to align institutional practices with evolving educational needs and technological advancements.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/iqac-committee/">https://atharvacoe.ac.in/iqac-committee/</a>
Upload any additional information	<a href="#">View File</a>

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

The periodic evaluation of teaching, learning, and operational methods is crucial for maintaining educational quality. The Internal Quality Assurance Cell continuously reviews and takes steps to improve the quality of teaching-learning process. Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. IQAC oversees quality

assurance processes to uphold educational standards by monitoring departmental performance and implementing improvement strategies. IQAC focuses on faculty development through programs aimed at enhancing teaching skills and adopting modern pedagogical techniques. It also supports students with mentoring and resources to foster academic and professional success. IQAC works towards accreditation and higher rankings, attracting top-tier faculty and students. Over the past years, our institution has achieved notable advancements: ? Integration of new technologies and use of smart classrooms. ? Expansion of infrastructure to support growing research needs. ? Active participation in initiatives like Smart India Hackathon and organized hackathons. ? Rigorous analysis of faculty feedback to refine teaching methods. ? Implementation of innovative pedagogical approaches. These efforts, coupled with expanded student support services, sponsored events, alumni collaborations, and industry interactions, reflect our commitment to continuous improvement. Such initiatives aim to bolster educational quality, student preparedness, and institutional competitiveness in the evolving landscape of higher education.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/notices-2/">https://atharvacoe.ac.in/notices-2/</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://docs.google.com/document/d/1YVFzVFgegk51vgcaHAHoEFud4siC6myY/edit">https://docs.google.com/document/d/1YVFzVFgegk51vgcaHAHoEFud4siC6myY/edit</a>
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

Atharva College of Engineering responds with great support to gender equity and justice to all groups of society. The institute provides equal opportunities to both the genders in all types of portfolios. The institute has established a Women Development Cell and Internal Complaint Committee for addressing several important purposes like gender equality, empowerment, safety and security. The campus is under surveillance 24X7 continuously by security officers (including female security personnel). The entire campus is under CCTV monitoring including each floor, with a focus on protecting the safety of students, faculty members, and staff. The institute has also established committees like Redressal of Grievance, Anti-ragging- Committee, SC/ST Committee, etc., for handling various issues concerning students and staff of all genders. Institute has a well established NSS wing which helps in developing discipline, professional skills and patriotic fervor in both genders. Girl's and Boy's common rooms with all facilities are available. The Ladies washrooms are facilitated with 'Sanitary Napkins Vending Machine' on the ground and third floor. Divyangjan (differently abled person) washrooms for both genders are available in the college building. Atharva College of Engineering in collaboration with Atharva Foundation has been working continuously for upliftment of women with initiatives like Women Achievers Award.

File Description	Documents
Annual gender sensitization action plan	<a href="https://atharvacoe.ac.in/wp-content/uploads/7.1.1-Detail.pdf">https://atharvacoe.ac.in/wp-content/uploads/7.1.1-Detail.pdf</a>
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	Nil

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**E-Waste Management** The e-waste generated in the form of workable computer peripherals, are again repaired and donated to rural areas of Ratnagiri. Obsolete monitor , printers, keyboard , mouse and other equipment discarded by college , are sold as scrap to e-waste vendor. Solid waste management A gardener and full-time adequate support staff are appointed for the maintenance of litter free clean and Green Campus. Solid waste is segregated as bio degradable and non-degradable and handed over to Municipal Corporation. All Departments and classrooms are provided with dustbins for dry wastage disposal. Digital storage of documents, WhatsApp-class wise groups, Department wise groups,etc. facilitate E-communication and use of public address systems reducing usage of paper in notices and circulars. The institution mandates all the students - to avoid carrying non-bio-degradable plastic items to the institution, which includes plastic bags, cups, plates, straws and sachets. Liquid waste management College has rain water harvesting pits, which function efficiently during the rainy

season. It is made mandatory to clean and disinfect water holding tanks at least monthly once or more often, if required. Waste recycling system Institute has a sewage treatment plan and composting machine for recycling waste material.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	Nil
Any other relevant information	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus** B. Any 3 of the above

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

**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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**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**

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

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

ACE Engineering College fosters an inclusive environment, welcoming students from diverse cultural, regional, and socio-economic backgrounds. Admission policies, aligned with DTE government quotas, ensure fair opportunities for regional students. ACE celebrates various festivals like Diwali, Ganeshotsav, and Christmas with enthusiasm, reflecting its commitment to cultural diversity.

Through the Atharva Foundation, ACE supports educational initiatives like laptop donations to daughters of martyred soldiers and mentoring for higher education. The institution also honors soldiers through patriotic programs, sharing untold stories narrated by renowned personalities.

To further student development, ACE offers spoken English and personality development courses during semester breaks. The college also celebrates Kargil Vijay Diwas on 26th July to honor the victory of soldiers.

ACE provides platforms like the Rhythm cultural programs, allowing students to showcase their talents while embracing cultural diversity. Additionally, a book bank is available for SC/ST/OBC students needing extra support in English, Maths, and Computer Science. Through these efforts, ACE instills values of inclusion, respect, and empowerment, making students active participants in building a more inclusive society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Atharva College of Engineering (ACE) is dedicated to shaping students into constitutionally aware citizens, with a strong emphasis on their Fundamental Rights and Duties. The institution integrates this education through various departmental and

National Service Scheme (NSS) activities. The NSS unit is particularly focused on instilling a sense of patriotic commitment and contributing to national development. As part of this, the National Cadet Corps (NCC) selects Campus Ambassadors who actively participate in Republic Day and Independence Day celebrations, fostering a deep sense of national pride and engagement.

ACE's NSS unit engages students in a wide array of community service initiatives, including street plays to raise social awareness, traffic policing to enhance road safety, and regular cleanliness drives to promote hygiene and public health. In particular, the college ardently supports the Swachh Bharat Abhiyan through events such as Swachhta Pakhwada and has initiated anti-plastic and recycling campaigns to further its environmental goals. In alignment with the Government of India's resolution to ban single-use plastics, ACE has implemented a comprehensive plastic-free policy across its campus. This ban encompasses all campus activities and entities. Additionally, NSS and the Green Society organize collection drives for newspapers and posters, further reinforcing ACE's commitment to environmental sustainability and active community involvement.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

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

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

ACE commemorates a number of significant national and international events to offer students engaging and interactive lessons on India's rich history, traditions, and customs. The college celebrates India's Independence Day with the singing of the National Anthem, followed by a variety of cultural performances. Republic Day is observed with an array of programs that highlight the significance of the occasion. On October 2nd, Mahatma Gandhi's birth anniversary is honored through events organized by the NSS and others, which also include activities like the Swachh Bharat Abhiyan. Dr. Sarvepalli Radhakrishnan's birth anniversary on September 5th is celebrated at both departmental and college levels with special programs. Engineer's Day, on September 15th, marking Sir M Visvesvaraya's birth anniversary, features various technical activities and competitions. National Unity Day, on October 31st, commemorates Sardar Vallabhbhai Patel's birthday with activities such as the Run for Unity and the Unity Pledge. The Peace Society also organizes motivational events on January 12th, celebrating Swami Vivekananda's birthday, observed as National Youth Day. International Yoga Day on June 21st, recognized by the UN in 2014, is celebrated with events promoting physical and mental well-being. ACE also celebrates Indian festivals like Diwali, Ganeshotsav, Navratri, and Christmas, and honors Kargil Vijay Diwas on July 26th.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	<a href="#">View File</a>
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.

