



## YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
<b>1.Name of the Institution</b>	AL-AMEEN ENGINEERING COLLEGE
• Name of the Head of the institution	Dr. A.M.J. MD. ZUBAIR RAHMAN
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04242501354
• Alternate phone No.	04242500354
• Mobile No. (Principal)	9677794947
• Registered e-mail ID (Principal)	amjzubair@gmail.com

• Address	Karundevanpalayam, Nanjai Uthukkuli Post
• City/Town	Erode
• State/UT	Tamil Nadu
• Pin Code	638104
<b>2. Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	08/01/2020
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. O. CYRIL MATHEW
• Phone No.	04242500754
• Mobile No:	9944403439
• IQAC e-mail ID	aeciqac@gmail.com
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://alameen.ac.in/2022-2023-2/">https://alameen.ac.in/2022-2023-2/</a>
<b>4. Was the Academic Calendar prepared for that year?</b>	Yes

- if yes, whether it is uploaded in the Institutional website  
Web link:

<https://alameen.ac.in/2023-2024-2/>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.05	2017	22/02/2017	31/12/2025

### 6. Date of Establishment of IQAC

02/09/2015

### 7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
INSTITUTION	UGC 2 (f)	UGC	04/12/2017	0

### 8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI

[View File](#)

### 9. No. of IQAC meetings held during the year

2

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?

Yes

### 10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

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

Orientation Programme for newly recruited teaching staff and First Year Students was conducted successfully

IQAC coordinated the visits of faculty members from several institutions for faculty enriching programmes.

Collaboration with other stakeholders of higher education for quality evaluation, promotion and sustenance.

Soft skill programmes and personality development programmes for students proposed by IQAC have helped significantly increase in placements.

Smart Class rooms were created and usage of ICT was increased.

**12. Plan of action chalked out by IQAC at 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
To achieve good records in Daily attendance	Attendance Eligibility Satisfied as prescribed - 100%
To achieve good performance in Academic results	Overall Pass% in End Semester Examinations - Minimum 70%
To achieve good records to participate in Extra and cocurricular activities	90% of mentees to participate in Extra and co-curricular activities
To achieve good records in bonding with mentors and their mentees family members	If any parent wants to know any detail about their wards / college, first they have to contact Mentor. This will only happen if the "Mentors are one of their family members"

**13. Was the AQAR placed before the statutory body?**

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Council Meeting	10/09/2024

**14. Was the institutional data submitted to AISHE ?**

Yes

- Year

Year	Date of Submission
2023-2024	13/08/2024

### 15. Multidisciplinary / interdisciplinary

As per NEP 2020 guidelines, multidisciplinary and interdisciplinary courses are available in this institution. • Accordingly, the vision of the institution consists of "global knowledge hub, self learners, experts, ethical and responsible citizen which will significantly contribute to research and environment friendly sustainable growth of the nation and the world". • Humanities and science courses such as Universal Human Values 2: Understanding Harmony, Professional Ethics, Communication Skills, Physics, Chemistry, Mathematics, Basics of Electrical and Electronics Engineering, etc., are integrated in the curriculum. • Mandatory Courses such as Environmental Sciences, Constitution of India, Career Guidance - I & Career Guidance - II are offered in the curriculum. Employability Enhancement Courses such as Mini Project, Project Work Phase I, Project Work Phase II & Internship / Summer Training are offered in the curriculum Flexible and innovative curriculum that includes 1, 3 and 4 credit courses such as Environmental Science and Engineering, Disaster Management, Environmental Impact Assessment, mini project, Project phase I and Project Phase II are followed in this institution for holistic and multidisciplinary education. • The institution has flexible curriculum which supports multiple entry and exist during 1st, 2nd, 3rd & Final year of their Under Graduate studies. • Students are involved in multidisciplinary research projects to find solutions to cross cutting issues and challenges of society consist of local, regional, national and across the world. • Choice Based Credit System / Open Electives are offered in the curriculum to promote multidisciplinary / interdisciplinary approach.

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

The Academic Bank of Credit, as proposed in NEP 2002, aims to enhance student freedom when enrolling in their courses. It serves as a reference checkpoint for faculty to verify the credit records earned by students. The institution has taken various initiatives, starting with a feasibility study to gain a better understanding of ABC regulations. This includes structuring credit details in accordance with specific courses, ensuring clarity in credit evaluation and verification, and identifying the types of courses covered by ABC, including those conducted online and offline. Additionally, it encompasses national schemes like NPTEL and SWAYAM. The institution is currently reviewing the challenges in implementing ABC and how to support students in pursuing courses of their choice, ultimately making them 'industry-ready' graduates. Although the institution is not yet registered in the ABC system, each department offering BE/BTech programs is revising the curriculum to align with

international standards, which allows for flexibility in credit transfer arrangements. The institution already offers elective courses, enabling students to choose their preferred subjects. Furthermore, the institution is exploring possibilities for collaboration with foreign universities to offer joint programs, twinning arrangements, and credit transfer options. This move aims to provide students with access to high-quality education and maintain internationalization in the programs offered. As Al-Ameen Engineering College is autonomous, the curriculum is continuously updated to prepare students for employment in the industry and higher education institutions. Faculty members have the autonomy to create their own syllabi, subject to review by the appropriate statutory bodies. They develop specific strategies to deliver the curriculum and employ interactive pedagogical approaches to engage students in a learner-centric manner. Faculty members not only provide relevant online and offline resources but also create and deliver additional content to address gaps in student understanding, alongside regular classroom teaching. They are actively involved in generating digital content, including text materials, demonstration videos, instructional guides, remedial sessions, and tutorial resources, all aimed at helping students achieve their best academic performance. In the classroom, faculty members effectively interact and communicate, which significantly contributes to student learning. The institution also has a student management system, i.e., an ERP, where all student details, including internal assessments, attendance, continuous internal evaluations, and examination-related information, are entered. This information is then synchronized with the student portal, ensuring seamless access to all student-related data. Consequently, when the institution adopts the ABC system, it will have all the necessary infrastructure in place to implement it.

