YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Ahalia School of Engineering and Technology
• Name of the Head of the institution	Dr. P. R. Sreemahadevan Pillai
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04923226666
• Mobile No:	9447056075
• Registered e-mail	principal.aset@ahlia.ac.in
• Alternate e-mail	principal.aset@ahlia.edu.in
• Address	Ahalia Health Heritage and Knowledge Village, Kozhipara (PO).
• City/Town	Palakkad
• State/UT	Kerala
• Pin Code	678557
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated College
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing
• Name of the Affiliating University	APJ Abdul Kalam Technological University
• Name of the IQAC Coordinator	Dr. G. Murugananth
• Phone No.	04923226666
• Alternate phone No.	04923226666
• Mobile	9942116780
• IQAC e-mail address	iqaccoridnator.aset@ahalia.ac.in
• Alternate e-mail address	hodeee.aset@ahalia.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	Not Applicable
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://ahalia.ac.in/academics/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.99	2023	14/03/2023	13/03/2028

6.Date of Establishment of IQAC	01/11/2018

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
EEE	urja kiran	Energy Management CENTRE	2022	14000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
• Upload latest notification of formation of	No File Uploaded

IQAC		
9.No. of IQAC meetings held during the year	**3**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**No**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

*** The following faculty members were appointed Dean of Academics and Dean of Research - Prof. D. Prakash, HoD, ME, and Dr. Sivakumar R, Prof., CSE, respectively. *It has been decided that the overall pass percentage of the institution will increase by 5%. * The ISO process manual has been revised per the university's audit manual.**

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
ISO External Surveillance audit has been planned by December 2022.	**Audit was successfully completed.**

13.Whether the AQAR was placed before statutory body?	**No**

• Name of the statutory body

Name	Date of meeting(s)
Nil	**Nil**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	05/04/2024

15.Multidisciplinary / interdisciplinary

The vision of Ahalia School of Engineering and Technology is to grow as a center of learning and research, transforming students to professionals with interdisciplinary knowledge to serve society. The institution is affiliated to APJ Abdul Kalam Technological University, Trivandrum, which has a blend of curriculum elements from an interdisciplinary approach to any of the programs. For example, the students of B. Tech Civil Engineering program undergo courses like Informatics for Infrastructure Management, FEA etc., and the EEE dept. students are learning Soft computing, computer organization OOPS and Materials systems. The ECE students are learning OR, ML & AI and also studying OOPS. The curriculum itself contains Science and humanities courses like Engineering Communication, Professional ethics, Mathematics, Physics and chemistry. The program also contains courses like Industrial economics also. After the completion of the courses there are possibilities for the students to opt for a career in Management. The institution offers flexible and innovative curricula as per the University curriculum and syllabus that includes credit-based courses and projects like “Sustainable development, Environmental Engineering, Human values” in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education. Regarding the multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education we oblige the directions from the university. The institutional management always encourages Faculty members to plan and engage in more multidisciplinary research as our management itself is involved in running multi-disciplinary organizations. It has been proposed to do atleast one interdisciplinary Final year project from each department.

16.Academic bank of credits (ABC):

The University Grants Commission (UGC) recently announced the creation of an "Academic Bank of Credits" (ABC) in higher education as a new initiative resulting from the National Education Policy. The ABC is a credit facility originally envisioned by the Government of India in the NEP 2020. The scheme has the provisions of creating

a digital infrastructure that will store the academic credits earned by the students of various higher education institutions within the country. This policy is transforming India’s education system by 2040.ASET is in the process of implementing the NEP and suitable action will follow. The ASET College shall abide by the curriculum and structure prepared by the affiliating university in this regard.

17.Skill development:

The college has put a lot of effort into helping students develop their soft skills and vocational skills abilities. In order to improve the skill, ASET Skill development team joined hands with local Kanjikode industries, local panchayat, NSS, NGOs and other sponsoring agencies to be partners and sponsors of skill-based courses. Additional Skill Acquisition Programme (ASAP) by Government of Kerala associated with ASET striving to enhance the employability status of the students, while offering voice and non-voice courses through the platform. The institution is extremely committed to offering value-based education to students, and to make this a reality, it has established several clubs and cells to promote the same. ASET conducts the Universal Human Value program as a pre vacation long term program to enrich human value and life skill subjects throughout the professional program provided by the curriculum and empower the Human value. Entrepreneurship Development Club, Nature Club, EnSAV Club and sport club used to enhance the various skills of the students. Through industry partnerships and connections with top institutions, the college will expand the range of skills courses it offers. IIC cell of ASET is conducting various programs and workshops to improve the skill to make successful start-ups. Through internships and practical training programmes, the college ties up with various industries.

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

Ahalia campus, is an integrated campus serving the society on the aspects of Health, Heritage and Knowledge. Students of Ahalia School of Engineering and Technology (ASET) involves in the various activities of the campus related to cultural and holistic significance. ASET literary club inculcates the students and provides them opportunity to show case their talents on the multidisciplinary languages, which include Malayalam, English, Tamil, Hindi, and Tamil. ASET in association with Palakkad District Library organizes and celebrates days of national importance, in specific, the language days. During the Onam occasion, ASET and Palakkad District Library, organized Poetry day for the public at Palakkad on 6th September 2022. By these means, the student’s

ability of the semantic and literary aspects of the languages are ensured. Languages influence the students to promote the culture and communicate with others such as family members, authorities, and strangers. ASET celebrated World Poetry Day on 21 March 2022 in association with UBA, NSS, ASET Literary Club, and Ahalia Forum. This program was presided by Dr. P. R. Sreemahadevan Pillai, Principal, ASET. Shri. Vayalar Sarathchandra Varma inaugurated the event by giving a poetic speech. 10 notable poets recited their poems and made the occasion memorable. ASET celebrated Kerala Piravi on 01 November 2021 with zeal and fervour. A gathering, observing the Covid protocol assembled in the front lawn of the College and sang the Nava Kerala Ganam as recommended by the Ministry of Higher Education, Government of Kerala. Dr. P. R. Sreemahadevan Pillai, Principal, led the celebration.

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

The Learning Outcome Curriculum Framework syllabi prescribed by the A. P. J. Abdul Kalam Technological University Academic Regulations for B. Tech, 2015 and 2019. These are subject to the provisions of the APJ Abdul Kalam Technological University Act, 2015, the statutes and ordinances if any issued in the subject from time to time. It is the express understanding that these regulations are subject to the approval of the concerned statutory bodies of the University with the final outcome expected of students (182 credits for 2015 scheme and 162 credits for 2019 scheme) of a particular B.Tech course at the end of the programme. They are in sync with expectations of the programme and the desired skills and knowledge to be inculcated in students. The outcomes are delineated clearly, and the teaching plans outlined like Course outcomes, program outcomes and program specific outcomes ect . This enhances the quality of education being imparted to them and frequent student faculty meetings help align pedagogy to the desired outcomes. The curriculum consists (162 credits - 2019 scheme) of Humanities and Social Sciences including Management courses, (Breakup of Credits 08) Basic and Engineering Sciences (Breakup of Credits 08), Engineering Science courses including workshop, drawing, basics
of electrical/mechanical/computer etc (Breakup of Credits 22), Professional Core subjects (Breakup of Credits 66), Open and Professional Elective(Breakup of Credits 19)s, Project work, seminar and internship in industry(Breakup of Credits 10). Mandatory Student Activities(Breakup of Credits 2)Technical report writing and Language laboratory enhance written and verbal communication skills. Students learn various important concepts in professional core subjects and also advanced concepts in professional elective subjects which enhance their analytical and

problem solving skills. The Project work /Internship taken up in the final year enables the students to consolidate their knowledge, write and present technical reports and learn the benefits of teamwork. Students are encouraged to carry out project work as interns in industry to meet NEP 2020. There shall be academic auditing at the stipulated intervals (minimum one per semester). The academic auditing shall be conducted jointly by an Internal Quality Assurance Cell (IQAC) within the ASET and external academic auditor(s) appointed by the University. The Internal Quality Assurance Cell (IQAC) shall oversee and monitor all the academic activities including all internal evaluations and examinations to meet NEP 2020.

20.Distance education/online education:

ASET is having online tools such as Google meet, that is being used for blended learning. These tools augment and enhance pedagogy. Online classes and Exams were held as per directives of the APJ Abdul Kalam Technological University, Kerala during the lockdown necessitated by the pandemic. ASET students can study many online courses from NPTEL SWAYAM and Coursera. The Students can study for their minor degree (additional degree) with four additional subjects and one mini project and Honors (above 8 CGPA) two subjects and two MOOC courses prescribed by the University. Special Programs and training are conducted during weekends to enhance the skill of the student to meet industry requirements. ASET is not authorized to have any programmes under Distance Education Mode in accordance with UGC notifications. In view of NEP, ASET also seeks to develop and provide certified online course in near future.

Extended Profile

1.Programme

1.1 **5**

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

File Description	Documents
Data Template	View File

2.Student

2.1 **618**

Number of students during the year

File Description	Documents
Data Template	View File

2.2 **75**

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

File Description	Documents
Data Template	View File

2.3 **152**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **65**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **60**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

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

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**618**

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**75**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**152**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**65**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**60**

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**Classrooms 22 Seminar Halls 2**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**216.104**
4.3 Total number of computers on campus for academic purposes	**173**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

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

In order to ensure efficiency in the curriculum delivery process the departments of the college begins every year with a detailed and comprehensive plan with the help of the academic calendar. Further, regular meetings, discussions and reviews both at college and department level ensures that the outcomes, goals and deliverables are being met on time.

Our teachers regularly update their knowledge through active involvement in Research and Faculty Development Programmes. All of our faculty members are part of evaluation process at University level. The college employs technologically enabled infrastructure and facilitate various internships, projects and field trips.

The departments in the college adopted a learner-centric approach

towards teaching. Concise notes of the course are provided to the students to help them understand the topic in a better manner. The departments have also made arrangements for remedial classes and tutorials as per the needs of the learners. There are provisions for oral presentations, monthly assessments, surprise tests, assignments and dissertations.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ahalia.ac.in/wp-content/uploads/2024/05/Additional-Document-1.1.1.pdf

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

The academic calendar lays out the teaching-learning hours, which enables teachers to plan for their lectures in advance, complete the syllabus on time and ensures that adequate time and resources have been allotted according to the requirement and needs of the learners.