1. Title of the Practice: AIIR (Atharva's iLab, iMac and Robotics).  
 2. Objectives of the Practice: Facilitating students to promote their inventive robotics and technical expertise. 3. The Context: Atharva's iLab, iMac Lab, and Robotics-AIIR are crucial for accessing advanced technology and innovative solutions.

4. The Practice Atharva Robotics Center imparts practical experience with KUKA KR 16-2 C4 Robots, while iMac Lab and iLab train students in cloud computing, multimedia, and innovative technologies. 5. Evidence of Success Students excelled in ROBOCON, Flipkart Grid 3.0 & 4.0, and Smart India Hackathon, 6. Problems Encountered and Resources Required 1. Effective guidance and motivation ensure student engagement and attentiveness. 2. Optimal budget utilization maximizes available benefits.

1. Title of the Practice "Green Horizons"; Atharva Tree Plantation initiative. 2. Objectives of the Practice The initiative enhances sustainability, ecological balance, and community green engagement.

3. The Context The institute's tree plantation withstands climate change, enhances air quality, beautifies nature, and engages community. 4. The Practice At Sanjay Gandhi National Park, Borivali, students and staff engaged in activities like sapling-plantation, care instructions and weekly monitoring. 5. Evidence of Success Success is marked by increased green cover, thriving saplings, improved aesthetics, and active student and staff participation, demonstrating commitment to sustainability. 6. Problems Encountered and Resources Required Challenges include poor soil, pests, maintenance issues, weather unpredictability, and limited community involvement affecting success.

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

### 7.3 - Institutional Distinctiveness

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

Atharva College of Engineering focuses on blending technology with education to prepare students for the industry. The college has High-tech labs like Robotics Lab, Atharva Ground Station, iMac Lab, iLab, Virtual Lab, and NPTEL MOOCS courses. The Robotics Training Centre is one of the first in Maharashtra and the second in India among private engineering colleges. The Atharva's Ground Station team successfully set up a receiving station for IIT Bombay's PRATHAM satellite. The iMac Lab supports digital creativity, while the iLAB provides a platform for exploring new ideas. Atharva College students actively participate in intercollege and national hackathons. The college focuses on skill development through seminars, workshops, and industrial interactions and visits. Collectively all these initiatives makes Atharva College a leader in fostering professional growth in students The college focuses on faculty development by offering a range of opportunities such as STTPs and certification courses from platforms like NPTEL, MOOCS, Coursera, and UHV. Faculty members are encouraged for higher studies, research activities and to participate in conferences, seminars, symposiums etc. This helps faculty to grow professionally and deliver high-quality education.

## 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

Atharva College of Engineering is affiliated to the University of Mumbai (UoM), is committed to providing a comprehensive educational experience through a well-structured curriculum. Each academic year, the Principal, Vice Principals, HoDs, and student council members collaboratively create an academic calendar aligned with UoM guidelines, ensuring smooth communication and coordination. ACE prioritizes time management by preparing detailed class timetables, displayed in departments and online. Faculty members develop lesson plans, reviewed by the Program Assessment Committee, to ensure structured and effective curriculum delivery that fosters an optimal learning environment. The institution maintains high academic standards through continuous assessment methods, including assignments, quizzes, presentations, internal assessments, to monitor student progress and identify both slow and advanced learners. The Internal Quality Assurance Cell (IQAC) sets benchmarks and supports faculty development. The college library plays a key role by providing access to books, journals, and digital resources via DELNET. ACE employs learner-centric techniques like bridge courses, MOOCs, and NPTEL lectures and regularly organizes workshops, seminars, guest lectures, and faculty development programs to impart industry-relevant skills. To enhance practical learning, ACE encourages internships, projects, and industrial visits. Additionally, the college fosters holistic student development by promoting active participation in sports, cultural events, and technical competitions.

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

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

Being a part of University of Mumbai (UoM), ACE adheres to the academic calendar issued by the university while also crafting its own calendar, which is shared on the institute's website. The principal ensures the smooth execution of planned activities through regular meetings with teaching and non-teaching staff. Throughout the semester, continuous assessment is conducted to measure each Course Outcome (CO) through various tools like assignments, tests, presentations, quizzes, vivas, and group projects, considering the overall learning pace of students. Laboratory sessions are integrated with regular assessments, and constructive feedback from teachers and mentors helps students improve continuously. Projects, fieldwork, industrial visits, and excursions are also organized as part of the Continuous Internal Evaluation (CIE). The institute emphasizes innovative learning methodologies and supports a wide range of sports and cultural activities. The mentor-mentee model provides additional academic guidance, fostering overall student development. The Exam Section oversees examinations in line with university norms, setting internal assessment dates and offering remedial lectures for slow learners. Answer sheets are reviewed in class to address grievances, ensuring transparency. The institute's focus is on transformative education, ensuring accessibility, comprehensibility, and transparency in all processes.

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

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

**A. All of the above**

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

## 1.2 - Academic Flexibility

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

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

6

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

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

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

7

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

1379

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

1379	
File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>
<b>1.3 - Curriculum Enrichment</b>	
1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	
<p>Atharva College of Engineering (ACE) is dedicated to holistic student development, emphasizing values such as compassion and societal commitment. The college;s student societies , student council and NSS atharva actively organized socially relevant events, including like Swachhata Abhiyan, Unnat Bharat Abhiyan, tree plantation drives, Electoral Literacy club, Flag Pickup and awareness rally and street plays. The curriculum features courses on Professional Ethics, Gender Equality, and Sustainability, along with subjects like Cyber Security and Disaster Management, Professional Communication and Ethics I and II aimed at developing interpersonal skills. The Student Induction Program each year covers human values, professional ethics, and physical wellness, and faculty members complete UHV training to reinforce these values. In February 2024, ACE hosted an International Conference on "Science, Technology, Engineering, and Mathematics for Sustainable Development," where students and faculty presented research and engaged in global discussions. The college also encourages participation in technical festivals such as IEEE TECHITHON, competitions like SMART INDIA HACKATHON, ROBOCON, Flipkart Grid, National Innovation, Avishkar Contest and various cultural and sports events. Partnering with the Atharva Foundation, ACE supports educational initiatives for martyr's daughters and underprivileged communities. Additionally, the Institution Innovation Cell (IIC) fosters an entrepreneurial spirit and drives innovation among students.</p>	