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

The College is committed to shaping young minds by developing their Technical and Life Skills for professional growth. We achieve this by conducting intensive, goal-oriented classroom training that enhances employability prospects. Al-Ameen Engineering College has an English Literary Association dedicated to supporting the learning and enjoyment of English. It has evolved into a hub for year-round activities aimed at improving students' communication skills, particularly for those from rural backgrounds. The AEC Toastmasters' Club plays a significant role in supporting campus placements and offers instruction in public speaking and leadership skills through an internal network of clubs. The Toastmasters' International club has helped students from diverse backgrounds become more confident speakers, communicators, and leaders. These clubs educate students in self-improvement and organizational skills within a friendly environment, fostering confidence and language skills applicable in business, professional, and community life. The college also boasts an Entrepreneurship Development Cell that benefits students through various awareness programs such as seminars, workshops, industrial visits, and interactions with young

entrepreneurs. These programs aim to inspire the student community towards entrepreneurial activities. The cell helps students acquire essential managerial skills to effectively run an enterprise and develop entrepreneurial skills to keep up with current market trends. In line with AICTE guidelines and to preserve ancestral values and knowledge, the institution has introduced mandatory courses on 'Heritage of Tamil,' 'Tamil and Technology' in the regional language, and 'Constitution of India' for all undergraduate students. In addition to classroom lectures, students are provided with standard textbooks on the Indian Constitution and the cultural heritage of India. The Fine Arts Club at AEC organizes regular competitions in the regional language, Tamil, on contemporary topics related to the environment, energy conservation, and cultural and ethnic values of India. Another mandatory course at AEC is 'Universal Human Values,' which equips students with essential life skills necessary for all Engineering and Technology students. It aims to identify values and skills and instill an understanding of the basic guidelines, content, and processes of value education. AEC includes a Mini-project in the curriculum for students in their sixth semester, providing an opportunity for them to explore and showcase their capabilities. Additionally, the college offers mandatory courses in Professional Communication, Aptitude and Logical Reasoning, Arithmetic, and Analytical Ability to develop students' skill sets. AEC also provides a Communication Skills Lab course to enhance their practical knowledge.

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

Cultural awareness and expressions are of major importance when it comes to developing competencies in today's youth. Al-Ameen Engineering College has undertaken significant initiatives to provide students with a strong sense of identity and an appreciation of various cultures. As part of this effort, AEC offers the Indian Constitution and Traditional Knowledge course as a mandatory component, providing students with fundamental knowledge about the Indian Constitution and traditional Indian knowledge. This course makes students more aware of Indian polity and governance, reminding them of their responsibilities and the importance of upholding constitutional rights. The college promotes integrity and unity among different cultures through the celebration of various cultural events under the Fine Arts Club. Additionally, Elocution and essay competitions, both in English and regional languages, are held periodically to discover and nurture the hidden talents of our students. The Traditional and Cultural Days are celebrated with a genuine sense of purpose and spirit.

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

Recognizing the significance of Accreditation, especially in relation to the Washington Accord, the college has introduced Outcome-Based Education (OBE) concepts into its curriculum, syllabi, and evaluation processes. OBE has been implemented across all stages of the Teaching-Learning Process. In accordance with the Graduate Attributes, Program Educational Objectives (PEOs), and

Program Outcomes (POs) outlined in the National Board of Accreditation (NBA) documents, markers have been developed and shared with stakeholders. The PEOs are designed to consider factors such as preparation, core competence, multidisciplinary knowledge, a professional environment, and the learning environment, all of which align with the institute's Vision and Mission as well as the Vision and Mission of individual departments. POs and Program Specific Outcomes (PSOs) have been mapped to PEOs, and course outcomes have been defined for all courses, specifying the correlation strength with various POs. At AEC, PEOs and COs are communicated to students through various methods: Syllabi with POs and COs are available on the college website. Curriculum and Syllabus books with POs, PEOs, and Cos are provided in the library for reference. POs and PEOs are displayed prominently in the department, including classrooms and laboratories. COs are included in course delivery plans, lab manuals, and course files for the respective courses. Faculty members are provided with guidelines for framing COs using Bloom's Taxonomy through orientation programs organized by the Internal Quality Assurance Cell (IQAC). In the evaluation process, which includes Continuous Assessment and Semester Examinations, students' performance in each course is linked to the POs, and subsequently, the PEOs are evaluated. A 360° feedback mechanism is employed to continually monitor and achieve Outcome-Based Education. Various committees at both the college and department levels continuously assess the attainment of these outcomes every semester, maintaining documentary evidence to facilitate peer-level evaluation.

## 20.Distance education/online education:

There has been a noticeable shift in teaching and learning methods worldwide, moving away from traditional classroom teaching to a blend of classroom and online teaching and learning. This change is evident in the global popularity of online education, including MOOCs. India is also adapting to this new paradigm, and we actively encourage our students and faculty to register and take examinations through platforms like SWAYAM NPTEL. Within our autonomous system, we have obtained the necessary approvals to introduce the Credit Transfer Scheme for our students. As a result, credits earned from SWAYAM-NPTEL are considered as replacements for elective courses. The list of approved courses is reviewed by the chairperson before the semester begins, ensuring that students register for courses that align with their curriculum and are not redundant. Online courses have also allowed students to fulfill their credit requirements by the 7th and 8th semesters. This flexibility enables them to pursue full-time internships in relevant industries, offering an excellent opportunity to acquire industry-specific skills and boost their career prospects. AEC leverages various Information Communication Technology (ICT) tools to support effective pedagogy. All faculty members make efficient use of ICT tools to enhance the teaching and learning process. Our classrooms are equipped with LCD projection systems, computers, and internet connectivity, which enhance lecture delivery, communication, and in-class assessments. In addition, department labs feature desktop computers, printers and essential resources, all

supported by a 500 Mbps Wi-Fi network throughout the campus. Well equipped smart classrooms and interactive boards assist faculty and students in delivering effective presentations and videos. Furthermore, laboratories, classrooms, seminar halls, conference halls, and hostels are equipped with Wi-Fi, providing students with access to e-resources and opportunities to update their skills. Our automated digital library, complete with personal computers and an Online Public Access Catalog (OPAC) system, makes it easy for students and faculty to access resources. Language laboratories are equipped with individual headsets and webcams, facilitating online classes, audio and video recording, and access to e-learning resources on platforms like YouTube and social media. Study materials, assignments, activities, and assessments are shared through Google Classrooms and Google Forms. The institution has access to e-resources, including IEEE Explore, DELNET, e-Shodh Sindhu National Digital Library of India, and NPTEL. In our new Design Thinking-Based Curriculum framework, we encourage blended learning among students. The college also has an in house content development facility that our faculty members use to create video lectures posted on YouTube for the benefit of students.

## Extended Profile

### 1. Programme

1.1

Number of programmes offered during the year:

9

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1

Total number of students during the year:

898

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2

214

Number of outgoing / final year students during the year:		
File Description		Documents
Institutional Data in Prescribed Format		<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:		909
File Description		Documents
Institutional Data in Prescribed Format		<a href="#">View File</a>
<b>3.Academic</b>		
3.1 Number of courses in all programmes during the year:		357
File Description		Documents
Institutional Data in Prescribed Format		<a href="#">View File</a>
3.2 Number of full-time teachers during the year:		71
File Description		Documents
Institutional Data in Prescribed Format		<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:		3
<b>4.Institution</b>		
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:		246

4.2	35
Total number of Classrooms and Seminar halls	
4.3	405
Total number of computers on campus for academic purposes	
4.4	213
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

##### Process of Curriculum Development

The AICTE (model curriculum), UGC, Anna University, Outcome Based Education, and stakeholders' feedback, namely students, faculty, employers, alumni and academic experts, are considered for curriculum development. The curriculum, syllabi and course outcomes are prepared by the department faculty and put forth before the Programme Advisory Committee, Board of Studies, Academic Council, and Governing Council for approval and implementation.