Thus the academic calendar helps to meet the desired learning outcome targets. The academic calendar is prepared in accordance with holidays and examination dates as per University calendar. This enables teachers to evaluate their own performance and monitor the preparedness of the learners.

Every teacher in the different departments of the college prepare a course lesson plan and record the progress of the completion of the course. This also helps teachers to review the effectiveness of the teaching-learning process in the classroom and make necessary adjustments as per the requirements of the class.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://ahalia.ac.in/wp-content/uploads/2024/05/1.1.1.1.-Academic-Calender-2022-2023.pdf

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

D. Any 1 of the above

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

1.2 - Academic Flexibility

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

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

5

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

11

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

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

5

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

5

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Our institution takes a comprehensive approach to education, integrating crosscutting issues crucial for professional development. Through our curriculum, we prioritize Professional Ethics, Gender Equality, Human Values, Environmental Responsibility, and Sustainability.

Professional Ethics: We instill ethical principles essential for responsible decision-making and conduct in various professions, ensuring our graduates uphold integrity and accountability.

Gender Equality: Our curriculum addresses gender biases, promotes inclusivity, and fosters a supportive environment where all

individuals have equal opportunities to thrive.

Human Values: We emphasize the importance of compassion, empathy, and respect for diverse perspectives, nurturing students to become socially conscious and culturally sensitive professionals.

Environment and Sustainability: Recognizing the urgency of environmental challenges, we integrate concepts of sustainability, resource management, and eco-consciousness across disciplines, empowering students to contribute positively to a more sustainable future.

By embedding these crosscutting issues into our curriculum, we equip our students not only with technical expertise but also with the values and mindset necessary to navigate complex global issues responsibly and ethically.

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

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

11

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

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

173

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

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

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

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

39

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

2.2 - Catering to Student Diversity

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

Special Bridge Courses are conducted for all students in order to acclimatise with the college environment and Engineering studies.

Response:

Two week Bridge courses are conducted for

1.Analytical theory courses

2.Communication skills

3. Universal Human values

After every internal test, for every subject, the faculty handling the subject categories the students into three groups viz. Slow learners, average and fast learners (if any). The list is collected and the class advisor consolidates it in form ASET-(Dept.Code)/DS05/004. For slow learners and average students (if needed), remedial classes are to be conducted. After the completion of remedial classes, students are to be assessed on the topics covered in the remedial classes. For fast learners, minor and honor classes are to be conducted as per the university norms. After the completion of remedial, minor or honor classes, the portions taught in those classes have to be evaluated by assessing the students' performance.

File Description	Documents
Link for additional Information	https://ahalia.ac.in/blog/2022/11/
Upload any additional information	View File

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

Number of Students	Number of Teachers
618	**65**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Students clubs conduct Weekly Quizzes and Competitions Students' IEDC is enhanced by providing opportunities to operate outside of their perceived comfort zones with more interdisciplinary projects. Industrial Visits are organized to enhance students' learning experiences. Dismantling of machines was done to incorporate experiential learning among mechanical engineers Students from EEE Department were actively involved in making of sanitiser machine Participative Learning Add On Courses: Add on Courses are provided at College level and certificates are issued for the same Well organized student chapters are formed with support from various professional bodies like ISTE, CSI, IETE, IEI, IEEE,IEDC etc. for students to organize reputed International/National events. Programming contest and Hackathons to build their problem solving and Analytical skills. Internship opportunities empower the learners to augment them with learn-by-doing skills. Aptitude and Programming Training by external experts are done at regular intervals Group competitions like idea pitching competitions were conducted Employability Enhancement Programmes: These Programme are organized under the Placement Cell of the College for students to set their goals.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ahalia.ac.in/blog/2023/03/

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

ASET aims to provide quality education through innovative teaching-learning methodology by using

1.Course material presentation using multimedia

2. Youtube videos by faculty

3.Collaborative Learning using google classroom

4.Simulation Tool

5.Webinars to explore technical skills

7.NPTEL videos

8.Online course methodology

9.Online quiz through Google forms

10.Laboratory Presentation

11.Hands on training classes

The innovativeness in teaching is included in the content of the course file. The faculty members are pursuing verified certificate online courses from foreign universities like Michigan University, John Hopkins University, Stanford University, University of colorado every year through EDx and coursera in order to enrich the knowledge and disseminate to the students. The learning experiences through these courses helped the teachers for teaching methodology. Field visits are arranged for all students through which real time implementation can be visualized. The faculty members are visiting core industries which help to deliver application oriented teaching.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ahalia.ac.in/about/facilities/

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

26

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

2.4 - Teacher Profile and Quality

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

65

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

10

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

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

2.4.3.1 - Total experience of full-time teachers

409

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

One week before the start of the exam, one set of question paper is submitted to the exam cell by the class advisor, with the approval of the Scrutiny committee of the department and HoD.Invigilation duty chart is prepared by the exam cell coordinator.Exams are conducted as per the University procedure.Exam booklets are submitted to the exam cell after completionof the exam.Exam booklets are handed over to the concerned faculty on thesame day.Evaluated exam booklets are submitted to the exam cell withinfive working days after completion of the examination

After every internal , for every subject, the faculty handling the subject categories the students into three groups viz. Slow learners, average and fast learners . The list is collected and the class advisor consolidated. For slow learners and average students , remedial classes are to be conducted. After the completion of remedial classes, students are to be assessed on the topics covered in the remedial classes. For fast learners, minor and honor classes are to be conducted as per the university norms. After the completion of remedial, minor or honor classes, the portions taught in those classes have to be evaluated by assessing the students' performance.

File Description	Documents
Any additional information	View File
Link for additional information	https://ahalia.ac.in/academics/examinations/

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

The Institute has a well established and defined processes relating to evaluation – examination grievances redressed. This Process is Grievances related to the internal evaluation marks are referred to the Principal of the institute through Academic coordinator. Then the Principal, concerned subject teaching faculty and Academic coordinator resolved the grievances on the basis of documentation.

Online examinations: The effective implementation of the online examination is ensured by way of display of online examination timetable, appointment of eligible internal supervisors and use of CCTV cameras for monitoring of online examinations In-semester examination. KTU appoints external senior supervisor to monitor the whole examination conduction process in fair and transparent manner, for smooth conduction of University theory examination, Senior Supervisor is appointed who looks after overall conduction of the examination. Junior supervisors are appointed for invigilation. During examination higher authorities surprise visit are taken appointment of Internal squads by institute. Principal and Dean Academics conducts a meeting with all faculty members before every semester examination regarding the smooth conduct/implementation of examination rules, where all faculty members can give their suggestion on various aspects of examination and evaluation based upon the previous examinations. This enables further improvement in the subsequent examination and evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://ahalia.ac.in/academics/examinations/

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.

Details on how the students and staff are made aware of these

• The Outcomes-based Curriculum is designed to meet students' current needs in terms of securing their path to higher education or a terminal degree, as well as guiding students toward career

choices.

• The learning objectives are communicated through various means, including a college prospectus, the principal's address to students and parents, alumni meetings, classroom distribution by concerned staff and answer booklets for internal tests

• These are also prominently displayed on college boards, course logbooks, and other publications distributed at conferences and seminars.

• These Learning outcomes are an essential component of the college's vision, mission, and objectives.

• Informing stakeholders, particularly parents, persuades students to pursue skill-oriented and value-based courses.

• Students learn about the course outcomes through an orientation programme, classroom discussions, expert lectures, and practical.

• Teachers are also well informed about the results.

• Successful alumni students are also invited to interact with both students and teachers at specific events and meetings where they share how their specific course helped them.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ahalia.ac.in/academics/departments/civil-engineering/ce-about/
Upload COs for all courses (exemplars from Glossary)	View File

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

Assessment is done using both direct and indirect tools.Only direct tools (Internal marks and university exam grades) are used to assess CO attainment.Both tools are given an equal weightage of 50 percent

CO attainments is calculated as:CO attainment = (attainment through internal mark×weightage of internal mark)+(attainment through university grade×weightage of university grade).The CO is

attained if the attainment is equal to or greater than the target

Assessment of POsPO assessment and its attainment is ensured through overall CO attainment and the indirect tools.Weightage for overall CO attainment is fixed as 85%.PO attainment through CO attainment is calculated as follows:PO Attainment through CO =(CO & PO Mapping Average (target for that PO))÷8.3)×CO Attainment for that individual courseThe indirect tools considered are: Programme end survey (5% weightage), Alumni survey (5% weightage) and Employer survey (5% weightage)PO Attainment = 85% of PO attainment in Direct Tools + 15% of Indirect ToolsIf the attainment is equal to or greater than the target, then that PO is attained. If not, appropriate steps and an action plan should be proposed and implemented so that the PO is attained for the next consecutive batch of students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ahalia.ac.in/wp-content/uploads/2022/12/2.6.1-CO-PO.pdf

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

124

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://ahalia.ac.in/wp-content/uploads/2024/05/annual-report-2022-23.pdf

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://docs.google.com/forms/d/e/1FAIpQLSeIAY5b1LeXYMMfZaAVZF4lhazPiGXsiTD6zc1Zdt6AkWB0vw/viewform

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)

0

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	**No File Uploaded**
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

11

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

3.2 - 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

16

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

3.2.2 - 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

9

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

3.3 - Extension Activities

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

Various extension activities include NSS, IEDC, Nature club, Unnath Barath Abhiyan, Ensave club etc. The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It helps students of Technical Institution to take part in various government led community service activities & programmes. The sole aim of NSS is to provide hands on experience to young students in delivering community service.The Innovation and Entrepreneurship Development Centre (IEDC) in Ahalia School of Engineering and Technology is an initiative ofKerala Startup Missionunder Startup Bootcamp Scheme of Government of Kerala. Under this scheme, financial assistance is given to selected colleges for supporting innovative products.The mission of the IEDCs is to “develop institutional mechanism to create entrepreneurial culture in academic institutions to foster growth of innovation and entrepreneurship amongst the faculty and students “. The IEDC in ASET frequently organizes programs in collaboration withDirectorate of Industries and Commerce (DIC), Palakkad, Govt. of Kerala,Entrepreneurship Development Institute of India (EDII),Kerala State Council for Science, Technology and Environment (KSCSTE).ASET is recognized as a participating institute under Unnat Bharat Abhiyan, which is a Government of India initiative aimed at the upliftment of the villages.