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	<a href="#">View File</a>

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

25

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

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

308

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

<b>1.4 - Feedback System</b>	
<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
<b>File Description</b>	<b>Documents</b>
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>
<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
<b>File Description</b>	<b>Documents</b>
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://atharvacoe.ac.in/feedback-system/">https://atharvacoe.ac.in/feedback-system/</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of sanctioned seats during the year</b>	
<b>1968</b>	
<b>File Description</b>	<b>Documents</b>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC,</b>	

**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**

873

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

The institution employs diagnostic assessments to identify specific areas where students may need additional support, ensuring that each learner receives the appropriate resources and guidance to improve their academic performance. The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners. For advanced learners, the institution offers enrichment programs that include advanced coursework such as NPTEL, SWAYAM ,MOOCs, virtual lectures classroom, research opportunities, and extracurricular activities such as AET IEEE Techithon, E-yantra, Hackathon that challenge and stimulate intellectual curiosity. Institute provides the opportunity for internships to give an exposure to the industry work-culture. These programs aim to deepen their knowledge, encourage critical thinking, and provide leadership opportunities.

Conversely, slow learners benefit from targeted support programs designed to address their unique learning needs. These include personalized tutoring(Mentoring) , Test/Retest, structured interventions like interaction during lectures, remedial classes, Internal-viva, counseling, worksheets & assignment to help bridge gaps in understanding. By providing these differentiated learning opportunities, the institution ensures that all students, regardless of their starting point, can achieve their full potential and succeed academically. This holistic approach underscores the institution's dedication to inclusive education and the development of every student's unique abilities.

File Description	Documents
Link for additional Information	<a href="https://atharvacoe.ac.in/nptel/">https://atharvacoe.ac.in/nptel/</a> , <a href="https://atharvacoe.ac.in/techithon-2019/">https://atharvacoe.ac.in/techithon-2019/</a> , <a href="https://atharvacoe.ac.in/e-yantra/">https://atharvacoe.ac.in/e-yantra/</a> , <a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a> , <a href="https://atharvacoe.ac.in/courses/information-technology/">https://atharvacoe.ac.in/courses/information-technology/</a> .
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2213	108

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

### 2.3 - Teaching- Learning Process

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

**Experiential Learning:** ? Experiential Learning is the process of learning by doing. By engaging students in hands- on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations. ? Add-On courses like MOOC, NPTEL, and Spoken tutorial provide an affordable and flexible way to learn new skills and deliver quality educationalexperiences at scale.

**Participative Learning:** ? Participative learning techniques like tech fests, annual day, IEEE conferences, and cultural events help students gain confidence and overcome stage fatigue. ? Workshops, Presentations are held on a monthly basis which exposes them to the new era of technologies and keeps them updated to work with the same in a real environment.

**Problem Solving:** ? Engaging students in problem solving activities develops their ability to analyze situations, identify key issues, generate creative solutions, and evaluate their effectiveness. ? Hackathons, R&D project competitions are organized with the view to boost the morale of students by encouraging and motivating them to participate in and get acquainted within the working industrial environment.

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

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

The institute uses Information and Communication Technology (ICT) in education to support and optimize the delivery of education. ICT Tools: ?  
 Projectors/Desktop/Laptops/Printers/Photocopier ?  
 Machines/Scanners are available in different classrooms/labs and campus. ? Two seminar halls are equipped with all digital facilities. ? Six Smart classrooms with smart boards using optical devices. ? Online Classes- Zoom, Google Meet/ Google Classroom. ? MOOC Platform- NPTEL, Coursera, Digital Library resources, Spoken Tutorials, Vlab Use of ICT by Faculty: Google classroom and Google meet is used to manage course-related learning material, quizzes, lab submissions and evaluations. ? Virtual labs are used to conduct labs through simulations. ? Online drawing tools like concept maps, mind maps are used for activities. ? The PPTs are enabled with animations and simulations to improve the teaching-learning process. ? Media lab facility used to create video lectures and upload them as extra learning resources ? IIT Virtual lab(SQL Lab) used for creating multiple students accounts. ? Industry Connect- Guest lectures, expert-talks, and various competitions are organized. . ? I MAC, ILAB, ICELL , ROBOTICS training is provided for upgradation and knowledge gain.

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

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

**2.3.3.1 - Number of mentors**

77

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

108

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

### 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

18

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

**2.4.3.1 - Total experience of full-time teachers**

618

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

**2.5 - Evaluation Process and Reforms**

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

At the beginning of the semester, the subject-teacher plans the measuring tools for each CO. Different tools such as internal assessment, practical tests, vivas, Group Project activity, Presentations, Group Discussion or quiz are planned and students are informed accordingly through the teaching plan. During the lab session, a list of experiments along with assignments are performed and are evaluated by the subject teacher on a regular basis which helps them for continuous evaluation of students and measure the outcome. Based on the evaluation, the faculty then conducts additional lab sessions for the students. The evaluation of term work is done on a continuous basis by the subject teacher. The Exam section is responsible for smooth conduction of exams. The institute adheres to the university norms and guidelines for conducting all the exams. The Institute academic calendar indicates the dates of internal assessment (IA). As per the University guidelines, two internal assessments are to be conducted and an average of two tests will be contributing to theory marks of the end semester examination. The slow learners are identified based on their performance and in addition to the regular assignment and test, remedial lectures are conducted.

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

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

After the declaration of the result of the internal assessment, answer sheets are shown to the students and the solution is discussed in class by the subject teacher. In case of any grievance, students can approach the subject teacher and it is sorted out within a day. End semester examination for second and third year is conducted by the institute on behalf of University of Mumbai whereas first and final year exams are conducted by the university. After Examination and Result declaration, if any student is not satisfied with the marks awarded and if they wish to apply for the Revaluation process, they will approach the exam department within the given period of time and apply for revaluation of the paper as per guidelines given by University of Mumbai. After revaluation of the applied answer sheet, the marks awarded to the student will be final marks granted in that subject. Re-revaluation is done if the difference in first and second evaluation is more than 20 marks. If the student is still not satisfied with the marks awarded after re-revaluation, he/she may go for the challenge evaluation by taking approval from the Vice-Chancellor and the marks obtained will be considered as final marks awarded to the student.