##### Curriculum Components

Basic Sciences, Humanities and Social Sciences including Management, Engineering Sciences, core electives, open electives, Employability Enhancement Courses and mandatory courses.

##### Revision of Curriculum

The curriculum is periodically revised based on the stakeholders feedback and the developments in emerging areas. The regulation and curriculum of various programmes were developed in the year

2020 and revised once every four years based on needs.

### Choice Based Credit System (CBCS)

Choice-Based Credit System is followed in all the programmes of this institution. Open electives/industry-supported courses are offered to improve the domain skills.

### Employability, Entrepreneurship and Soft Skill Courses

The curriculum consists of courses on Industrial Training / Internship, Project Work, and Career Guidance for improving the employability, entrepreneurship and soft skills of students.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://alameen.ac.in/coe/">https://alameen.ac.in/coe/</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

357

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
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## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

168

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

9

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

### 1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

#### GENDER

Gender-related issues are addressed through various activities such as orientation programmes for first-year students, women empowerment programmes and counseling activities are being conducted to address the gender-based issues and to inculcate human values.

#### PROFESSIONAL ETHICS & HUMAN VALUES

The objective of Professional Ethics and Universal Human values in engineering education is to impart ethical principles, code of ethics and responsibilities in their roles as professionals. The course on Professional Ethics and Universal Human Values is introduced in the curriculum to develop a holistic perception of self-exploration among the students and also with family members. Yoga education is provided to all the students of the institution. In addition to this, other courses such as Principles of Management, and Total Quality Management are incorporated in the curriculum of relevant programmes.

#### ENVIRONMENT AND SUSTAINABILITY

Environmental Science is a mandatory course in all undergraduate programmes. Apart from this, courses on Water Management, Disaster Management, Environment and Agriculture, Renewable Energy Sources, Electric vehicles, etc. and several others address the issues related to Environment and Sustainability. The various student clubs like Institution Innovation Cell, Swach Bharat, and Unnat Bharat Abhiyan are functioning effectively to enrich the students knowledge of the Environment and sustainability.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

12

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

428

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

214

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://alameen.ac.in/">https://alameen.ac.in/</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://alameen.ac.in/minutes-action-taken/">https://alameen.ac.in/minutes-action-taken/</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

## 2.1 - Student Enrollment and Profile

### 2.1.1 - Enrolment of Students

#### 2.1.1.1 - Number of students admitted (year-wise) during the year

182

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

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

182

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

### 2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

After admission, students are divided into groups based on their Higher Secondary specialization and medium of instruction. To help students from the Biology stream to improve their knowledge in Mathematics and Computer Science, bridge courses are conducted. For vocational background students, separate special classes are arranged in Mathematics, Physics, Chemistry, and Computer Science.

#### Methodologies to Support Slow Learners and Encouragement for Advanced Learners:

Students are classified as slow learners if they receive a Continuous Assessment Test (CAT) score of less than 50%. The department follows a mentor-mentee system, which effectively counsels the students to develop their personal, interpersonal, and professional skills.

Slow learners are given additional inputs by conducting remedial classes with video clippings, and additional assignments/tutorials for problem-solving.

Advanced learners are encouraged to pursue courses on advanced topics through NPTEL/SWAYAM portals. Self-study courses of 3 credits are considered and added to credit instead of one elective course to get passed.

Advanced learners are urged to earn university rank, and register for GATE, UPSC, GRE, TOFEL, and IELTS to reach their professional peak.

Academically successful students may be permitted to avail the option of advancing 8th-semester course in the previous semester to opt for full-time internship.

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

### 2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	898	70

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

### 2.3 - Teaching- Learning Process

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

#### Experiential learning

The institution places a strong emphasis on experiential learning, recognizing its significance in shaping industry-ready graduates. A key component contributing to experiential learning is the structured internship program during summer vacations of the second and third years. This hands-on exposure to real-world industry practices helps in preparing students for their future careers.

Students are motivated to enhance their Knowledge skills through NPTEL apart from courses offered in the curriculum. By doing projects in emerging technologies, students improve their knowledge of design and development.

#### .Participatory Learning

Students participate in various activities viz. seminars, group discussion, Project Expo, Technical Symposium, attend conferences, and present papers. Students are guided to actively participate in many competitions like hackathons and inter-institutional competitions. To address the industry gap, one-credit courses focusing on new technologies are offered. Professional electives align with career interests, while open electives provide flexibility for exploration beyond the core curriculum, fostering individualized learning paths.

#### Problem-Solving Methods

Participating in hackathons and project contests fosters critical thinking and problem-solving skills. Mini projects, case studies, and tutorial papers in the curriculum contribute to enhancing problem-solving abilities. An aptitude and soft skill training enhance students problem-solving skills and employability.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://alameen.ac.in/">https://alameen.ac.in/</a>

### 2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Information and Communication Technology (ICT) has become an integral part of the teaching and learning process. The use of ICT tools has a greater impact on students learning, as they can access the learning materials anytime from anywhere.

As we are in a computerized world, faculty members of AEC use ICT-empowered tools and online assets to accomplish adequacy in education and growing experience.

All faculties are provided with computer facilities with UPS and internet connection. They prepare course content and upload it to Google Classroom for students to access from anywhere. Students can post their queries on the platform and chat with faculty. Assignment / Tutorial questions and

MCQs are posted on this platform to improve their learning levels. Continuous assessment tests and end-semester exams are conducted using these platforms.

Faculty also Register for NPTEL courses and update their knowledge.

Classrooms are provided with LCD projectors to deliver the course effectively and students can download the PPTs for further reference.

Virtual Laboratories are used for the conduct of some practical courses which help students to learn more by designing their experimental setup and analysis.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://alameen.ac.in/library/">https://alameen.ac.in/library/</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

61

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

#### Preparation of Academic Calendar

Dean - IQAC prepares the Institute-Academic Calendar in discussion with the Principal It is prepared well in advance before the commencement of classes at the beginning of every academic year. Academic calendar, which includes activities like Semester Commencements, Continuous Assessments, End Semester Examinations, the last working day, significant college events, and general holidays.

#### Adherence to Academic Calendar

A few scheduled activities are deviated due to unavoidable circumstances and the same will be compensated in due course with the approval of the Head of the Department and the Principal.

### Teaching Plan

The faculty prepares their Lecture Plan ahead of the semester and is approved by the Module Coordinator and Head of the Department.

Course Diary contains the following details to help effective delivery of the course content, for the attainment of COs, POs, and PSOs.