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	No File Uploaded
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

30

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

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

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

200

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

3.4 - Collaboration

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

2

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

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

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

4

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Ahalia School of Engineering and Technology established in the year 2012, is one among the educational institutions of Ahalia Colleges. The college is approved by All India Council of Technical Education (AICTE) and is affiliated to Abdul Kalam Technological University, Kerala. Ahalia School Of Engineering and Technology offers five Bachelor of Technology (B.Tech.) courses in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering. The college possesses a good infrastructure with a pleasing environment which is ideal for students for their holistic development. The college building comprises well equipped classrooms with ICT facilities, tutorial

rooms, seminar halls, laboratories, Entrepreneurship Development Cell and library. Ahalia promotes a wide range of sporting events in the college campus.

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

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

The college is well equipped with most of the sporting equipment for the students and staff to develop their physical and intellectual capabilities. The college conducts sports events like inter-college and intracollege athletic meets, cricket and football tournaments etc. The college has a playground for the conduct of co-curricular activities in the college and sports events. There is a basketball court for the faculties and students of the campus. The ground has a football ground as well as provisions for conducting the athletic meets inside the campus with a 400m track capacity. Indoor games include provisions for table tennis and shuttle badminton courts. Annual athletic meets are conducted every year to bring up the emerging athletes among the students. The college has well established gym facilities for the students as well as faculties. The facilities include a wide range of weight lifting equipment and machinery for cardio exercises. The gymnasium is equally divided for both males as well as females along with physiotherapists. The students and faculties can avail these facilities anytime for improving their physical and mental health and lead a beautiful college life. Ahalia is equipped with a calm and quiet yoga training facilities inside the campus. It provides a peaceful atmosphere for the students and all the members of staff and family members to practice yoga. We have trained yoga trainers inside the campus. Yoga is usually practiced in the morning and evening sessions. Yoga training sessions are conducted for a duration of 3 weeks.

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

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

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0.158

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

4.2 - Library as a Learning Resource

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

The ASET Central Library aims at providing access to its printed resources such as books and journals as well as electronic journals and online databases primarily for the use of students, faculty and staff of ASET. The library stock is 15370 books and increasing at a rate of 1,250 plus books a year. The library also subscribes to over 39 current periodicals and to a range of

electronic journals and databases. The College Library is administered by the Library Committee, consisting of HoD of ECE as Chairman, Librarian as Convener, and one staff from each Department as committee members. The day-to-day running of the library is conducted by the librarian who is assisted by the library staff.Any member of ASET may recommend the purchase of a desired or relevant book to the librarian.The library offers at present 9 User Computers that are on the network for users to access the internet, online journals, and other databases. Computer facilities are provided for academic work. Users are not permitted to install any software or programs on any of these PCs The Library's Online Public Access Catalogue (OPAC) can be accessed on the Internet and Intranet to search all the bibliographic records available in the Library database. The OPAC can be searched by author, title, subject, keywords, and publisher which is available 24 hours.

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

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

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

2.610

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

48

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Network Infrastructure: This forms the backbone of the IT infrastructure, consisting of wired and wireless networks connecting various devices across the campus. It includes routers, switches, access points, cables, and other networking equipment.

Internet Connectivity: High-speed internet connectivity is essential for research, online learning, communication, and administrative functions. Colleges typically have dedicated internet connections with sufficient bandwidth to accommodate the needs of students, faculty, and staff.

Software and Applications: Colleges provide access to a wide range of software and applications for productivity, research, collaboration, and learning. This may include productivity suites, academic software, research tools, learning management systems, and specialized applications for specific disciplines.

Security Infrastructure: With the increasing threat of cyber attacks, colleges invest in security infrastructure to protect their networks, data, and users. This includes firewalls, intrusion detection/prevention systems, antivirus software,

encryption tools, and security policies and procedures.

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

4.3.2 - Number of Computers

173

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

289.57

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

- **Facilities Management Plan: This plan outlines the overall strategy for managing and maintaining facilities, including schedules for regular inspections, maintenance tasks, and upgrades. It also includes protocols for handling emergencies and ensuring compliance with safety regulations.**
- **Inventory Management: A systematic approach to inventory management ensures that all necessary supplies, equipment, and materials are readily available for use. This includes maintaining accurate records of inventory levels, conducting regular audits, and restocking as needed.**
- **Maintenance Procedures: Defined procedures for maintaining facilities, equipment, and infrastructure are essential for prolonging their lifespan and ensuring optimal performance. This includes routine maintenance tasks such as cleaning, servicing, and repairing equipment, as well as scheduling major upgrades or renovations as required.**
- **Utilization Guidelines: Clear guidelines for the use of facilities help ensure equitable access for all users and maximize the efficient use of resources. This may include scheduling protocols for classrooms, laboratories, and sports facilities, as well as policies for reserving equipment or spaces in advance.**
- **Training and Support: Providing adequate training and support to staff and users is essential for ensuring that facilities are utilized effectively and safely. This may involve offering training sessions on equipment operation, safety protocols, and best practices for facility use.**
- **Technology Integration: Incorporating technology into facility management processes can streamline operations and enhance the user experience. This may include implementing automated systems for scheduling and reservations, utilizing digital platforms for resource management, and integrating smart technologies for energy efficiency and security.**

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

47

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

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

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

83

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

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

B. 3 of the above

File Description	Documents
Link to institutional website	NIL
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

186

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

186

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

140

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

14

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

3

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

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

Ahalia School of AEngineering and technology facilitates co-curricular and extra curricularactivities from the year 2012 onwards.The institution provides yoga, kabadi etc by inviting experts to motivate the students to participate in these activities. Also sports day is conducted year wise to prepare the students to participatein university competitions. Aset Soccer League and Aset Premium League are conducted year wise to bring out the talents ofthe students in football and cricket. Stucents council is active in the institution and election is conduct in every year to elect the representatives for the same. Arts Day is

conducted in every year and students with highest SGPA are honoured branch wise in the same day.

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

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

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

8

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

5.4 - Alumni Engagement

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

The Alumni Association was formed in the year 2016 under the title ASET ALUMNI ASSOCIATION. The Alumni Association exists to keep all former students of our institute in touch with the institution which will give a positive energy for both the current students and the alumni members. The alumni meet is conducted once in a year. The alumni association committee consists of a President, Vice-President, Secretary, Joint Secretary, Treasurer and executive members. The Alumni donates their valuable time to offer career support to current students. Their interaction with the students and their visit to the institution motivate the young minds. The alumni also help the students for their projects and give them technical supports. An engaged Alumni network allows the

College to benefit from the skills and experience of our graduates, by offering their support to our students, to the institution and to each other. One of the main purposes of alumni association is to support a network of former graduates who will, in turn, help to raise the profile of the university. The Alumni will be having a wider professional network which will be helpful for the students for higher studies and also for a better placement. Talented alumni will likely have a wealth of experience and skills to share with current students via talks, meetups and newsletters. Alumni are the first ambassadors for any institution.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) **D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institution sets a model through its governance and administration with the objective of moulding the students as socially responsible citizens. The governing principles are effectively implemented at all levels of various decision-making bodies like Governing council, Students council, IQAC etc., that address the academic and non-academic issues. The decentralization of powers in administrative processes and academic activities promote the participation of members of management and faculty. The institution, thus, ensures transparency and accountability in all its activities. The management considers the proposals of expenditure and approves them when they are in line with the Institution’s strategic plan. The IQAC conducts internal academic audits at regular intervals as prescribed by the University, and ISO requirements. External academic audits are scheduled and conducted by the University, which is being coordinated by the

IQAC of the institution.

File Description	Documents
Paste link for additional information	https://ahalia.ac.in/about/aset/
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 has an authority at all levels of the institutional hierarchy which empowers the individual participation starting from Principal to students at the college. The college operates independently under the guidance of the Governing Council. Principal delegates his powers to Vice Principal, Heads of the departments, Administrative Officer, Librarian, NSS officer, Training and Placement Officer and Exam Cell coordinator etc. They meet regularly to decide upon various activities and effective functioning of the college. The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. The principal serves as the academic and administtative head, whereas the teachers are members and conveners of various committees that are formed for the day-to-day functioning of the college. Teachers, through their autonomous interaction in these committees, contribute in a significant way to the participatory management of the institution. Administrative officer provides administrative support to academics. The Librarian acts as a channel between the library and its users. He looks after general maintenance of the library in terms of reading materials and infrastructure. The Exam Cell of the college makes proper arrangements for question paper setting, printing of question papers and all other incidental matters in connection with the smooth running of examinations.Training and placement officer acts as a referral of participants to job placement and coordinate job search. Office assistants handle organizational and clerical support tasks.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Ahalia School of Engineering & Technology has a futuristic strategic plan to fulfill the holistic development of the student community. ASET successfully implemented this important aspect of the Strategic Plan through a number of initiatives. One of the successfully implemented activities based on our strategic plans are ASET student,s placements in various institutions of Ahalia Foundation. Ahalia Group has been established in UAE and India which includes both Ahalia Group UAE and Ahalia Health Heritage and knowledge Village, Palakkad. It constitutes more than 100 organizations which includes Ahalia School of Engineering & Technology, Ahalia School of Management, Ahalia School of Pharmacy, Ahalia Foundation Eye Hospital etc. In Ahalia School of Engineering and Technology (ASET), we provide placements for ASET students in Ahalia group. That encompasses international and domestic Placements.