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

## 2.6 - Student Performance and Learning Outcomes

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

Program Outcomes are broad statements that describe the professional accomplishments, these are to be attained by the students by the time they complete the program. Program specific outcomes are the specific skill requirements and accomplishments to be fulfilled by the students at micro level and describe what the graduates of a specific engineering program should be able to do. Programme Education Outcome are achieved through CO-PO mapping. Course outcomes are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. The syllabus of each course is available on a college website where CO's of each course are stated. All the faculty

members discuss CO's of their respective subjects in the classroom, and in the induction program. Programme Educational Objectives Programme Outcomes are published on the college website <http://www.atharvacoe.ac.in/>, Department notice boards, Laboratories and also discussed in meetings with employers, induction programs, faculty meetings, parent teacher meeting and alumni meeting. As students regularly check the notice boards of department/laboratory, POs are displayed on notice boards. Awareness of the respective course CO is conducted, faculty meetings, parent teacher meetings and alumni meetings.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

Attainment of Programme outcomes and course outcomes are evaluated by the institution. It is the action of achieving the standard results towards accomplishment of desired goals. Course Outcome(CO) attainment is calculated by Direct and Indirect tools. Direct tools weightage is 80% while Indirect tools weightage is 20%. Direct tools include Internal Assessment (IA-1 and IA-2), where the respective subject in-charge covers all the CO's specified in the syllabus by University of Mumbai. Calculation of CO Attainment is based on calculating the maximum marks of each CO allotted in IA-1 and IA-2. End semester examination is conducted by University of Mumbai for which respective faculty member covers the mentioned CO's given in the syllabus. Indirect assessment is based on the feedback given by the students on the Course outcomes known as Course Exit Survey and Faculty assesses Students through Assignments. PO and PSO Attainment: Program outcomes attained through the attainment of COs. For a given course, all COs are mapped to certain POs. The overall CO attainment value as computed and the CO-PO mapping values as specified in the Level Description above is used to compute the attainment of PO's and PSO's.

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

### 2.6.3 - Pass percentage of Students during the year

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

473

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

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

[https://www.atharvacoe.ac.in/wp-content/uploads/Student%20 Satisfaction Survey 2023-2024.pdf](https://www.atharvacoe.ac.in/wp-content/uploads/Student%20Satisfaction%20Survey%202023-2024.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

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

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

612500

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

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

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

2

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

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

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

65

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

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

101

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

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

83

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

**3.3 - Extension Activities**

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

Atharva College of Engineering has strong NSS wing .NSS actively addressed several societal issues,focusing on the environment, cleanliness, plastic waste management.NSS carriedout a range of impactful initiatives.To promote holistic development, students at Atharva College of Engineering are encouragedto engage in extension activities aligning with the institution's Vision and Mission. Throughagencies like NSS and Atharva Foundation, students participate in activities fostering social responsibility and environmental awareness. The active NSS unit conducts drives on waste management, anti-plastic movements, andcleanliness under Swachh Bharat, tree

plantation, Mango Seed collection, Yoga Day, Ecobricks Making, - 1 In collaboration with Atharva Foundation, ; Seed Modhak Project promotes eco-friendly festivals by offering plantable modaks. Additionally, guest lectures and awareness drives on issues like gender equality, drug abuse, and cybercrimes are organized. Some students also participate in the NCC wing, engaging in various social and patriotic activities. Atharva College of Engineering annually expresses gratitude to police officers and non-teaching staff for their invaluable contributions. This gesture of appreciation acknowledges their hard work and commitment, fostering a spirit of respect and community within the college. The annual cultural festival Rhythm begins with a marathon to raise social awareness, involving staff, students, and local residents.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/nss/">https://atharvacoe.ac.in/nss/</a>
Upload any additional information	<a href="#">View File</a>

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

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

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

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

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

23

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

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

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

310

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

### 3.4 - Collaboration

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

308

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

17

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Atharva college has well-appointed and spacious classrooms, tutorial rooms, department rooms, Robotic Center, iMac Lab, Satellite Ground Station, Virtual Classrooms and Innovation lab (iLAB). The classrooms are equipped with projectors so that ICT can be used for strengthening academic discourse. Atharva College of Engineering has set up an Industrial Robotics Training Center for Educational Institutions at ACE. ACE's Robotics Training Center is India's Second & Maharashtra's First Industrial Robotics Training Center amongst Private Engineering Colleges. Atharva college of Engineering has set up a state of the art iMac Lab consisting of 20 iMacs, an iPad and an Apple TV. The lab aims to equip the young graduates in various domains that drive the digital world like mobile computing, multimedia, cloud computing etc. Atharva Satellite Ground Station was established in 2008 as a part of IIT Bombay's first student Satellite "PRATHAM". Atharva has a World class Auditorium. Academic events like conferences, seminars, talks etc. and student activities are hosted in the auditorium. The Library and reading room is spacious, well ventilated and with ample natural light. It has a seating capacity of 150. The library has a membership of INDEST - AICTE Consortium for

**International e-journals.**

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

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

The college offers resourceful infrastructure for holistic growth of students. It provides adequate facilities for cultural activities, indoor and outdoor sports. A spacious air-conditioned state of the art infrastructure Auditorium, Common Room and Multi-Purpose Hall are available for the students to organize and participate in co curricular, recreational and cultural activities. The hall has an air conditioning system. There is a generator for power back-up and the firefighting system is in place. The outdoor and indoor sports facilities for different games are available. Spacious place for Meditation and Yoga is available on the first floor of the third phase. A well-equipped gym & Swimming Pool are available for students and staff The well maintained gym comprises multigym (12 stations), smith machine, breacher curls, arm machines, bench press, flat benches, bars, dumb-bells, plates, dip stands and many other modern exercise equipment. Atharva provides swimming pool facilities to students and staff. In phase 2 there is lavish swimming pool of 54.5 \* 28.4\* 6 cube feet with the capacity of 2-3 lac litre water. Approximately 50 students swim every day. T. Pool water is very neat and clean. It is filtered by chlorine twice a day.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://atharvacoe.ac.in/sports/">https://atharvacoe.ac.in/sports/</a>

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

10

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

24

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

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

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

2,32,02,927.00

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

#### 4.2 - Library as a Learning Resource

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

The Library is located on the second floor & fourth floor Phase-I building. The reading room is spacious, well ventilated and with ample natural light. It has a seating capacity of 150. The library has a membership of IIT central library. The library subscribes to IEEE online Users get full access to 331 international journals, 2491 standards, 9717 conference proceedings, E-books 7764 and DELNET online Users get access e-Newspaper 145, 5000+ full text E-journals and 14000 E-Journals, 1,00,000 E-Books. Also membership of the National Digital Library. The Library has won books collection 34,434, National journal 57, Technical Magazines 16, Magazines 4.