- Vision and Mission of the Institution and Department
- POs / PSOs / PEOs
- Class/Personal Timetable
- Lecture Plan
- Content beyond syllabus/modes of delivery
- Performance Analysis of Students
- Remedial classes for Slow Learners
- Attendance details of students
- COs, POs, and PSOs Attainment Articulation

The above details are well maintained by every faculty and are subject to periodic academic audits.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

70

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
<b>2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year</b>	
11	
File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)</b>	
587	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.5 - Evaluation Process and Reforms</b>	
<b>2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year</b>	
12	
File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year</b>	
19	

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

#### IT Integration

Enterprise Resource Planning (ERP) software is built with modules on Curriculum, Time Table, Attendance, Course Diary, Examination System, and Result Processing, which includes all the examination processes like Nominal Roll Generation, Course Registration, Continuous Internal Assessment marks capturing, and calculation, Exam Application Generation, Exam Fees Collection, e-Hall Ticket Generation, Results Releasing and Revaluation Process.

#### Reforms in the Examination Procedures

Questions are set for the entire COs in the syllabus, with internal choice, to assess all the Course Outcomes. The question papers are scrutinized by the Module Coordinators/External Subject Experts to maintain the standard and check all COs and their learning levels.

Question Paper Feedback on End Semester question papers is collected from Students and the Course Coordinator to analyze the standard of the question paper and suggestions for improvements.

The Answer Key and the scheme of valuation are prepared by the Course Coordinator of the course with the approval of the Module Coordinator and HOD.

Examination squads are constituted by the Controller of Examinations to ensure the fair conduct of examinations and adherence to norms. The academic audit will be done for the ESE question papers by experts from various premier institutions to ensure quality and improvement.

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

## 2.6 - Student Performance and Learning Outcomes

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

The Curriculum and syllabus are designed such that the attainments of POs and PSOs can be measured through the COs. The COs of each course are mapped with relevant POs. There are 5 COs for each course, and each of them is measured through various assessment tools. To help students to understand OBE, the faculty discusses the PEOs, POs, and PSOs at the beginning of the course every semester.

The PEOs, POs, and PSOs are disseminated through

- College web site
- Curriculum and Syllabi book
- Record notebooks
- Display boards in Departments and laboratories
- Laboratory manuals
- Classroom notice boards
- Institute / Department Newsletters
- Event Brochures
- Course files
- Parents Intimation letters
- First-year Induction Programme

The COs of each course are discussed with the students at the beginning of each module in the class, by the faculty. The COs are mentioned in the Continuous Assessment Test and End Semester question papers along with the knowledge level for each question.

The Course Exit Survey gives feedback from every student on the attainment of COs in all the courses of the semester.

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

Link for additional Information

<https://alameen.ac.in/wp-content/uploads/2024/03/ECE-Syllabus-I-to-IV-Sem-R2023.pdf>

## 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

### Attainment of COs

The attainments of COs are based on direct and indirect assessment.

Direct assessment tools for COs are

1. Continuous Assessment Tests
2. Assignments
3. End Semester Examinations

Indirect Assessment of COs is

1. Course End Survey

### Cumulative Attainment of COs

For R2020 & R2023 = 40% of Continuous Assessment Test + 60% of End Semester Examination

For R 2017 = 20% of Continuous Assessment Test + 80% of End Semester Examination

### Attainment of POs and PSOs

#### Direct Assessment of POs / PSOs

The Direct Attainment of POs and PSOs is measured quantitatively through COs by assigning weightage to the COs, that contribute to a particular PO / PSO.

#### Indirect Assessment of POs / PSOs

The Indirect Assessment of POs / PSOs includes the Programme Exit Survey collected from all students upon completion of the programme, through a questionnaire; the survey questionnaire was collected from alumni, and employers and also a survey obtained from internships, workshops, etc.

## Cumulative POs and PSOs Attainment

PO/PSO attainment = 80% of Direct Assessment + 20% of Indirect Assessment

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/wp-content/uploads/2024/03/5.-AEC_UG-Regulations-2023.pdf">https://alameen.ac.in/wp-content/uploads/2024/03/5.-AEC_UG-Regulations-2023.pdf</a>

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

166

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://alameen.ac.in/coe/">https://alameen.ac.in/coe/</a>

### 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://alameen.ac.in/student-form/>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Research and Development Cell (R&D Cell) at AEC is an instrumental body dedicated to fostering innovation and spearheading extensive research endeavors within the institution. The Research

Advisory Committee (RAC) comprises the Principal, Dead – R&D, and Senior Faculty Members. The Research and Development (R&D) activities are accomplished by actively involving Faculty, Scholars, and Students.

The college has a well-defined policy to promote Research and Development. Faculty members, scholars, and students are encouraged to do research by providing the following as a part of policy decision:

- Seed money for socially relevant projects and industry applications.
- Providing necessary infrastructure facilities in terms of space, computers, software, testing equipment, books & journals.
- Flexibility in academic workloads when the research is nearing completion.
- Special allowances on completion of doctoral degree.
- Incentives for faculty submitting proposals to funding agencies on getting the grants.
- On-duty leave, Travelling Allowance (TA), and Registration Fee for presenting papers in National/International Conferences and Workshops.
- Incentives for Journal publication in UGC Care, Scopus, SCI, SCIE, and Anna University, Annexure-I:
- Incentives for Book/Book Chapter publications.
- Each Department is given seed money every year for in-house R&D activities.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

1.4

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

10

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

8.96

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
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Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/">https://alameen.ac.in/</a>
List of research projects during the year	<a href="#">View File</a>

### 3.2.3 - Number of teachers recognised as research guides

4

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

5

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://alameen.ac.in/">https://alameen.ac.in/</a>
Any additional information	<a href="#">View File</a>

## 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

AEC has created an excellent and well-balanced ecosystem for innovation, creation, and transfer of knowledge supported by the Research and Development Cell, Industry Institution Partnership Cell (IIPC), Institution Innovation Council (IIC), and Entrepreneurship Cell.

The Institution provides a conducive environment for the promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the faculty, research scholars, and students. They are encouraged to actively involve support provided for Documentation, Publication of Research Papers, and also for obtaining patents. Awareness meets, workshops,

seminars, and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field.

The institution's Innovation Council has created an ecosystem for supporting young minds towards innovation and entrepreneurship. It provides assistance and encouragement for successful startups. They are motivated to convert innovative ideas into working prototypes. The Council trains youngsters in problem-solving, concept development, and design thinking.

The Entrepreneurship cell, launched with aims at spreading awareness among students and staff about the value of entrepreneurship. The entrepreneurship cell at AEC also promotes entrepreneurship as a viable career and provides career guidance support through entrepreneurship Awareness Camps, Start-ups, Workshops, and FDPs for its beneficiaries periodically.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

28

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology**

A. All of the above

**course work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/supervisors provided in Metric No. 3.2.3) during the year****3.4.2.1 - Number of PhD students registered during the year**

6

File Description	Documents
URL to the research page on HEI website	<a href="https://alameen.ac.in/laboratories-2/">https://alameen.ac.in/laboratories-2/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year**

19

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year**

31

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

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

65

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

5

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

6.35

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

60000

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

#### 3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Students of AEC are actively involved in extension activities in the neighborhood community. The extension activities help students to understand the various societal problems and work to solve them. Besides, it makes the students think empathetically and help mankind.