Ahalia Group has various projects such as Ahalia 1 MW Solar power plants, 8.4 MW wind plant, Ahalia Biogas plants, Construction of buildings for Colleges and hospitals, etc. So ASET students are placed in these projects as Project Engineers, Technical Staff, Maintenance and supporting Staff, etc. Also, Ahalia Foundation has a dedicated IT Department. The students from Computer Science Engineering and Electronics and Communication Engineering are placed here.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://ahalia.ac.in/activities/ccd/
Upload any additional information	**No File Uploaded**

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

The institute has a vision to be a centre of excellence in Education and Technology committed towards socio economic advancement of the country. The leadership of Ahalia School of Engineering and Technology is through participative management all the way through a structured organizational system with the

involvement of all the stakeholders. The hierarchy of the college administration has 4 levels. The top three levels include the governing body, Chairman, and the Principal respectively. The fourth and subsequent levels include various positions and operations under the supervision of the Principal. These operations and positions include Vice Principal, HODs, faculty and non- teaching staff, Office Administration, exam cell in charge, librarian, and various other standing committees. Each of these categories involve various subsections of activities where an individual or group is assigned duties and responsibilities. This includes excelling in teaching learning process, enhancing research capacities and outcomes, institute and industry interaction, extending collaborations and capacity building efforts, enabling inclusive and sustainable growth and promoting self-learning. ASET has been awarded the ISO 9001:2015 certification whose scope is provision for academic administration, management, and administrative support services for conducting educational programmes with the award of credits and grades. Detailed quality manuals mapping processes with key performance indicators have been prepared and deployed. ASET successfully implemented this important aspect of the Strategic Plan through a number of initiatives. One of the successfully implemented activities based on our strategic plans are ASET students' placements in various institutions of Ahalia Foundation.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	https://ahalia.ac.in/wp-content/uploads/2024/05/organogram-.pdf
Upload any additional information	**No File Uploaded**

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Ahalia School of Engineering is a green eco-friendly campus which helps to build up a perfect work life balance for the faculty. We have a heritage village in the campus with an art museum and a lot of paintings, carvings etc.The satisfaction in a job would depend on many factors like remuneration, working conditions, growth prospects, support for employees and several other factors. The welfare activities of the institute, consisting of EPF/ESI government supported benefits for the staff members, in addition work commuting, five days' work per week, planned vacations, leaves including maternity leave,employee welfare schemes and talent development initiatives. We have a finance support (Ahalia Fin forex) System which enables the staff and students to avail loan and purchase laptops through EMI scheme. Our hospitals also support the staff and students by providing free outpatient consultation and a considerable discount in the inpatient service. The institute provides group life insurance for the staff, students and for their parents. Stress relief programmes are arranged occasionally to help the staff members to feel relaxed. These activities help in increasing the oneness among the staff members which helpsin a steady working environment. There is a full time psychologist in the college for counselling purpose.These kind of motivation helps a lot to bring out the best in faculty.

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

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

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

2

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

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

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

5

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

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

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

37

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The perfromance appraisal form is divided into four different sections and each section deals with a variety of aspects regarding the staff performance. ASET'S TPA system is designed to promote teacher development, provide meaningful appraisals of performance, and identify opportunities for additional support and to provide a measure of accountability. The first section of the form comprises general information. The second section deals with curricular activities carried out by the faculty, University exam results in theory subjects handled in the previous semester, laboratories handled, and the projects guided during the assessment period. Section three seeks to find out any other relevant information, namely any awards, honours or patents received by the faculty and list of publications. The final section is at the total disposal of the HODs and the Principal. Here the faculty is rated from one to four based on their performance.Student feedback for all the faculty members are considered and the results are anlysed. These duly filled forms are then further analysed and the feedback thus obtained is judiciously addressed for the betterment of the teaching learning process. In case where lack of quality is observed, the faculty in question is counselled and further remarks are made to improve the performance.

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

6.4 - Financial Management and Resource Mobilization

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

The internal audit is done regularly by Ahalia audit team. We tabulate the advanced amount and expenditure of various counts, and the final settlement would then be prepared by the authorities concerned. This is then submitted to the finance department for scrutiny. Also, when the bulk purchase of materials like exam books, records for various departments etc are being done, the same is distributed to various departments as per the requirement and the surplus is kept in the store. The excess materials are utilized in the further semesters and then the settlement for that is prepared and submitted to accounts for scrutiny.

As a part of the internal auditing process, we have a separate materials auditing team who thoroughly check stock registers of all departments and library books. In case any damages/loss, they prepare a report for the same. Thus, we ensure the proper upkeep of all materials and the purchase related vouchers to avoid any loss. These periodical internal auditing, evidently helps to keep track of quality of materials purchased and longevity of equipment for future purposes.

Likewise, during the course of external auditing, we used to provide all expenses incurred purchase of all lab consumables, running expenses like electricity, internet, housekeeping and maintenance and the review is done regularly.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers

during the year (not covered in Criterion III)

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

1

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

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

The institution has a well sought out plan for its distribution of resources and funds from various sources (government and non-government organizations). Prime strategies of the institution for the mobilization of funds are through the collection of fees like tuition, admission caution deposits etc. In addition to that, we act as the centre of online exams for various government and private sector organizations. We also make use of our sister institutions infrastructure to support the smooth conduct of such exams.

The mobilized funds are utilized for conducting training programs like placements, soft skill development, communication skills, social awareness programs and outsourcing external agencies. All these measures help to enhance the overall quality of the students.

Resource mobilization is also carried out by following means:

Students’ fees

Renting of available infrastructure

Optimal utilisation of resources

The college aims at promoting research, development, consultancy, and such other activities, involving the faculty at various levels.

Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Interdisciplinary activities, training programmes, Refresher Courses that ensures quality education.

The optimal utilization is ensured through encouraging innovative teaching-learning practices.

The college infrastructure is utilized as an examination centre for Government examinations/University Examinations.

The Library Advisory Committee takes care that the resources in the library are utilized optimally.

Some of the funds are allocated for social service activities as part of social responsibilities through NSS and NCC.

Renovation of additional infrastructures.

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

6.5 - Internal Quality Assurance System

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

Ahalia School of Engineering and Technology (ASET) aims in producing quality students by focusing on providing better education through its novel, flexible, and adaptive educational techniques. The Quality assurance cell of the college was constituted in the year 2018. Since then, the IQAC wing strives to improving the college infrastructure and overall facilities available to maintain good quality education. It continuously evaluates and provides the parameters for quality education

The objectives of the IQAC:

•To create an effective system that collects feedback and suggestions from students and parents for the improvement of the Institution and takes the necessary step in implementing the same.

•To make sure that continuous improvement happens in the entire

operation of the Institution. •To ensure the quality of the stakeholders connected with colleges, such as parents, faculty and staff.

•To offer an improved level of clarity and importance in Institutional functioning towards quality attainment and incorporation of the quality culture

•It provides input for better practices in administration by efficient use of available resources and thus offering a better service to students and staff. •It acts as an effective system for quality changes to happen in the Institution and provides a better channel for internal communication. •Development of quality parameters for the various academic and administrative activities of the institution and implementing the same. •Organization and documentation of various activities leading to quality enrichment through workshops and seminars.

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

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

IQAC has suggested conducting internal Academic Audits to make sure that all the necessary documents for an effective teaching-learning process is maintained. Apart from it, an external ISO quality management system audit is conducted by Bureau Veritas, an ISO certification provider. The institution also has an effective feedback system to evaluate the teachers. Feedback are collected from students twice every semester and this helps in improving the quality of the teaching-learning process and helps in understanding the difficulties faced in the subject by the students. A personal logbook is maintained to keep a record of attendance, internal marks, and other academic-related activities. Faculty members record the attendance and details of the lecture along with the topics covered in the log book after the completion of each lecture. Result analysis performed by the institute after the publication of university exam results helps in analysing the performance of students. If the result of the students in a subject is found to be below par, then adequate steps are taken to

realize the reasons, and the concerned faculty member is advised and inspired to achieve improved results by attending FDPs and webinars.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ahalia.ac.in/wp-content/uploads/2024/05/annual-report-2022-23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. **All Ahalia School of Engineering & Technology operations empower women. College staff and professors are women. Lots of women perform housekeeping and admin. Regulations provide working moms maternity leave. Private, secure female**

hostels. Instructors and women wardens help. College, dorm, and classroom CCTV cameras track students entering and leaving. College security is ready. Students cannot ride two-wheelers on campus for safety. Every lab and corridor contains fire extinguishers. Anti-ragging committee will abolish college ragging. College ragging is deterred by timely patrols. School grievance and welfare committees address institutional challenges. College committees or the complaint box accept complaints. Girls have a gym, shuttle badminton, and table tennis. ASET students use Ahalia Counselling. Girls and boys get academic, career, and behavioural coaching. Child counsellors help mentally, emotionally, and individually. Kids remain happy and handle stress using it.

Activities for gender equality and awareness include girls' sports and games. Cultural club activities Anti-Dowry, Women's Day Malayali Manka hosts Ahalia Grihalakshmi Vedi's interactive lectures for women. Each gender sensitization workshop covers Indian gender problems. Students will explore gender's biological, social, psychological, and legal elements. Research, life, literature, films, facts. Female and male students and professionals will live and work.

File Description	Documents
Annual gender sensitization action plan	NIL
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	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

B. Any 3 of the above

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

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

Inspired by Swachh Bharath, the college took several steps to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeling is used on all kinds of bins to help users discard various type of waste avoiding manual segregation.Institute practices the segregation of Solid Waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The waste bins are placed separately for dry and wet waste at every corner of the corridor, wash rooms and common rooms. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handed over to municipal waste collection agency for further treatment. The dry & wet waste is collected and dumped in the manually fed Incinerator with a capacity of 50-75kg/ hour. We have two biogas plants inside campus. We have 5 STPs commissioned at hospitals and hostels and one ETP commissioned at Ahalia Medicine Manufacturing Unit. STPs and Biogas plants are the main examples of the reuse of resources inside the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Uploaded in the below link
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

C. Any 2 of the above

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

7.1.7 - The Institution has disabled-friendly,

B. Any 3 of the above

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

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

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

Zaaga is a two day national level tech fest organized in the college premises. Students from South India participated in the technical events. Project Expo and Paper Presentation were the main events of the tech fest. Apart from this several other technical events were organized by five departments of ASET along with the Science & Humanities department. Prizes were distributed to the winners of different technical events. Students also showcased their technical skill by displaying various models of technical brilliance.