The Library is provided by the Social welfare office Book bankbooks and Department of Students Development, University of Mumbai

? Name of ILS software : KOHA ? Nature of automation (fully or partially) : Fully ? Version : 21.05.10.000 ? Year of Automation : 2022

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://atharvacoe.ac.in/library/">https://atharvacoe.ac.in/library/</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

1,402,272

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

**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**

120

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

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Atharva college of Engineering IT infrastructure complies with all legal criteria and specifications. The infrastructure at the institute is kept up well with internet access. The Computer systems are running on licensed operating systems and necessary software. For internet connectivity, the institute's PCs are all LAN-connected. Additionally, Wi-Fi access points are established in visible locations, providing staff and students with easy access to the internet. At regular periods, servers and computers are maintained, updated, upgraded, and replaced. Network switches, printers, and other IT equipment are regularly updated and replaced. There are ICT amenities in lecture rooms and classrooms. In terms of safety and security, the institute is covered under CCTV surveillance. Atharva college of Engineering has 654 Desktops/Workstations for students. The college uses Lenovo, Dell and HP workstations. Updating of systems has to be done every year as per the requirements. Computer Labs have an adequate number of desktops, maintaining a student to computer ratio of 3.07. The College has high configuration servers to allow fast transmission of data to the various computers. The bandwidth for internet connection is provided by Airtel and has been updated every year. The bandwidth for internet connection for A.Y. 2023-24 was updated to 400mbps.

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

<b>4.3.2 - Number of Computers</b>	
654	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>
<b>4.3.3 - Bandwidth of internet connection in the Institution</b>	<b>A. ? 50MBPS</b>
File Description	Documents
Upload any additional Information	<b>No File Uploaded</b>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>
<b>4.4 - Maintenance of Campus Infrastructure</b>	
<b>4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)</b>	
<b>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)</b>	
4,43,13,085.00	
File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<b>Maintenance of Resources: a) Equipment and machine maintenance i. Records of equipment's are maintained in stock registers as</b>	

specified in Purchase Process. ii. Equipment's / appliances are serviced periodically or as and when required. iii. Equipment's like measuring devices are checked / calibrated during servicing. iv. Servicing is done either by in house personnel or by external party or through annual maintenance contract (AMC) b) General maintenance: i. Maintenance of A.C. plant/ CCTV is outsourced on AMC and Auditorium, cleaning and maintenance is done by internal staff member and one person from outside. ii. Cleanliness of toilet blocks and wash room has been done by the in-house employees. iii. Fire extinguisher is outsourced since refilling of the cylinder is done once in a year. Policy of the Library: Acquire and make available to all students and faculty of the college such as books, journals, magazines. Policy of the Laboratory: Develop an appreciation of the importance of Practical knowledge. Produce scientifically literate young adults. Policy of the Classroom: Students and faculties have always followed the rules & regulation of college, related to classrooms as per the policies of classroom.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1198

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

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

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

19

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

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

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
2485	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
2485	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>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</b>	<b>A. All of the above</b>
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Details of student grievances including sexual harassment and ragging cases	<b>No File Uploaded</b>
<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of placement of outgoing students during the year</b>	
<b>5.2.1.1 - Number of outgoing students placed during the year</b>	

<b>191</b>	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>5.2.2 - Number of students progressing to higher education during the year</b>	
<b>5.2.2.1 - Number of outgoing student progression to higher education</b>	
<b>16</b>	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>
<b>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)</b>	
<b>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</b>	
<b>24</b>	
File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.3 - Student Participation and Activities</b>	
<b>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</b>	
<b>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.</b>	

7

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

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 )

Institution facilitates students' representation and engagement in various administrative, cocurricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms ) The college promotes overall development of students and builds better stake holder relationships, by encouraging student participation in various academic, social, cultural, leisure activities. For this purpose, an association of students and Alumni, work in specific cases as members. As per the Rules and regulations Under provision of section 40(2)(b) of the Maharashtra Universitiesact, 1994 and guidelines were provided by Mumbai University, College has formed the Student Council. The Detail Of The Selection Process And Constitution, Are As Follows:- 1) Interested students work right from their F.E (Second semester) for the cultural festival i.e Rhythm. 2) Candidates who are capable are suggested /elected for the interview on the basis of their pastexperiences. 3) Their knowledge and the productivity, about the particular work is taken into consideration during the selection. 4)Student council Includes: General secretary, Creative head, Vice General secretary, Academic head Treasurer, Sports Secretary, Cultural Secretary,Documentation Head,Marketing Secretary(2) Registration head Vigilance head Celebrity head Hospitality head. The various Students committees are, Student Council (RHYTHM), NSS, Sports, Women Cell, TedXACE, IEEE Techithon, SMART INDIA HACKATHON, Atharva Satellite Ground Station, GDSC,Robotics ,Innovation Cell (i-Cell), Ember Cell.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1xbzQDGNhqvZY3XL9zHwZswd-Nfmh3wyL">https://drive.google.com/drive/folders/1xbzQDGNhqvZY3XL9zHwZswd-Nfmh3wyL</a>
Upload any additional information	<a href="#">View File</a>

### 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

11

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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 are the brand ambassadors of the Atharva group of institutions. The Alumni connect with students to encourage and motivate them to be the best version of themselves. The Alumni Association of Atharva College of Engineering created with an aim to foster, maintain and support a mutually beneficial relationship between alumni and the institution. The motto of Alumni association is to plan and coordinate the alumni reunion events and allow the alumni to express their thanks to their alma mater. The members provide the following suggestions - positive criticism of the curriculum, the teaching and learning process, and bridging the gap between industry and academia. Alumni workshops, seminars, guest lectures are often held for students to support and further the institution's quest for

academic excellence to mentor. Alumni acts as a liaison between students and current market trends and keep students updated about technological advancements and career-guiding topics. Alumni are included as members of the department advisory Board committee. They are invited to meetings at the institution, where they discuss with faculty members the overall progress of the department. Alumni meetings are held for networking, fostering social connections, and imparting knowledge to students for internship opportunities, and competitive exams.

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

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The vision of the college is to develop a sustainable ecosystem of technical education by fostering innovation, advancing research and leveraging technology with ethical and social values. The Institute continually strives to make sure that leadership and governance align with the organization's goals and objectives. Colleges offer a variety of co-curricular, extracurricular, and entrepreneurship skill development opportunities to guarantee students' holistic growth. The committees that oversee the institution's governance are the Board of Governance (BOG), College Development Committee (CDC), IQAC, Anti-Ragging Committee, Redressal and Grievance Committee, Women Development Cell, SC/ST Cell, Industry Institute Interaction Cell, and so on. Each of these committees has clearly defined responsibilities and values that align with the vision and missions of the college. Apart from the several extracurricular clubs, there are also other cultural groups

devoted to Indian culture, dance, drama, magazines, photography, music, and so on. Teachers supervising these organizations and student office bearers put in a lot of effort to get students involved in a range of talent- and skill-development activities so they can become responsible members of society.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/vision-mission/">https://atharvacoe.ac.in/vision-mission/</a>
Upload any additional information	No File Uploaded

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

The college ensures decentralization and delegates authority at different levels ensuring good governance. The Management Committee is in charge of organizing financial resources, supplying required equipment, and supervising the institution's operations and administration. The board of governors are in charge of the organization's overall governance and strategic direction. The principal plays a critical role in establishing the educational environment, supporting academic excellence, and overall development of the institute. CDC plans and executes projects that improve the college's facilities, resources, and academic offerings in cooperation with the administration, instructors, and other stakeholders.