Social service and solving problems related to social issues are the need of the hour for the economic growth of the nations. Students of AEC are well addressed that science and technology can only solve societal problems.

The institutions' NSS and NCC units take part in activities related to social services such as tree plantation within and outside campus to ensure the importance of a green environment in the neighborhood community.

Students regularly organize and participate in the "Clean India Movement" (Swachh Bharat) in the neighboring villages and government schools and make aware of the cleanliness of the community and the children.

Awareness rallies on global warming, Drug Abuse, and voter awareness rallies are conducted to sensitize the local population about climatic changes.

Blood donation camps are regularly conducted in collaboration with government hospitals, Erode, and Lions Club.

The effects of the usage of plastics are highlighted through awareness programs in schools and local communities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/wp-content/uploads/2023/12/Procedures-and-policies-for-maintaining-and-utilizing-physical-academic-and-support-facilities-laboratory-library-sports-complex-computers-classrooms-etc.pdf">https://alameen.ac.in/wp-content/uploads/2023/12/Procedures-and-policies-for-maintaining-and-utilizing-physical-academic-and-support-facilities-laboratory-library-sports-complex-computers-classrooms-etc.pdf</a>

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

5

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

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

8

File Description	Documents
Reports of the events organized	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
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### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

4107

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

13

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

28

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The campus infrastructure is well organized into two categories as learning resources and support facilities. It includes the resources such as Wi-Fi enabled class rooms, conference halls and modernized laboratories. The later includes the hostel, centre of excellence, cafeteria, and seminar halls and play ground. There are totally 31 well-furnished class rooms and 2 seminar halls with ICT tools for effective teaching learning process. The class rooms are enabled with Wi-Fi connectivity and internet access. The institute has a closed auditorium of 1200 seating capacity

AEC has modernized well equipped laboratories with state-of-the-art equipment and facilities. All laboratories are established as per AICTE and Anna University standards. These laboratories are utilized to impart skill-based training to the students and to develop innovative products. Laboratories are equipped with latest software tools to cater the requirement of the curriculum and incubate an industry ready engineer.

The library houses a rich collection of books for all the subjects with recent publications. There are about 19,093 books, 3837 individual titles, nearly 104 National and International journals and 2173 e-Journals and ample number of digital sources.

An individual faculty cabin is equipped with computing facilities and the Internet.

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

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

The institution prioritizes cultural diversity and artistic expression. The Auditorium with a 1200 - person capacity hosts cultural and mega events. Modern Audio Visual equipment and seating arrangements make it an ideal platform for performing arts, music concerts, dance performances, and theatrical productions. Annual cultural festivals showcase student talents and cultural experiences. The Fine Arts Club and Muthamizh Manram organize cultural activities, promoting relaxation and interpersonal skills.

Dedicated to mental and physical wellness, yoga centre offers a serene space for yoga, meditation, and mindfulness exercises. Trained instructors guide students through postures, breathing techniques, and relaxation practices. Encouraging a mind-body connection, the centre provides a peaceful haven for relaxation, focus, and improved health. AEC has separate Yoga centre where students and faculty members do meditate and even practice yoga.

AEC has adequate facilities for sports, games and cultural activities. AEC has large playground with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, and Kho-kho. Another field provides Lawn Tennis courts. Indoor and outdoor and gymnasium are available.

Facilities for outdoor and indoor games also exist in the Girls and Boys Hostels.

College teams are formed to take part in state level and University level competitions and other intercollegiate competitions.

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

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

35

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

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

65.61

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>

Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

Name of the ILMS Software: Campes iLIB

Nature of automation (Fully or partially) Version: Fully Automated

Year of Automation: 2009

Version: 5.0.0

The Central library have fully automated through Campes iLIB for smart card entry, barcode scanning and check - in, searching for titles, issues and check -outs.

Facilities:

1. Reprography
2. Circulation desk
3. Books Reservation
4. OPAC (Online Public Access Catalogue)
5. INFLIBNET (Information Library Network)
6. E- Research

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

### 4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases

A. Any 4 or more of the above

**Remote access to e-resources**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

8.17

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)****4.2.4.1 - Number of teachers and students using the library per day during the year**

90

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**4.3 - IT Infrastructure****4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities**

The Information Technology Policy Document is prepared to make all faculty members, students and research scholars of AEC aware of rules and regulations that govern their appropriate use of Information technology and infrastructure established by the institute. The policy is effective from July, 2013. It is expected that said members strictly adhere to the rules and regulations spelled out in this document. The Management reserves the right to change /modify the policy as and when necessary and apply their discretion in specific cases.

To maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the AEC. To outline the broad framework of IT infrastructure that needs to be made available for students and employees of the institution for effective realization of the objectives of the institution while also ensuring sufficient controls and safeguards to prevent misuse and inappropriate usage.

Broad IT Infrastructure available for the benefit of students:

Internet bandwidth available 200Mbps

More than 400+ desktops available in Labs, Digital Library, Staff Rooms and so on

Firewall at the entry point to enforce security policies in terms of internet access

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

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
898	405

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

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A.  $\geq 50$  Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.3.4 - Institution has facilities for e-content development:** Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/library/">https://alameen.ac.in/library/</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

118.43

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

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

AEC has implemented robust systems for the preservation and optimal utilization of physical, academic, and support facilities, encompassing laboratories, libraries, sports complexes, computers, and classrooms.

#### LABORATORY MAINTENANCE

Lab equipment undergoes periodic maintenance, managed either in-house or by suppliers during the warranty period. Strict safety protocols are followed, including safety equipment provision and regular training. Schedules, equipment allocation, and faculty coordination ensure efficient utilization. A yearly stock verification committee is proposed.

**LIBRARY MAINTENANCE**

The central library follows a systematic process for resource acquisition, cataloging, and organization. Regular assessments ensure the collection meets academic needs. The library is well maintained with cleaning, shelving, and preservation activities. Yearly stock verification is recommended.

**COMPUTER AND ACCESSORIES MAINTENANCE**

The System Administration team manages computer and networking maintenance, including periodic updates and breakdown resolution. An efficient process for issue rectification is in place.

**CIVIL MAINTENANCE**

Daily maintenance, cleanliness, and breakage reporting are overseen by the housekeeping team.