Commemorative days like Women’s day, Yoga day, Cancer day, Earth day along with many regional festivals like Onam and Christmas are celebrated in the college. This establishes positive interaction among people of different racial and cultural backgrounds.

Onam is the annual harvest festival of the State. Though its origins are often attributed to Hindu Mythology, Onam is celebrated as the cultural festival for all communities in Kerala.

Students and staff of the college celebrate Onam every year with enthusiasm. Departments and college unions organise different games, performances and food feast called ‘Sadhya’ to celebrate Onam which ensures unity among students from various communities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

The IEEE Student Branch, IEEE Antennas and Propagation Society (APS) Student Branch Chapter, IEEE Women In Engineering (WIE) SB Affinity Group of ASET organized a competition titled “Know UR Community”. A Two-week Induction program was conducted for freshers on ‘Valedictory Function - Universal Human Values’, which was concluded on 08 August 2022. The NSS cell of ASET also scheduled a talk on the topic ‘Constitutional Values and Fundamental Principles of Indian Constitution’,as a part of the celebration of the ‘Constitutional Day’ on 26th November 2022.The NSS activities of our campus have a philanthropic affinity. On 15 October 2022, an Anti-drug awareness class was conducted in association with the Excise Department of Kerala. On 1 October 2022. A blood donation camp was also conducted by NSS unit of ASET on Nov 17 2022. ASET in association with Unnat Bharat Abhiyan organized a One-Day Workshop on Plastic Pollution Control on 19th December 2022. Activities were conducted every year at college level to celebrate Constitution Day(26th November), National Voters Day(25th January), Republic Day(26th January), International Mother Language Day(21st Febuary), International Women’s Day(8th March), Independence Day(15th August), Teachers' Day(5th September), National Unity Day(31st October), Flag Day(7th December) etc.

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

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

D. Any 1 of the above

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

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

The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. All celebrations are carried out with great enthusiasm to inculcate a sense of patriotism in the students. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. Our institution is a hub of activity where events happen around the year. The activities organized by the departments and student clubs gives this unique campus a vibrant and lively atmosphere. The NSS unit council organize many cultural programs prevailing social issues. The students, staff, and alumni participate and rejoice during this celebration with great patriotism.

Many international and national days has been celebrated in our college like Independence Day, Teachers Day, Engineers Day, International Women’s Day, World Earth Day etc. The programmes conducted on behalf of these days was an opportunity for students

to showcase their talents and exercise their creativity through different mediums such as art, music, dance etc. The institute organises project exhibitions and also conducts technical events. Institution takes special efforts to promote technical culture by organising activities under various professional bodies.

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	**No File Uploaded**
Any other relevant information	View File

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. Promotion of arts, heritage and culture along with academics

2.Upkeep of sustainable and eco-friendly campus in the arid and rain shadow region

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	**No File Uploaded**

7.3 - Institutional Distinctiveness

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

“A Campus Self-sufficient in Energy, Water and Residential Accommodation”

“Self-sufficiency is the ability to maintain oneself with an extreme confidence in one’s own ability or worth”. This core insight was one of the missions set by our founders, with this spirit of sincerity that laid the stepping stone to become a self-sufficient campus with sustainable surroundings. Located in water scarce and rain shadow region and lying adjacent to the second largest Industrial area in Kerala, Ahalia was set up on an arid

extent of land, with rare green sprouts and absence of water. Journey of Ahalia from a barren land with an area surrounded by lush green flora and fauna is magnificent scenery. Ahalia is enriched with its impeccable resources and self-sufficient method in dealing with such accomplishments is highly acclaimed throughout the state. Situated around 2300 acres of land, Ahalia School of Engineering has its own earmarked area inside the Ahalia integrated Campus.

Energy

Ahalia is one of the pioneers of large scale production of alternate energy solutions in North Kerala and is committed to the development of alternate energy sources to fuel growth.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

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

In order to ensure efficiency in the curriculum delivery process the departments of the college begins every year with a detailed and comprehensive plan with the help of the academic calendar. Further, regular meetings, discussions and reviews both at college and department level ensures that the outcomes, goals and deliverables are being met on time.

Our teachers regularly update their knowledge through active involvement in Research and Faculty Development Programmes. All of our faculty members are part of evaluation process at University level. The college employs technologically enabled infrastructure and facilitate various internships, projects and field trips.

The departments in the college adopted a learner-centric approach towards teaching. Concise notes of the course are provided to the students to help them understand the topic in a better manner. The departments have also made arrangements for remedial classes and tutorials as per the needs of the learners. There are provisions for oral presentations, monthly assessments, surprise tests, assignments and dissertations.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ahalia.ac.in/wp-content/uploads/2024/05/Additional-Document-1.1.1.pdf

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

The academic calendar lays out the teaching-learning hours, which enables teachers to plan for their lectures in advance,

complete the syllabus on time and ensures that adequate time and resources have been allotted according to the requirement and needs of the learners.

Thus the academic calendar helps to meet the desired learning outcome targets. The academic calendar is prepared in accordance with holidays and examination dates as per University calendar. This enables teachers to evaluate their own performance and monitor the preparedness of the learners.

Every teacher in the different departments of the college prepare a course lesson plan and record the progress of the completion of the course. This also helps teachers to review the effectiveness of the teaching-learning process in the classroom and make necessary adjustments as per the requirements of the class.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://ahalia.ac.in/wp-content/uploads/2024/05/1.1.1.1.-Academic-Calender-2022-2023.pdf

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	**D. Any 1 of the above**

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

1.2 - Academic Flexibility

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

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

5

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

11

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

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

5

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

5

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Our institution takes a comprehensive approach to education, integrating crosscutting issues crucial for professional development. Through our curriculum, we prioritize Professional Ethics, Gender Equality, Human Values, Environmental Responsibility, and Sustainability.

Professional Ethics: We instill ethical principles essential for responsible decision-making and conduct in various professions, ensuring our graduates uphold integrity and accountability.

Gender Equality: Our curriculum addresses gender biases, promotes inclusivity, and fosters a supportive environment where all individuals have equal opportunities to thrive.

Human Values: We emphasize the importance of compassion, empathy, and respect for diverse perspectives, nurturing students to become socially conscious and culturally sensitive professionals.

Environment and Sustainability: Recognizing the urgency of environmental challenges, we integrate concepts of sustainability, resource management, and eco-consciousness across disciplines, empowering students to contribute positively to a more sustainable future.

By embedding these crosscutting issues into our curriculum, we equip our students not only with technical expertise but also

with the values and mindset necessary to navigate complex global issues responsibly and ethically.

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

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

11

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

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

173

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

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

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

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

39

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

2.2 - Catering to Student Diversity

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

Special Bridge Courses are conducted for all students in order to acclimatise with the college environment and Engineering studies.

Response:

Two week Bridge courses are conducted for

1.Analytical theory courses

2.Communication skills

3. Universal Human values

After every internal test, for every subject, the faculty handling the subject categories the students into three groups viz. Slow learners, average and fast learners (if any). The list is collected and the class advisor consolidates it in form ASET-(Dept.Code)/DS05/004. For slow learners and average students (if needed), remedial classes are to be conducted. After the completion of remedial classes, students are to be assessed on the topics covered in the remedial classes. For

fast learners, minor and honor classes are to be conducted as per the university norms. After the completion of remedial, minor or honor classes, the portions taught in those classes have to be evaluated by assessing the students' performance.

File Description	Documents
Link for additional Information	https://ahalia.ac.in/blog/2022/11/
Upload any additional information	View File

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

Number of Students	Number of Teachers
618	65

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Students clubs conduct Weekly Quizzes and Competitions Students' IEDC is enhanced by providing opportunities to operate outside of their perceived comfort zones with more interdisciplinary projects. Industrial Visits are organized to enhance students' learning experiences. Dismantling of machines was done to incorporate experiential learning among mechanical engineers Students from EEE Department were actively involved in making of sanitiser machine Participative Learning Add On Courses: Add on Courses are provided at College level and certificates are issued for the same Well organized student chapters are formed with support from various professional bodies like ISTE, CSI, IETE, IEI, IEEE,IEDC etc. for students to organize reputed International/National events. Programming contest and Hackathons to build their problem solving and Analytical skills. Internship opportunities empower the learners to augment them with learn-by-doing skills. Aptitude and Programming Training by external experts are done at regular intervals Group competitions like idea pitching competitions were conducted Employability Enhancement Programmes: These Programme are organized under the Placement

Cell of the College for students to set their goals.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ahalia.ac.in/blog/2023/03/

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

ASET aims to provide quality education through innovative teaching-learning methodology by using

1.Course material presentation using multimedia

2. Youtube videos by faculty

3.Collaborative Learning using google classroom

4.Simulation Tool

5.Webinars to explore technical skills

7.NPTEL videos

8.Online course methodology

9.Online quiz through Google forms

10.Laboratory Presentation

11.Hands on training classes

The innovativeness in teaching is included in the content of the course file. The faculty members are pursuing verified certificate online courses from foreign universities like Michigan University, John Hopkins University, Stanford University, University of colorado every year through EDx and coursera in order to enrich the knowledge and disseminate to the students. The learning experiences through these courses helped the teachers for teaching methodology. Field visits are arranged for all students through which real time

implementation can be visualized. The faculty members are visiting core industries which help to deliver application oriented teaching.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://ahalia.ac.in/about/facilities/

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

26

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

2.4 - Teacher Profile and Quality

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

65

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

10

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

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

2.4.3.1 - Total experience of full-time teachers

409

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

One week before the start of the exam, one set of question paper is submitted to the exam cell by the class advisor, with the approval of the Scrutiny committee of the department and HoD.Invigilation duty chart is prepared by the exam cell coordinator.Exams are conducted as per the University procedure.Exam booklets are submitted to the exam cell after completionof the exam.Exam booklets are handed over to the concerned faculty on thesame day.Evaluated exam booklets are submitted to the exam cell withinfive working days after completion of the examination

After every internal , for every subject, the faculty handling the subject categories the students into three groups viz. Slow

learners, average and fast learners . The list is collected and the class advisor consolidated. For slow learners and average students , remedial classes are to be conducted. After the completion of remedial classes, students are to be assessed on the topics covered in the remedial classes. For fast learners, minor and honor classes are to be conducted as per the university norms. After the completion of remedial, minor or honor classes, the portions taught in those classes have to be evaluated by assessing the students' performance.