Parent and alumni committee meetings are regular ways to engage with stakeholders and hear their opinions. The HODs have authority to assign faculty work and to establish departmental goals for the efficient management of department's administrative tasks.

The mentor-mentee interaction system is implemented in the institute to address academic and personal issues of students. The Cultural Committee, Student Council, and E-cell organize programs such as Rhythm, IEEE Techithon, etc. to bring leadership qualities of students to limelight. In addition to this, NSS plays a crucial role in ACE by instilling values of social responsibility and community service among students.

File Description	Documents
Paste link for additional information	<a href="https://docs.google.com/document/d/1vHwQ9E8rDigAP9gkhyD_bcp4iMKAkDrU/edit">https://docs.google.com/document/d/1vHwQ9E8rDigAP9gkhyD_bcp4iMKAkDrU/edit</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Atharva College of Engineering attains the pinnacle of academic excellence as it proudly receives the prestigious A+ accreditation from the National Assessment and Accreditation Council (NAAC), in accordance with the stringent criteria outlined in 6.2.1. This monumental achievement reflects the institution's unwavering commitment to providing quality education and fostering a conducive learning environment. The NAAC accreditation process is a rigorous evaluation that encompasses various facets of an educational institution, including infrastructure, faculty quality, student support services, and overall institutional performance. Atharva College of Engineering has not only met but exceeded the stringent benchmarks set by NAAC, solidifying its position as a beacon of educational brilliance. This A+ accreditation is a testament to the relentless dedication of the faculty, the visionary leadership, and the collective efforts of the entire Atharva community. It signifies not only academic prowess but also a holistic approach towards nurturing well-rounded individuals ready to face the challenges of the dynamic professional landscape. As the institution continues to uphold its commitment to excellence, the A+ NAAC accreditation serves as a symbol of recognition and a source of inspiration for aspiring engineers and academic institutions alike.

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

### 6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from

policies, administrative setup, appointment and service rules, procedures, etc.

The organizational structure of Atharva College of Engineering is meticulously designed to ensure effective governance, collaboration, and seamless operations. At the apex of the hierarchy is the President of Atharva Educational Trust (AET), a visionary leader steering the institution towards academic excellence and overall development. The Secretary of AET plays a crucial role in managing administrative affairs and maintaining a cohesive link between the leadership and other stakeholders. The Principal of Atharva College of Engineering serves as the academic head, overseeing the educational programs and ensuring the institutions adherence to high standards of teaching and research. Working closely with the Principal are the Vice Principals, contributing to the strategic planning and implementation of academic initiatives. The Registrar is responsible for maintaining student records and facilitating smooth administrative processes. The Heads of Departments (HODs) lead their respective academic disciplines, while the Librarian manages the vast repository of knowledge, ensuring students and faculty have access to valuable resources. The Training and Placement Officer facilitates industry collaborations and enhances students; employability. The Research and Development In-charge (R&D I/C) spearheads innovative projects, fostering a culture of continuous learning, and the Exam In-charge ensures the integrity and efficiency of the examination system.

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

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

B. Any 3 of the above

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

### 6.3 - Faculty Empowerment Strategies

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

The institute supports fair and well-structured pay with additional benefits like health insurance, provident funds, hosts workshops, seminars, conferences, paper presentations in India and overseas..The institute provides staff employees with opportunities for research and publishing. Faculty members participate in training programmes (STTP, FDP), coffee-table conferences, and panel discussions held at various institutions. The faculties are encouraged to foster a healthy environment by the counselor. The Women Development Cell was established to provide spaces for its female members to thrive and advance. The institution offers its teaching and non-teaching personnel a variety of leave options, including sick leave, maternity leave, and casual leave. Every year, class IV employees receive uniforms. The workshop personnel receive an apron, shoes, and uniforms. The management makes sure that all of the festivals are celebrated jointly because the campus of the college has a cosmopolitan atmosphere. The institution arranges training to improve the talents and multitasking abilities of non-teaching personnel and encourage them to improve their educational qualification. Sufficient food centers have been created on and around the campus. Staff members have access to free Wi-Fi and internet services on campus. The implementation of an appraisal system includes an annual assessment of staff member's overall performance.

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

**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	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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**

14

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

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

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

45

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

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

**Performance: Review & Annual Appraisal System** Employees performance shall be reviewed using Appraisal system.. This Annual Appraisal also coincides with Increments as per eligibility. Employees are eligible for increment subject to his/her performance. Increment: Atharva College Of Engineering follows Annual Increment Cycle i.e. once in a year. Increment is released subject to Management decision. Promotion: ? Research accomplishment at international standards of excellence ? Consistent excellence in classroom and laboratory teaching ? Contribution to curriculum, course development, innovation in pedagogy etc ? Award of external competitive research grants. ? Awards/fellowships/elected memberships of professional bodies ? Review of the annual appraisal report ? Invited talks in national and international research conferences/symposia/workshops ? Professional activities ? Collaborations within/outside the country ? Required qualifications & experiences for the said post according to the AICTE & Mumbai University norms from time to time. ? High performance level ? Excellence in Teaching and Learning ? Research and Publications ? Devotion towards imparting duties and responsibilities ? Achievement and Higher Qualification ? Excellence in Outcome Based education and Implementation of best practices in respective domain. If staff member applied for Promotion to the Management then this proposal may be

discussed and considered in the management Committee

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

#### 6.4 - Financial Management and Resource Mobilization

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

Atharva College of Engineering regularly conducts internal and external financial audits. The accounts are regularly audited by the college's internal and external auditors. Internal Audit is carried by the Internal Audit Department. The accounts of the College are audited regularly as per the Government rules .The internal auditor checks receipts with fee receipts and payments with vouchers and the necessary supporting documents. He/She also ensures that all payments are duly authorized. The External audit is carried out by C.A. firm S.K. Shetty & CO. in accordance with the Accounting Standards governed by Institute of Chartered Accountants of India every year. The Statutory Auditor conducts an audit after completion of the financial year. The report of the Statutory Auditor for the year 2023-24 along with the audited Balance Sheet and Income and Expenditure account is enclosed. The last Statutory Audit was completed for the session 2023-24. Audit work for the sessions 2023-24, 2022-2023, 2021-22, 2020-21, 2019-20, 2018-19, 2017-18, 2016-17 was also conducted by the same Auditor. According to the Audit report the Balance Sheets, Statements of Income and Expenditure comply with the Accounting standards, generally accepted in India.