**ELECTRICAL MAINTENANCE**

The electrical engineer handles power supply, generators, and repairs. Regular maintenance and timely issue resolution are ensured.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>

**STUDENT SUPPORT AND PROGRESSION****5.1 - Student Support****5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

773

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>

Upload any additional information		<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year</b>		
593		
File Description		Documents
Upload any additional information		<a href="#">View File</a>
Institutional data in prescribed format		<a href="#">View File</a>
<b>5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology</b>	A. All of the above	
File Description		Documents
Link to Institutional website		<a href="https://alameen.ac.in/">https://alameen.ac.in/</a>
Details of capability development and schemes		<a href="#">View File</a>
Any additional information		<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>		
213		
File Description		Documents
Any additional information		<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)		<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

**195**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

**6**

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
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### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

6

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

21

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institution has an active Student Council that functions with the prime aim of improving and enhancing the standard of the learning environment on the campus. The functions of the council are to address the grievances of the students, consider the suggestions of the students, and plan for further improvement. The council comprises male and female students from each department. The minutes are recorded and actions are taken on the points discussed.

The college also has a separate committee for the hostel students with student members from both boys and girls. Those members will take care of the general activities of the inmates, monitor the mess proceedings, and maintain the basic amenities in the hostels.

Various Students Forums / Clubs / Cells listed below function in the College through which the students enthusiastically take part in different activities:

Academic and Extra Curricular Committees/ Cells

Anti- Ragging Committee

NSS

Music Club

English Literature Club

Science Club

Entrepreneurship Development Cell

Women Empowerment Cell

Internal Compliance Committee

Class Committee Meeting

Board of Studies

Slow Learners Committee

Sports Committee

Cultural Committee

Hostel Committee

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

**5.3.3 - Number of sports and cultural events / competitions organised by the institution**

10

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Institution has a registered Alumni association to strengthen comradeship and network to act as a bridge between the students, management, faculty, and alumni of AEC for mutual benefit to build better interaction among the alumni, students, and faculty and to improve the quality of service offered to students that in turn will contribute to the benefits of the society.

One of the most notable contributions of the Alumni Association is its relentless dedication to the community through its services. Throughout the years, the association has orchestrated an array of events that have not only rekindled nostalgic memories but have also provided invaluable opportunities for current students to learn from the experiences of our accomplished alumni.

The Alumni engage themselves in contributing to the college through various activities like delivering guest lectures, acting as chief guest for various events at the college, mentoring junior students, and acting as Board of Studies members and expert members apart from providing industrial and placement linkages.

Apart from formal alumni association meetings, the institution also engages alumni support in many ways such as collecting suggestions, feedback on existing curriculum, updates on emerging trends, etc through various networking platforms like mail, WhatsApp, etc.,

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

**5.4.2 - Alumni's financial contribution during the year****E. <2 Lakhs**

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

**GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

**Vision**

To be a multi-disciplinary institute of academic excellence in Engineering, Technology, and allied fields for uplifting the under-privileged and rural; inculcating brotherhood and positivism among its students

**Mission**

To groom confident, wholesome students with social consciousness and values, by endeavoring experiences for the ever-changing world of work.

The Vision of the institution is to

- Impart quality education
- Produce competent graduates
- Promote Research and development

In line with the above Vision, the structure of governance is formulated to include all the stakeholders to achieve the Vision and Mission.

The institution follows an autonomous and participatory mode of governance involving all stakeholders actively in its administration. The Governing Body delegates authority to the Chairman/Managing trustee and the Principal. The Principal shares it with the Heads of Departments, Faculty members, Administrative Officer, and Coordinators / Conveners of various cells and Committees.

IQAC of the institution plays a key role in the preparation of a strategic plan to implement quality education.

The Research Advisory Committee of the institution formulates the research policy to promote research and development.

The Principal, HoDs, and senior faculty members play key roles in framing various policies and strategies for academic, administrative, and financial management of the Institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/road-mapvision-mission/">https://alameen.ac.in/road-mapvision-mission/</a>

#### 6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institution is keen on promoting a culture of decentralized governance system for its growth. The Head of the Institution is empowered with full autonomy for the overall monitoring of administrative and academic activities to cater to the institution's Vision and Mission.

##### Administrative Autonomy

Administrative autonomy is decentralized to the Principal, HODs, Administrative Officer, Cell Coordinators, and heads of various Committees for better governance.

##### IQAC Autonomy

IQAC Coordinator has the autonomy to make modifications / implement and systematize the efforts and measures towards academic excellence.

##### Financial Autonomy

The finance committee constituted by the Principal is given autonomy to make decisions related to the planning, implementation, and management of all financial resources

##### Academic Autonomy

The BoS, Academic Council, and Department Advisory Committee are empowered to design, implement, and monitor the curriculum, syllabi, and assessments.

## Examination Autonomy

The controller of Examinations (CoE) is responsible for the announcement of the Examination Time Table, Preparation of Question Papers, Conduct of End Semester Examinations, Evaluation of Answer Scripts, Declaration of Results, and Issuing of Grade Sheets.

## Student Autonomy

Students are assigned individual responsibilities like Class representatives, Class committee members, members of BoS, Coordinators for co-curricular and extra-curricular activities, and college events.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/2023-2024-2/">https://alameen.ac.in/2023-2024-2/</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

AEC evolves its strategic plan based on its SWOT analysis, stakeholders feedback, and its need to meet competitive environment among the institutions. Strategic planning is proposed as a key tool for a systematic approach to bring the necessary changes for greater internationalization in the institutional direction and daily operations. The long-term strategic plan is revised once in five years and the short-term plans are revised once in a year. The key decisions of the strategic plan are discussed in the Governing Council for further improvement in the plan and communicated to stockholders for implementation. The Strategic Plan of Al-Ameen Engineering College (Autonomous) is derived to enhance the activities of various stakeholders to reach the vision and mission of the Institution.

This Strategic plan emphasizes the developments in the following areas:

- Curriculum Aspects
- Teaching-Learning Process
- Research Activities
- National and International Collaborations

- Industry and Community Interactions
- State-of-the-art infrastructure
- Involvement of Stockholders
- Accreditation Ranking & Reorganization (National and International)

The long-term strategic plans envisioned are:

- Strengthen outcome-based education.
- Promotion of research and development
- Strengthen industry-institution interaction.
- Improving the position in ranking in NIRF, NAAC, and Accreditation

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

#### Functioning of the various institutional bodies

##### Administrative set-up

The academic administration is preceded by the Principal, Heads of the various departments, and followed by the faculty members. Where all the Institutional matters are discussed with this composition for their instinct and guidelines and to ensure preparedness before implementation.

##### Academic Bodies

The Academic Council and Board of Studies which are Statutory Bodies of the autonomous institution take essential monitoring of the curriculum, Programme to be implemented, courses to be included, syllabi improvisation.

### Appointment procedures

Faculty / Staff appointments are made based on the needs and as per the AICTE / UGC norms. Advertisements are released for the appointment of faculty/staff on the website, social media, and in leading dailies. The resumes received are scrutinized by the HODs and suitable candidates are called for interviews by the Selection Committee.