File Description	Documents
Any additional information	View File
Link for additional information	https://ahalia.ac.in/academics/examinations/

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

The Institute has a well established and defined processes relating to evaluation – examination grievances redressed. This Process is Grievances related to the internal evaluation marks are referred to the Principal of the institute through Academic coordinator. Then the Principal, concerned subject teaching faculty and Academic coordinator resolved the grievances on the basis of documentation.

Online examinations: The effective implementation of the online examination is ensured by way of display of online examination timetable, appointment of eligible internal supervisors and use of CCTV cameras for monitoring of online examinations In-semester examination. KTU appoints external senior supervisor to monitor the whole examination conduction process in fair and transparent manner, for smooth conduction of University theory examination, Senior Supervisor is appointed who looks after overall conduction of the examination. Junior supervisors are appointed for invigilation. During examination higher authorities surprise visit are taken appointment of Internal squads by institute. Principal and Dean Academics conducts a meeting with all faculty members before every semester examination regarding the smooth conduct/implementation of examination rules, where all faculty members can give their suggestion on various aspects of examination and evaluation based upon the previous examinations. This enables further improvement in the subsequent examination and evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://ahalia.ac.in/academics/examinations/

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.

Details on how the students and staff are made aware of these

• The Outcomes-based Curriculum is designed to meet students' current needs in terms of securing their path to higher education or a terminal degree, as well as guiding students toward career choices.

• The learning objectives are communicated through various means, including a college prospectus, the principal's address to students and parents, alumni meetings, classroom distribution by concerned staff and answer booklets for internal tests

• These are also prominently displayed on college boards, course logbooks, and other publications distributed at conferences and seminars.

• These Learning outcomes are an essential component of the college's vision, mission, and objectives.

• Informing stakeholders, particularly parents, persuades students to pursue skill-oriented and value-based courses.

• Students learn about the course outcomes through an orientation programme, classroom discussions, expert lectures, and practical.

• Teachers are also well informed about the results.

• Successful alumni students are also invited to interact with both students and teachers at specific events and meetings where they share how their specific course helped them.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ahalia.ac.in/academics/departments/civil-engineering/ce-about/
Upload COs for all courses (exemplars from Glossary)	View File

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

Assessment is done using both direct and indirect tools.Only direct tools (Internal marks and university exam grades) are used to assess CO attainment.Both tools are given an equal weightage of 50 percent

CO attainments is calculated as:CO attainment = (attainment through internal mark×weightage of internal mark)+(attainment through university grade×weightage of university grade).The CO is attained if the attainment is equal to or greater than the target

Assessment of POsPO assessment and its attainment is ensured through overall CO attainment and the indirect tools.Weightage for overall CO attainment is fixed as 85%.PO attainment through CO attainment is calculated as follows:PO Attainment through CO =(CO & PO Mapping Average (target for that PO))÷8.3)×CO Attainment for that individual courseThe indirect tools considered are: Programme end survey (5% weightage), Alumni survey (5% weightage) and Employer survey (5% weightage)PO Attainment = 85% of PO attainment in Direct Tools + 15% of Indirect ToolsIf the attainment is equal to or greater than the target, then that PO is attained. If not, appropriate steps and an action plan should be proposed and implemented so that the PO is attained for the next consecutive batch of students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ahalia.ac.in/wp-content/uploads/2022/12/2.6.1-CO-PO.pdf

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

124

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://ahalia.ac.in/wp-content/uploads/2024/05/annual-report-2022-23.pdf

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://docs.google.com/forms/d/e/1FAIpQLSeIAY5b1LeXYMMfZaAVZF4lhazPiGXsiTD6zc1Zdt6AkWB0vw/viewform

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)

0

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
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

11

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

3.2 - 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

16

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

3.2.2 - 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

9

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

3.3 - Extension Activities

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

Various extension activities include NSS, IEDC, Nature club, Unnath Barath Abhiyan, Ensave club etc. The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It helps students of Technical Institution to take part in various government led community service activities & programmes. The sole aim of NSS is to provide hands on experience to young students in delivering community service.The Innovation and Entrepreneurship Development Centre (IEDC) in Ahalia School of Engineering and Technology is an initiative ofKerala Startup Missionunder Startup Bootcamp Scheme of Government of Kerala. Under this scheme, financial assistance is given to selected colleges for supporting innovative products.The mission of the IEDCs is to “develop institutional mechanism to create entrepreneurial culture in academic institutions to foster growth of innovation and entrepreneurship amongst the faculty and students “. The IEDC in ASET frequently organizes programs in collaboration withDirectorate of Industries and Commerce (DIC), Palakkad, Govt. of Kerala,Entrepreneurship Development

Institute of India (EDII),Kerala State Council for Science, Technology and Environment (KSCSTE).ASET is recognized as a participating institute under Unnat Bharat Abhiyan, which is a Government of India initiative aimed at the upliftment of the villages.

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	No File Uploaded
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

30

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

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

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

200

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

3.4 - Collaboration

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

2

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

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

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

4

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Ahalia School of Engineering and Technology established in the year 2012, is one among the educational institutions of Ahalia Colleges. The college is approved by All India Council of Technical Education (AICTE) and is affiliated to Abdul Kalam Technological University, Kerala. Ahalia School Of Engineering and Technology offers five Bachelor of Technology (B.Tech.) courses in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering. The college possesses a good infrastructure with a pleasing environment which is ideal for students for their holistic development. The college building comprises well equipped classrooms with ICT facilities, tutorial rooms, seminar halls, laboratories, Entrepreneurship Development Cell and library. Ahalia promotes a wide range of sporting events in the college campus.

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

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

The college is well equipped with most of the sporting equipment for the students and staff to develop their physical and intellectual capabilities. The college conducts sports events like inter-college and intracollege athletic meets, cricket and football tournaments etc. The college has a playground for the conduct of co-curricular activities in the college and sports events. There is a basketball court for the faculties and students of the campus. The ground has a football ground as well as provisions for conducting the athletic meets inside the campus with a 400m track capacity. Indoor games include provisions for table tennis and shuttle badminton courts. Annual athletic meets are conducted every year to bring up the emerging athletes among the students. The college has well established gym facilities for the students as well as faculties. The facilities include a wide range of weight lifting equipment and machinery for cardio exercises. The gymnasium is equally divided for both males as well as females along with physiotherapists. The students and faculties can avail these facilities anytime for improving their physical and mental health and lead a beautiful college life. Ahalia is equipped with a calm and quiet yoga training facilities inside the campus. It provides a peaceful atmosphere for the students and all the members of staff and family members to practice yoga. We have trained yoga trainers inside the campus. Yoga is usually practiced in the morning and evening sessions. Yoga training sessions are conducted for a duration of 3 weeks.

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

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

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0.158

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

4.2 - Library as a Learning Resource

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

The ASET Central Library aims at providing access to its printed resources such as books and journals as well as electronic journals and online databases primarily for the use of students, faculty and staff of ASET. The library stock is 15370 books and increasing at a rate of 1,250 plus books a year. The library also subscribes to over 39 current periodicals and to a range of electronic journals and databases. The College Library is administered by the Library Committee, consisting of HoD of ECE as Chairman, Librarian as Convener, and one staff from each Department as committee members. The day-to-day running of the library is conducted by the librarian who is assisted by the library staff.Any member of ASET may recommend the purchase of a desired or relevant

book to the librarian.The library offers at present 9 User Computers that are on the network for users to access the internet, online journals, and other databases. Computer facilities are provided for academic work. Users are not permitted to install any software or programs on any of these PCs The Library’s Online Public Access Catalogue (OPAC) can be accessed on the Internet and Intranet to search all the bibliographic records available in the Library database. The OPAC can be searched by author, title, subject, keywords, and publisher which is available 24 hours.

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

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

2.610

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

48

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Network Infrastructure: This forms the backbone of the IT infrastructure, consisting of wired and wireless networks connecting various devices across the campus. It includes routers, switches, access points, cables, and other networking equipment.

Internet Connectivity: High-speed internet connectivity is essential for research, online learning, communication, and administrative functions. Colleges typically have dedicated internet connections with sufficient bandwidth to accommodate the needs of students, faculty, and staff.

Software and Applications: Colleges provide access to a wide range of software and applications for productivity, research, collaboration, and learning. This may include productivity suites, academic software, research tools, learning management systems, and specialized applications for specific disciplines.

Security Infrastructure: With the increasing threat of cyber attacks, colleges invest in security infrastructure to protect their networks, data, and users. This includes firewalls,

intrusion detection/prevention systems, antivirus software, encryption tools, and security policies and procedures.