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

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

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

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Atharva College of Engineering is a self-financed institute having student's tuition fee as the major source of income. ? Before the financial year begins, in consultation with the Principal, Heads of Departments prepare and submit the departmental budget based on the requirements, such as upgradation and maintenance of labs, furniture and other development Expenses. ? The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary and other maintenance costs. ? The budget is scrutinized and approved by the BoG in consultation with the accounts and purchase department. ? Statutory auditors are appointed who certify the financial statements in every financial year. ? A finance committee monitors the optimum utilization of funds for various recurring and non-recurring expenses. ? The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. ? The quotations are scrutinized by the finance and purchase committee before a final decision based on parameters like pricing, quality, terms of service, etc. ? The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. ? The college promotes research, development and other activities, involving the faculty at various levels. ? Traveling grants are made available for faculty members to attend Conferences.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1Z1ROqi3Sc- RPiDOxxW70fSx1dHdPX08O/view?usp=sharing">https://drive.google.com/file/d/1Z1ROqi3Sc- RPiDOxxW70fSx1dHdPX08O/view?usp=sharing</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The Institutional Quality Assurance Cell (IQAC) plays a pivotal role in driving purposeful and sustained enhancements across the institution's overall performance post-accreditation. It serves as the foundation for ensuring continual improvement in all institutional functions, aiming to uphold quality standards that reassure stakeholders such as parents, educators, employers, and society at large. Key objectives include fostering best practices in institutional operations, documenting initiatives that contribute to quality enhancement, and facilitating stakeholder feedback mechanisms. IQAC functions encompass establishing and enforcing quality benchmarks for academic and administrative activities, organizing workshops and lectures on pertinent quality-related topics, and overseeing the preparation of the Annual Quality Assurance Report (AQAR) for accreditation bodies. Strategic initiatives focus on timely completion of tasks, enhancement of educational and research standards, equitable access to academic programs, adoption of contemporary teaching methodologies, and robust evaluation practices. The IQAC's impactful projects like TECHITHON and AIIR illustrate its commitment to institutionalizing quality assurance through innovative platforms and advanced technological resources that promote collaborative learning and creative exploration among students. These initiatives aim to align institutional practices with evolving educational needs and technological advancements.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/igac-committee/">https://atharvacoe.ac.in/igac-committee/</a>
Upload any additional information	<a href="#">View File</a>

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

The periodic evaluation of teaching, learning, and operational methods is crucial for maintaining educational quality. The Internal Quality Assurance Cell continuously reviews and takes steps to improve the quality of teaching-learning process. Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. IQAC oversees quality assurance processes to uphold educational standards by monitoring departmental performance and implementing improvement strategies. IQAC focuses on faculty development through programs aimed at enhancing teaching skills and adopting modern pedagogical techniques. It also supports students with mentoring and resources to foster academic and professional success. IQAC works towards accreditation and higher rankings, attracting top-tier faculty and students. Over the past years, our institution has achieved notable advancements: ? Integration of new technologies and use of smart classrooms. ? Expansion of infrastructure to support growing research needs. ? Active participation in initiatives like Smart India Hackathon and organized hackathons. ? Rigorous analysis of faculty feedback to refine teaching methods. ? Implementation of innovative pedagogical approaches. These efforts, coupled with expanded student support services, sponsored events, alumni collaborations, and industry interactions, reflect our commitment to continuous improvement. Such initiatives aim to bolster educational quality, student preparedness, and institutional competitiveness in the evolving landscape of higher education.

File Description	Documents
Paste link for additional information	<a href="https://atharvacoe.ac.in/notices-2/">https://atharvacoe.ac.in/notices-2/</a>
Upload any additional information	<a href="#">View File</a>

<b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b>	<b>A. All of the above</b>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://docs.google.com/document/d/1YVFzVFgegk51vgcaHAHoEFud4siC6myY/edit">https://docs.google.com/document/d/1YVFzVFgegk51vgcaHAHoEFud4siC6myY/edit</a>
Upload e-copies of the accreditations and certifications	<p style="text-align: center;"><b>No File Uploaded</b></p>
Upload any additional information	<p style="text-align: center;"><a href="#">View File</a></p>
Upload details of Quality assurance initiatives of the institution (Data Template)	<p style="text-align: center;"><a href="#">View File</a></p>

## 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

Atharva College of Engineering responds with great support to gender equity and justice to all groups of society. The institute provides equal opportunities to both the genders in all types of portfolios. The institute has established a Women Development Cell and Internal Complaint Committee for addressing several important purposes like gender equality, empowerment, safety and security. The campus is under surveillance 24X7 continuously by security officers (including female security personnel). The entire campus is under CCTV monitoring including each floor, with a focus on protecting the safety of students, faculty members, and staff. The institute has also established committees like Redressal of Grievance, Anti-ragging- Committee, SC/ST Committee, etc., for handling various issues concerning students and staff of all genders. Institute has a well established NSS wing which helps in

developing discipline, professional skills and patriotic fervor in both genders. Girl's and Boy's common rooms with all facilities are available. The Ladies washrooms are facilitated with 'Sanitary Napkins Vending Machine' on the ground and third floor. Divyangjan (differently abled person) washrooms for both genders are available in the college building. Atharva College of Engineering in collaboration with Atharva Foundation has been working continuously for upliftment of women with initiatives like Women Achievers Award.

File Description	Documents
Annual gender sensitization action plan	<a href="https://atharvacoe.ac.in/wp-content/uploads/7.1.1-Detail.pdf">https://atharvacoe.ac.in/wp-content/uploads/7.1.1-Detail.pdf</a>
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	Nil

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**E-Waste Management** The e-waste generated in the form of workable computer peripherals, are again repaired and donated to rural areas of Ratnagiri. Obsolete monitor, printers, keyboard, mouse and other equipment discarded by college, are sold as scrap to e-waste vendor. Solid waste management A gardener and full-time adequate support staff are appointed for

the maintenance of litter free clean and Green Campus. Solid waste is segregated as bio degradable and non-degradable and handed over to Municipal Corporation. All Departments and classrooms are provided with dustbins for dry wastage disposal. Digital storage of documents, WhatsApp-class wise groups, Department wise groups, etc. facilitate E-communication and use of public address systems reducing usage of paper in notices and circulars. The institution mandates all the students - to avoid carrying non-bio-degradable plastic items to the institution, which includes plastic bags, cups, plates, straws and sachets. Liquid waste management College has rain water harvesting pits, which function efficiently during the rainy season. It is made mandatory to clean and disinfect water holding tanks at least monthly once or more often, if required. Waste recycling system Institute has a sewage treatment plan and composting machine for recycling waste material.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	Nil
Any other relevant information	<a href="#">View File</a>

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

B. Any 3 of the above

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

**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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**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**

C. Any 2 of the above

assistance, reader, scribe, soft copies of reading material, screen reading

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

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

ACE Engineering College fosters an inclusive environment, welcoming students from diverse cultural, regional, and socio-economic backgrounds. Admission policies, aligned with DTE government quotas, ensure fair opportunities for regional students. ACE celebrates various festivals like Diwali, Ganeshotsav, and Christmas with enthusiasm, reflecting its commitment to cultural diversity.