### Service rules and procedures

The service rules are framed by the Principal as per the AICTE norms in consultation with the Management and approved by the Governing Body. The service rules are made available on the Institutional website. Promotion to a higher cadre depends on experience, teaching, research, and satisfactory academic and related activities in the Institution.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>

### 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) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

### 6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The Institution strongly believes that the state of wholesome health and wealth of employees can be reflected in their work efficiency and dedication. Hence, the Institution has taken up immense responsibility for taking care of their well-being and created possibilities for both the teaching and non-teaching staff.

#### Health

- All members of faculty and supporting staff were provided with group insurance facilities to support them at needy times. Female staff and faculty can avail of maternity leave for six months.

#### Avenues

- Faculty members are provided with a congenial work environment. Faculty members are given free transportation facilities.
- Faculty/staff also can avail quarters/hostel within the campus.
- Summer and Winter Vacations for faculty and staff members

#### Wealth

- Faculty/staff can avail salary advance if any necessity arises.
- Faculty and staff can avail 25% fee concession for their children in the school and college run by the management.
- Special allowance of Rs.10,000/- provided to the faculty with Ph.D. qualification

#### Career development

The Institution provides On-duty and financial support to faculty and supporting staff undergoing training programs and attends seminars, symposia, and conferences, workshops at national and international levels.

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

Paste link for additional information	<a href="https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf">https://alameen.ac.in/wp-content/uploads/2024/09/AEC_HR-Policy-Handbook-Final-29.08.2024-1.pdf</a>
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### 6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

27

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

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

35

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established a mechanism for conducting internal and external audits of the financial transactions every year to ensure financial compliance. Internal audit is conducted by the financial committee of the institution. An external audit is conducted once every year by an external agency.

#### Process of the internal audit

All vouchers are audited by the financial committee every year. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Head of the Institution.

#### Process of the external audit

The accounts of the Institution are audited by chartered accountants regularly as per the government rules. Discrepancies during the audit are discussed and sorted out with the supporting documents.

#### Audit procedures

##### 1. Sources of Income Verification

Auditors cross-verify the fee collections and scholarships with an approved list of students. The Received Grants are checked.

##### 2. Expenses Vouching

The payments of vouchers are audited by Internal Auditors with relevant invoices and bills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://alameen.ac.in/audited-statement-2024/">https://alameen.ac.in/audited-statement-2024/</a>

**6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

8.83

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institution has a well-defined financial structure to ensure effective and optimal utilization of resources for academic, administrative, development, and maintenance purposes.

#### Fund mobilization

Broadly, major internal resource mobilization is in the form of Academic Receipts (Admission fees, tuition fees, examination fees, etc.). Meanwhile, the external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits (loans from banks), etc., to meet expenses.

#### Fund allocation

During the budget preparation, all the academic, department heads are requested to provide the annual budget requirements because the development and updating of laboratories, consumables, computing facilities, library, teaching-learning process, training, extension activities, software, etc., Finance committee will meet to deliberate the proposal and makes necessary changes for proper balance of receipts and expenditure.

#### Fund utilization

The Financial Committee keeps track of the budget throughout the year and confirms adequate resources are spent for teaching-learning practices, salary and wages, library facilities, day-to-day operational and administrative expenses, maintenance charges, purchase / up-gradation of laboratory equipment, etc., Optimum utilization of fund for purchase is ensured by the Planning and Purchase Committee.

Experience in budget utilization during past years helps out inefficient budgeting and optimal utilization of financial resources.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/audited-statement-2024/">https://alameen.ac.in/audited-statement-2024/</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC actively functions in the institution to ensure the quality of all aspects. The following initiative has been taken to improve quality.

### 1. Achieving good-quality student admission

- School students are given a campus tour and organization of sports events to familiarize themselves with college facilities.

### 2. Teaching & Learning Methodologies

- Google class room has created and posted all the course materials.
- Guest lectures and Expert talks are arranged for the effective implementation of OBE.

### 3. Continuous Internal Assessments for improving the Academic Results

- Question paper feedback from faculty and students is collected to improve the standard of the question papers
- The external audit has been done to improvise the examination process

### 4. Students Innovation

- Encourages student innovation through funding from MSME, DST, etc.,

### 5. Placement

- Placement Cell organizes programs to develop technical skills for higher-paying jobs in reputed companies.

The IQAC monitored and adhering the activities by conducting Academic and administrative audits regularly and the outcomes were analyzed to ensure continuous improvement thereby increasing the performance of the institution in all ways. Also, Energy audits and Green Audits were conducted to enhance the campus sustainability.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

**IQAC significantly contributes to monitoring the teaching-learning process and enhancing the institution's academic and administrative performance through an audit system.**

Academic Audit is an integral part of the dynamics of higher education to achieve and maintain academic excellence. IQAC believes that Academic Audit provides an opportunity for a regular strategic overview of the teaching-learning process (TLP).

IQAC conducts an internal audit twice a year by internal faculty members and an external audit once a year by External expert members during every academic year. The auditor will observe audit findings during the Audit. If there is any deviation, a Non-Conformity report (NCR) with corrective measures is prepared by the IQAC coordinator and subjected to verification in the subsequent audit and the same will be submitted to the IQAC office for consolidation which will be submitted to the principal for further action.

IQAC is responsible for developing quality benchmark parameters for various academic activities of the institution.

Faculty employs the following for various academic activities; online classes through Google Meet and Microsoft Teams, YouTube Lectures, Proto-type models and Animation clips etc.,

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

Paste link for additional information	<a href="https://alameen.ac.in/iqac/">https://alameen.ac.in/iqac/</a>
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**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://alameen.ac.in/iqac/">https://alameen.ac.in/iqac/</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

Anti-ragging Committee, Grievance Redressal Committee, Prevention of Sexual Harassment Cell, and Women Empowerment cell are exclusively functioning on the campus.

Women Empowerment Cell organizes women empowerment lectures, awareness programs, and various competitions to motivate young female students.

The following are the responsibilities of the Women empowerment cell:

- To foster and support the professional and personal development of women (students and faculty)
- To create awareness amongst the students about the issues related to the youth.
- To disseminate knowledge about rights and laws related to women.
- To foster decision-making ability among female students for making informed choices in areas like education, employment, and health.
- To make them understand about their importance to the society.

- To deal with gender-based violence issues
- To conduct a gender sensitization program
- To help and empower the students who are underprivileged, economically weak, and differently abled to participate fully in college activities.

Various explicit facilities such as a separate ladies hostel, female counselor, and women's common room are available to facilitate the well-being of women on the campus. Safety and security of women inside the campus is ensured through 24x7 security service with CCTV surveillance

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://alameen.ac.in/non-statutory-bodies/">https://alameen.ac.in/non-statutory-bodies/</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)**

**Solid waste management:** Dead leaves, vegetable, and food wastes collected every day are sent to the bio composting yard for the production of 5 to 6 tons of bio-manures. These bio-manures are utilized for organic farming. The sludge from the Sewage Treatment Plant (STP) after the drying process is used as organic manure.