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

4.3.2 - Number of Computers

173

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

289.57

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

- **Facilities Management Plan: This plan outlines the overall strategy for managing and maintaining facilities, including schedules for regular inspections, maintenance tasks, and upgrades. It also includes protocols for handling emergencies and ensuring compliance with safety regulations.**
- **Inventory Management: A systematic approach to inventory management ensures that all necessary supplies, equipment, and materials are readily available for use. This includes maintaining accurate records of inventory levels, conducting regular audits, and restocking as needed.**
- **Maintenance Procedures: Defined procedures for maintaining facilities, equipment, and infrastructure are essential for prolonging their lifespan and ensuring optimal performance. This includes routine maintenance tasks such as cleaning, servicing, and repairing equipment, as well as scheduling major upgrades or renovations as required.**
- **Utilization Guidelines: Clear guidelines for the use of facilities help ensure equitable access for all users and maximize the efficient use of resources. This may include scheduling protocols for classrooms, laboratories, and sports facilities, as well as policies for reserving equipment or spaces in advance.**
- **Training and Support: Providing adequate training and support to staff and users is essential for ensuring that facilities are utilized effectively and safely. This may involve offering training sessions on equipment operation, safety protocols, and best practices for facility use.**

- **Technology Integration: Incorporating technology into facility management processes can streamline operations and enhance the user experience. This may include implementing automated systems for scheduling and reservations, utilizing digital platforms for resource management, and integrating smart technologies for energy efficiency and security.**

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

47

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

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

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

83

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

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

B. 3 of the above

File Description	Documents
Link to institutional website	NIL
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

186

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

186

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

140

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

14

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

3

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

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

Ahalia School of AEngineering and technology facilitates co-curricular and extra curricularactivities from the year 2012 onwards.The institution provides yoga, kabadi etc by inviting experts to motivate the students to participate in these activities. Also sports day is conducted year wise to prepare the students to participatein university competitions. Aset Soccer League and Aset Premium League are conducted year wise to bring out the talents ofthe students in football and cricket. Stucents council is active in the institution and election is conduct in every year to elect the representatives for the same. Arts Day is conducted in every year and students with highest SGPA are honoured branch wise in the same day.

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

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

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

8

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

5.4 - Alumni Engagement

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

The Alumni Association was formed in the year 2016 under the title ASET ALUMNI ASSOCIATION. The Alumni Association exists to keep all former students of our institute in touch with the institution which will give a positive energy for both the current students and the alumni members. The alumni meet is conducted once in a year. The alumni association committee consists of a President, Vice-President, Secretary, Joint Secretary, Treasurer and executive members. The Alumni donates their valuable time to offer career support to current students. Their interaction with the students and their visit to the institution motivate the young minds. The alumni also help the students for their projects and give them technical supports. An engaged Alumni network allows the College to benefit from the skills and experience of our graduates, by offering their support to our students, to the institution and to each other. One of the main purposes of alumni association is to support a network of former graduates who will, in turn, help to raise the profile of the university. The Alumni will be having a wider professional network which will be helpful for the students for higher studies and also for a better placement. Talented alumni will likely have a wealth of experience and skills to share with current students via talks, meetups and newsletters. Alumni are the first ambassadors for any institution.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institution sets a model through its governance and administration with the objective of moulding the students as socially responsible citizens. The governing principles are effectively implemented at all levels of various decision-making bodies like Governing council, Students council, IQAC etc., that address the academic and non-academic issues. The decentralization of powers in administrative processes and academic activities promote the participation of members of management and faculty. The institution, thus, ensures transparency and accountability in all its activities. The management considers the proposals of expenditure and approves them when they are in line with the Institution's strategic plan. The IQAC conducts internal academic audits at regular intervals as prescribed by the University, and ISO requirements. External academic audits are scheduled and conducted by the University, which is being coordinated by the IQAC of the institution.

File Description	Documents
Paste link for additional information	https://ahalia.ac.in/about/aset/
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 has an authority at all levels of the institutional hierarchy which empowers the individual participation starting from Principal to students at the college. The college operates independently under the guidance of the Governing Council. Principal delegates his powers to Vice Principal, Heads of the departments, Administrative Officer, Librarian, NSS officer, Training and Placement Officer and Exam Cell coordinator etc. They meet regularly to decide upon various activities and effective functioning of the college. The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. The principal serves as the academic and administtative head, whereas the teachers are members and conveners of various committees that are formed for the day-to-day functioning of the college. Teachers, through their autonomous interaction in

these committees, contribute in a significant way to the participatory management of the institution. Administrative officer provides administrative support to academics. The Librarian acts as a channel between the library and its users. He looks after general maintenance of the library in terms of reading materials and infrastructure. The Exam Cell of the college makes proper arrangements for question paper setting, printing of question papers and all other incidental matters in connection with the smooth running of examinations.Training and placement officer acts as a referral of participants to job placement and coordinate job search. Office assistants handle organizational and clerical support tasks.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Ahalia School of Engineering & Technology has a futuristic strategic plan to fulfill the holistic development of the student community. ASET successfully implemented this important aspect of the Strategic Plan through a number of initiatives. One of the successfully implemented activities based on our strategic plans are ASET student,s placements in various institutions of Ahalia Foundation. Ahalia Group has been established in UAE and India which includes both Ahalia Group UAE and Ahalia Health Heritage and knowledge Village, Palakkad. It constitutes more than 100 organizations which includes Ahalia School of Engineering & Technology, Ahalia School of Management, Ahalia School of Pharmacy, Ahalia Foundation Eye Hospital etc. In Ahalia School of Engineering and Technology (ASET), we provide placements for ASET students in Ahalia group. That encompasses international and domestic Placements.

Ahalia Group has various projects such as Ahalia 1 MW Solar power plants, 8.4 MW wind plant, Ahalia Biogas plants, Construction of buildings for Colleges and hospitals, etc. So ASET students are placed in these projects as Project Engineers, Technical Staff, Maintenance and supporting Staff, etc. Also, Ahalia Foundation has a dedicated IT Department. The students from Computer Science Engineering and Electronics and

Communication Engineering are placed here.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://ahalia.ac.in/activities/ccd/
Upload any additional information	**No File Uploaded**

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

The institute has a vision to be a centre of excellence in Education and Technology committed towards socio economic advancement of the country. The leadership of Ahalia School of Engineering and Technology is through participative management all the way through a structured organizational system with the involvement of all the stakeholders. The hierarchy of the college administration has 4 levels. The top three levels include the governing body, Chairman, and the Principal respectively. The fourth and subsequent levels include various positions and operations under the supervision of the Principal. These operations and positions include Vice Principal, HODs, faculty and non- teaching staff, Office Administration, exam cell in charge, librarian, and various other standing committees. Each of these categories involve various subsections of activities where an individual or group is assigned duties and responsibilities. This includes excelling in teaching learning process, enhancing research capacities and outcomes, institute and industry interaction, extending collaborations and capacity building efforts, enabling inclusive and sustainable growth and promoting self-learning. ASET has been awarded the ISO 9001:2015 certification whose scope is provision for academic administration, management, and administrative support services for conducting educational programmes with the award of credits and grades. Detailed quality manuals mapping processes with key performance indicators have been prepared and deployed. ASET successfully implemented this important aspect of the Strategic Plan through a number of initiatives. One of the successfully implemented activities based on our strategic plans are ASET students' placements in various institutions of Ahalia Foundation.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	https://ahalia.ac.in/wp-content/uploads/2024/05/organogram-.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Ahalia School of Engineering is a green eco-friendly campus which helps to build up a perfect work life balance for the faculty. We have a heritage village in the campus with an art museum and a lot of paintings, carvings etc.The satisfaction in a job would depend on many factors like remuneration, working conditions, growth prospects, support for employees and several other factors. The welfare activities of the institute, consisting of EPF/ESI government supported benefits for the staff members, in addition work commuting, five days' work per week, planned vacations, leaves including maternity leave,employee welfare schemes and talent development initiatives. We have a finance support (Ahalia Fin forex) System which enables the staff and students to avail loan and purchase laptops through EMI scheme. Our hospitals also support the staff and students by providing free outpatient

consultation and a considerable discount in the inpatient service. The institute provides group life insurance for the staff, students and for their parents. Stress relief programmes are arranged occasionally to help the staff members to feel relaxed. These activities help in increasing the oneness among the staff members which helpsin a steady working environment. There is a full time psychologist in the college for counselling purpose.These kind of motivation helps a lot to bring out the best in faculty.

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

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

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

2

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

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

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

5

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

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

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

37

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The perfromance appraisal form is divided into four different sections and each section deals with a variety of aspects regarding the staff performance. ASET’S TPA system is designed

to promote teacher development, provide meaningful appraisals of performance, and identify opportunities for additional support and to provide a measure of accountability. The first section of the form comprises general information. The second section deals with curricular activities carried out by the faculty, University exam results in theory subjects handled in the previous semester, laboratories handled, and the projects guided during the assessment period. Section three seeks to find out any other relevant information, namely any awards, honours or patents received by the faculty and list of publications. The final section is at the total disposal of the HODs and the Principal. Here the faculty is rated from one to four based on their performance.Student feedback for all the faculty members are considered and the results are anlysed. These duly filled forms are then further analysed and the feedback thus obtained is judiciously addressed for the betterment of the teaching learning process. In case where lack of quality is observed, the faculty in question is counselled and further remarks are made to improve the performance.

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

6.4 - Financial Management and Resource Mobilization

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

The internal audit is done regularly by Ahalia audit team. We tabulate the advanced amount and expenditure of various counts, and the final settlement would then be prepared by the authorities concerned. This is then submitted to the finance department for scrutiny. Also, when the bulk purchase of materials like exam books, records for various departments etc are being done, the same is distributed to various departments as per the requirement and the surplus is kept in the store. The excess materials are utilized in the further semesters and then the settlement for that is prepared and submitted to accounts for scrutiny.

As a part of the internal auditing process, we have a separate materials auditing team who thoroughly check stock registers of

all departments and library books. In case any damages/loss, they prepare a report for the same. Thus, we ensure the proper upkeep of all materials and the purchase related vouchers to avoid any loss. These periodical internal auditing, evidently helps to keep track of quality of materials purchased and longevity of equipment for future purposes.

Likewise, during the course of external auditing, we used to provide all expenses incurred purchase of all lab consumables, running expenses like electricity, internet, housekeeping and maintenance and the review is done regularly.

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

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

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

1

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

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

The institution has a well sought out plan for its distribution of resources and funds from various sources (government and non-government organizations). Prime strategies of the institution for the mobilization of funds are through the collection of fees like tuition, admission caution deposits etc. In addition to that, we act as the centre of online exams for various government and private sector organizations. We also make use

of our sister institutions infrastructure to support the smooth conduct of such exams.

The mobilized funds are utilized for conducting training programs like placements, soft skill development, communication skills, social awareness programs and outsourcing external agencies. All these measures help to enhance the overall quality of the students.