Through the Atharva Foundation, ACE supports educational initiatives like laptop donations to daughters of martyred soldiers and mentoring for higher education. The institution also honors soldiers through patriotic programs, sharing untold stories narrated by renowned personalities.

To further student development, ACE offers spoken English and personality development courses during semester breaks. The college also celebrates Kargil Vijay Diwas on 26th July to honor the victory of soldiers.

ACE provides platforms like the Rhythm cultural programs, allowing students to showcase their talents while embracing cultural diversity. Additionally, a book bank is available for SC/ST/OBC students needing extra support in English, Maths, and Computer Science. Through these efforts, ACE instills values of inclusion, respect, and empowerment, making students active participants in building a more inclusive society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Atharva College of Engineering (ACE) is dedicated to shaping students into constitutionally aware citizens, with a strong emphasis on their Fundamental Rights and Duties. The institution integrates this education through various departmental and National Service Scheme (NSS) activities. The NSS unit is particularly focused on instilling a sense of patriotic commitment and contributing to national development. As part of this, the National Cadet Corps (NCC) selects Campus Ambassadors who actively participate in Republic Day and Independence Day celebrations, fostering a deep sense of national pride and engagement.

ACE's NSS unit engages students in a wide array of community service initiatives, including street plays to raise social awareness, traffic policing to enhance road safety, and regular cleanliness drives to promote hygiene and public health. In particular, the college ardently supports the Swachh Bharat Abhiyan through events such as Swachhta Pakhwada and has initiated anti-plastic and recycling campaigns to further its environmental goals. In alignment with the Government of India's resolution to ban single-use plastics, ACE has implemented a comprehensive plastic-free policy across its campus. This ban encompasses all campus activities and entities. Additionally, NSS and the Green Society organize collection drives for newspapers and posters, further reinforcing ACE's commitment to environmental sustainability and active community involvement.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**4. Annual awareness programmes on Code of Conduct are organized**

A. All of the above

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

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

ACE commemorates a number of significant national and international events to offer students engaging and interactive lessons on India's rich history, traditions, and customs. The college celebrates India's Independence Day with the singing of the National Anthem, followed by a variety of cultural performances. Republic Day is observed with an array of programs that highlight the significance of the occasion. On October 2nd, Mahatma Gandhi's birth anniversary is honored through events organized by the NSS and others, which also

include activities like the Swachh Bharat Abhiyan. Dr. Sarvepalli Radhakrishnan's birth anniversary on September 5th is celebrated at both departmental and college levels with special programs. Engineer's Day, on September 15th, marking Sir M Visvesvaraya's birth anniversary, features various technical activities and competitions. National Unity Day, on October 31st, commemorates Sardar Vallabhbhai Patel's birthday with activities such as the Run for Unity and the Unity Pledge. The Peace Society also organizes motivational events on January 12th, celebrating Swami Vivekananda's birthday, observed as National Youth Day. International Yoga Day on June 21st, recognized by the UN in 2014, is celebrated with events promoting physical and mental well-being. ACE also celebrates Indian festivals like Diwali, Ganeshotsav, Navratri, and Christmas, and honors Kargil Vijay Diwas on July 26th.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	<a href="#">View File</a>
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.

1. Title of the Practice: AIIR (Atharva's iLab, iMac and Robotics). 2. Objectives of the Practice: Facilitating students to promote their inventive robotics and technical expertise. 3. The Context: Atharva's iLab, iMac Lab, and Robotics-AIIR are crucial for accessing advanced technology and innovative solutions.

4. The Practice Atharva Robotics Center imparts practical experience with KUKA KR 16-2 C4 Robots, while iMac Lab and iLab train students in cloud computing, multimedia, and innovative technologies. 5. Evidence of Success Students excelled in ROBOCON, Flipkart Grid 3.0 & 4.0, and Smart India Hackathon, 6. Problems Encountered and Resources Required 1. Effective guidance and motivation ensure student engagement and attentiveness. 2. Optimal budget utilization maximizes

available benefits.

1. Title of the Practice "Green Horizons"; Atharva Tree Plantation initiative. 2. Objectives of the Practice The initiative enhances sustainability, ecological balance, and community green engagement.

3. The Context The institute's tree plantation withstands climate change, enhances air quality, beautifies nature, and engages community. 4. The Practice At Sanjay Gandhi National Park, Borivali, students and staff engaged in activities likesapling-plantation, care instructions and weekly monitoring. 5. Evidence of Success Success is marked by increased green cover, thriving saplings, improved aesthetics, andactive student and staff participation, demonstrating commitment to sustainability. 6. Problems Encountered and Resources Required Challenges include poor soil, pests, maintenance issues, weather unpredictability, andlimited community involvement affecting success.

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

### 7.3 - Institutional Distinctiveness

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

Atharva College of Engineering focuses on blending technology with education to prepare students for the industry. The college has High-tech labs like Robotics Lab, Atharva Ground Station, iMac Lab, iLab, Virtual Lab, and NPTEL MOOCS courses. The Robotics Training Centre is one of the first in Maharashtra and the second in India among private engineering colleges. The Atharva's Ground Station team successfully set up a receiving station for IIT Bombay's PRATHAM satellite. The iMac Lab supports digital creativity, while the iLAB provides a platform for exploring new ideas. Atharva College students actively participate in intercollege and national hackathons. The college focuses on skill development through seminars, workshops, and industrial interactions and visits. Collectively all these initiatives makes Atharva College a leader in fostering professional growth in students The college focuses on faculty development by offering a range of opportunities

such as STTPs and certification courses from platforms like NPTEL, MOOCS, Coursera, and UHV. Faculty members are encouraged for higher studies, research activities and to participate in conferences, seminars, symposiums etc. This helps faculty to grow professionally and deliver high-quality education.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

Atharva College of Engineering will focus on enhancing educational quality and institutional processes:

- 1. Assessment and Gap Analysis:** Conduct a thorough evaluation of academic programs, faculty, infrastructure, and student feedback to identify and address gaps.
- 2. Industry Networking:** Expand industry partnerships through MOUs to ensure students gain current skills and improve their employability.
- 3. Accreditation and Ranking:** Prepare for NBA accreditation for eligible departments and work towards improving the NIRF ranking through focused efforts.
- 4. Research and Development:** Foster research by encouraging faculty and students to engage in interdisciplinary collaboration and stay updated on engineering advancements. Actively seek funding for research projects.
- 5. Innovation and Entrepreneurship:** Strengthen the incubation center and support student startups through the Institute Innovation Council (IIC) and Entrepreneur Development Cell.
- 6. National Education Policy Implementation:** Implement NEP guidelines to enhance academic practices and curricula.
- 7. Internships:** Increase the number of internships across departments to provide practical experience and bridge the gap between theoretical learning and real-world application.
- 8. Alumni Network:** Enhance and expand the alumni network to offer greater support and opportunities for current students and graduates.

This plan aims to elevate Atharva College's educational standards and institutional effectiveness.