Resource mobilization is also carried out by following means:

Students’ fees

Renting of available infrastructure

Optimal utilisation of resources

The college aims at promoting research, development, consultancy, and such other activities, involving the faculty at various levels.

Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Interdisciplinary activities, training programmes, Refresher Courses that ensures quality education.

The optimal utilization is ensured through encouraging innovative teaching-learning practices.

The college infrastructure is utilized as an examination centre for Government examinations/University Examinations.

The Library Advisory Committee takes care that the resources in the library are utilized optimally.

Some of the funds are allocated for social service activities as part of social responsibilities through NSS and NCC.

Renovation of additional infrastructures.

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

6.5 - Internal Quality Assurance System

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

Ahalia School of Engineering and Technology (ASET) aims in producing quality students by focusing on providing better education through its novel, flexible, and adaptive educational techniques. The Quality assurance cell of the college was constituted in the year 2018. Since then, the IQAC wing strives to improving the college infrastructure and overall facilities available to maintain good quality education. It continuously evaluates and provides the parameters for quality education

The objectives of the IQAC:

•To create an effective system that collects feedback and suggestions from students and parents for the improvement of the Institution and takes the necessary step in implementing the same.

•To make sure that continuous improvement happens in the entire operation of the Institution. •To ensure the quality of the stakeholders connected with colleges, such as parents, faculty and staff.

•To offer an improved level of clarity and importance in Institutional functioning towards quality attainment and incorporation of the quality culture

•It provides input for better practices in administration by efficient use of available resources and thus offering a better service to students and staff. •It acts as an effective system for quality changes to happen in the Institution and provides a better channel for internal communication. •Development of quality parameters for the various academic and administrative activities of the institution and implementing the same. •Organization and documentation of various activities leading to quality enrichment through workshops and seminars.

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

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

IQAC has suggested conducting internal Academic Audits to make sure that all the necessary documents for an effective teaching-learning process is maintained. Apart from it, an external ISO quality management system audit is conducted by Bureau Veritas, an ISO certification provider. The institution also has an effective feedback system to evaluate the teachers. Feedback are collected from students twice every semester and this helps in improving the quality of the teaching-learning process and helps in understanding the difficulties faced in the subject by the students. A personal logbook is maintained to keep a record of attendance, internal marks, and other academic-related activities. Faculty members record the attendance and details of the lecture along with the topics covered in the log book after the completion of each lecture. Result analysis performed by the institute after the publication of university exam results helps in analysing the performance of students. If the result of the students in a subject is found to be below par, then adequate steps are taken to realize the reasons, and the concerned faculty member is advised and inspired to achieve improved results by attending FDPs and webinars.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://ahalia.ac.in/wp-content/uploads/2024/05/annual-report-2022-23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. **All Ahalia School of Engineering & Technology operations empower women. College staff and professors are women. Lots of women perform housekeeping and admin. Regulations provide working moms maternity leave. Private, secure female hostels. Instructors and women wardens help. College, dorm, and classroom CCTV cameras track students entering and leaving. College security is ready. Students cannot ride two-wheelers on campus for safety. Every lab and corridor contains fire extinguishers. Anti-ragging committee will abolish college ragging. College ragging is deterred by timely patrols. School grievance and welfare committees address institutional challenges. College committees or the complaint box accept complaints. Girls have a gym, shuttle badminton, and table tennis. ASET students use Ahalia Counselling. Girls and boys get academic, career, and behavioural coaching. Child counsellors help mentally, emotionally, and individually. Kids remain happy and handle stress using it.**

   Activities for gender equality and awareness include girls' sports and games. Cultural club activities Anti-Dowry, Women's Day Malayali Manka hosts Ahalia Grihalakshmi Vedi's interactive lectures for women. Each

gender sensitization workshop covers Indian gender problems. Students will explore gender's biological, social, psychological, and legal elements. Research, life, literature, films, facts. Female and male students and professionals will live and work.

File Description	Documents
Annual gender sensitization action plan	NIL
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	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	B. Any 3 of the above

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

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

Inspired by Swachh Bharath, the college took several steps to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeling is used on all kinds of bins to help users discard various type of waste avoiding manual segregation.Institute practices the segregation of Solid Waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The waste bins are placed separately for dry and wet waste at

every corner of the corridor, wash rooms and common rooms. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handed over to municipal waste collection agency for further treatment. The dry & wet waste is collected and dumped in the manually fed Incinerator with a capacity of 50-75kg/ hour. We have two biogas plants inside campus. We have 5 STPs commissioned at hospitals and hostels and one ETP commissioned at Ahalia Medicine Manufacturing Unit. STPs and Biogas plants are the main examples of the reuse of resources inside the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Uploaded in the below link
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **1. Restricted entry of automobiles** **2. Use of Bicycles/ Battery powered vehicles** **3. Pedestrian Friendly pathways** **4. Ban on use of Plastic** **5. landscaping with trees and plants**	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**B. Any 3 of the above**

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

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

Zaaga is a two day national level tech fest organized in the college premises. Students from South India participated in the technical events. Project Expo and Paper Presentation were the main events of the tech fest. Apart from this several other technical events were organized by five departments of ASET along with the Science & Humanities department. Prizes were distributed to the winners of different technical events. Students also showcased their technical skill by displaying various models of technical brilliance.

Commemorative days like Women’s day, Yoga day, Cancer day, Earth day along with many regional festivals like Onam and Christmas are celebrated in the college. This establishes positive interaction among people of different racial and cultural backgrounds.

Onam is the annual harvest festival of the State. Though its origins are often attributed to Hindu Mythology, Onam is celebrated as the cultural festival for all communities in Kerala. Students and staff of the college celebrate Onam every year with enthusiasm. Departments and college unions organise different games, performances and food feast called ‘Sadhya’ to celebrate Onam which ensures unity among students from various communities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

The IEEE Student Branch, IEEE Antennas and Propagation Society (APS) Student Branch Chapter, IEEE Women In Engineering (WIE) SB Affinity Group of ASET organized a competition titled “Know UR Community”. A Two-week Induction program was conducted for freshers on ‘Valedictory Function - Universal Human Values’, which was concluded on 08 August 2022. The NSS cell of ASET also scheduled a talk on the topic ‘Constitutional Values and Fundamental Principles of Indian Constitution’,as a part of the celebration of the ‘Constitutional Day’ on 26th November 2022.The NSS activities of our campus have a philanthropic affinity. On 15 October 2022, an Anti-drug awareness class was conducted in association with the Excise Department of Kerala. On 1 October 2022. A blood donation camp was also conducted by NSS unit of ASET on Nov 17 2022. ASET in association with Unnat Bharat Abhiyan organized a One-Day Workshop on Plastic Pollution Control on 19th December 2022. Activities were conducted every year at college level to celebrate Constitution Day(26th November), National Voters Day(25th January), Republic Day(26th January), International Mother Language Day(21st Febuary), International Women’s Day(8th March), Independence Day(15th August), Teachers' Day(5th September), National Unity Day(31st October), Flag Day(7th December) etc.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this	D. Any 1 of the above

regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

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

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

The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. All celebrations are carried out with great enthusiasm to inculcate a sense of patriotism in the students. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year. Our institution is a hub of activity where events happen around the year. The activities organized by the departments and student clubs gives this unique campus a vibrant and lively atmosphere. The NSS unit council organize many cultural programs prevailing social issues. The students, staff, and alumni participate and rejoice during this celebration with great patriotism.

Many international and national days has been celebrated in our college like Independence Day, Teachers Day, Engineers Day, International Women's Day, World Earth Day etc. The programmes conducted on behalf of these days was an opportunity for students to showcase their talents and exercise their creativity through different mediums such as art, music, dance etc. The institute organises project exhibitions and also

conducts technical events. Institution takes special efforts to promote technical culture by organising activities under various professional bodies.

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	**No File Uploaded**
Any other relevant information	View File

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. Promotion of arts, heritage and culture along with academics

2.Upkeep of sustainable and eco-friendly campus in the arid and rain shadow region

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	**No File Uploaded**

7.3 - Institutional Distinctiveness

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

“A Campus Self-sufficient in Energy, Water and Residential Accommodation”

“Self-sufficiency is the ability to maintain oneself with an extreme confidence in one’s own ability or worth”. This core insight was one of the missions set by our founders, with this spirit of sincerity that laid the stepping stone to become a self-sufficient campus with sustainable surroundings. Located in water scarce and rain shadow region and lying adjacent to the second largest Industrial area in Kerala, Ahalia was set up on an arid extent of land, with rare green sprouts and absence of water. Journey of Ahalia from a barren land with an area

surrounded by lush green flora and fauna is magnificent scenery. Ahalia is enriched with its impeccable resources and self-sufficient method in dealing with such accomplishments is highly acclaimed throughout the state. Situated around 2300 acres of land, Ahalia School of Engineering has its own earmarked area inside the Ahalia integrated Campus.

Energy

Ahalia is one of the pioneers of large scale production of alternate energy solutions in North Kerala and is committed to the development of alternate energy sources to fuel growth.

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

7.3.2 - Plan of action for the next academic year

- **To maintain a welcoming learning environment for the complete growth of students, faculty, and support staff.**
- **To promote online learning through add-on courses.**
- **Continue to give holistic value-based education.**
- **To prepare students for the difficulties of the corporate world by developing their entrepreneurial skills.**
- **To promote high-quality teaching and learning in the academic environment.**
- **To do quality-related research, consulting, and training.**
- **To promote skill development among students and staff through various activities.**
- **To expand Extension activities.**
- **To establish more official links through MoUs**
- **To permit continual upgrading of the college.**
- **Organize more workshops, seminars, and conferences.**
- **To raise awareness and implement environmental initiatives.**
- **To foster research among students and faculty.**
- **To monitor quality assurance and quality improvement operations.**
- **To facilitate Faculty and Student Exchange Programmes with Other Academic Institutions and Linkages.**
- **To enhance relationships through faculty and student exchange programs.**
- **Develop ways to enhance the teaching, learning, and**

evaluation process.

- **Continue to give formal education to needy and worthy students.**
- **To be recognized as a benchmark for other colleges.**