**Liquid waste management:** STP with a capacity of 25, 00, 000 L/day is used to treat the waste water collected from the hostels and the college. This treated water is used for gardening purposes. The Biogas plant generates 200 KW/day utilizing the liquid wastes and uses it to run the electrical motors installed at STP.

**Biomedical waste management:** The biomedical wastes collected are incinerated. The Injected needles are disposed of using a needle destroyer.

**E-waste management:** The Test and Repair Centre collects thee-waste once every year and outsources the waste components to an external agency.

**Hazardous chemicals and radioactive waste management:** Hazardous wastes are managed with appropriate techniques. There is no generation of radioactive waste. **Waste recycling system:** The sludge resulting from STP is converted into organic manure, liquid waste is converted into electrical energy, and recycled water is used for gardening.

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

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

A. Any 4 or all of the above

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

**7.1.5 - Green campus initiatives include**

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic

A. Any 4 or All of the above

## 5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,**

A. Any 4 or all of the above

reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Efforts to handle Cultural diversity:**

The Institute accommodates the cultural diversity of students by encouraging them to exchange cross-cultural ideas and celebrations of the festivals of different cultures and their values. Students from other states are motivated to participate in the cultural festivals of Tamil Nadu.

**Efforts to handle Regional diversity:**

The Institute always manages cultural diversity in religious differences. This includes schedule changes, dress code exceptions, and excused absences from programs that might be conflictive with the students and employees beliefs.

**Efforts to handle Linguistic diversity:**

The institution always ensures culturally inclusive communication with employees and students to manage a diverse workforce. All procedures, safety rules, and other important information are designed properly to overcome the language barriers.

**Efforts to handle Communal diversity:**

The students and the faculty of all communities and religions are a part of the institution which shows that the institute strives to provide a conducive environment for all.

**Efforts to handle Socio-economic diversity:**

The institution has taken initiatives to accommodate students from socio-economic groups by providing fee concessions and scholarships in admitting students under the management quota.

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

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

The values are inculcated through courses in the curriculum, namely Universal Human Values, Professional Ethics, and Constitutions of India. In addition,

Yoga programs are organized to make our students understand the value of being humane.

Through NSS and NCC various programs are organized to make the students realize their rights, duties, and responsibilities.

Awareness programs are conducted to make the students understand the constitutional responsibilities and disseminate to others the importance of voters' rights and their responsibility in selecting the right government. The constitutional obligation of unity in diversity is practiced on the campus and students are informed about it often. Students take oath on National Unity Day on October 31st and National Voters Day on January 25th every year.

The institution motivates the students to participate as volunteers in election duties to help the government increase the polling percentage of responsible voters.

The institution creates awareness among the community about how rights and duties play an important role in their professional life in the development of the Nation and in the growth of an organization.

Further, a graduate's responsibility during every graduation day is listed and the pledge is administered by the head of the institution.

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

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized**

A. All of the above

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Our Institution has students from different parts of India. National and Regional Festivals National and Regional festivals are celebrated with enthusiasm and traditional flavor. The cultural, ethnic, and religious diversity in India has given rise to myriad festivals that are celebrated with unparalleled enthusiasm by students of AEC.

National and International Commemorative Days: We celebrate Republic Day with great ardor to recognize the constitution of the country on 26th January 1950. The celebration includes the hoisting of the national flag and the spreading of a warm message of nationalism by eminent personalities.

Women's Day is celebrated on 8th March to recognize the women achievers.

International Yoga Day is celebrated on 21st June to promote yoga among students. Yoga Practitioners and experts are invited to address the faculty, staff, and students.

On 15th August, we celebrate Independence Day to emphasize national integration preserve the rights of an individual, and remember national leaders and their sacrifices.

5th September is celebrated as Teacher's Day, the birth anniversary of Sir Sarvepalli Radhakrishnan, to honor the great services of teachers.

15th September is celebrated as Engineer's Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### ACTIVE PRACTICES TO IMPROVE THE STUDENT QUALITY

The goal is to bring awareness about professional thinking and develop the overall personality of the students. Apart from mere listening and taking notes, the students are made to participate in a mixture of class activities like loud reading, presenting, discussion, sharing views, etc. In addition, the students are patterned to develop the following:

- Active learning
- Branding them self
- Communicating in a professional way
- Developing their values
- Enhancing the leadership Quality
- Formulating and preparing life skills

There is always space between the skills of the students and the expectations of the stakeholders. The skill set of a student cannot be judged based on the involvement in day-to-day activities and learning in the class.

#### MENTOR-MENTEE RELATIONSHIP

The purpose of this practice is to ensure openness among the mentor and students towards improving overall personality. This relationship ensures a better understanding of the students and lends support to overcome their problems with the guidance of mentors. Each student can share and discuss their problem which helps to build a good rapport with the students. This support helps the facilitator and the student to succeed.

File Description	Documents
Best practices in the Institutional website	<a href="https://alameen.ac.in/wp-content/uploads/2023/12/Best-Practices-of-the-institution.pdf">https://alameen.ac.in/wp-content/uploads/2023/12/Best-Practices-of-the-institution.pdf</a>
Any other relevant information	<a href="https://alameen.ac.in/facilities/">https://alameen.ac.in/facilities/</a>

### 7.3 - Institutional Distinctiveness

#### 7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

As envisioned in the vision of the institution, it is important to enhance the skills of students from the school level so that they can meet the needs of the skill set. For this purpose, we have arranged an outreach program for school students to learn about the basics of engineering, especially in the field of mechanical engineering. A Community Outreach team helps individuals in a community. The main purpose of this program is to raise awareness about the individual's skill set which empowers them towards engineering that would benefit the student community. This certification helps the students to obtain a job by proper mention of the program. This will inculcate their inner abilities about technical ideas to solve a problem. The program molds the students to empower themselves in the fields of engineering and life sciences.

File Description	Documents
Appropriate link in the institutional website	<a href="https://alameen.ac.in/road-mapvision-mission/">https://alameen.ac.in/road-mapvision-mission/</a>
Any other relevant information	<a href="#">View File</a>

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

- To submit MoUs with the industry for placement, teaching-learning process, internship, R&D activities, and consultancy.
- To submit more Research Grant proposals and patents.
- To establish Centers of Excellence in emerging fields
- Improving the supporting staff Quality by making them participate in the skill development programs.
- Improving the placement opportunities and number of placements by improving the Technical skills of the students.
- Through the awareness session and training, increasing the number of students appearing for the GATE, GRE, and TOEFL examinations.
- To introduce certificate programs/self-learning courses and study abroad programs.
- To motivate faculty to enroll/complete doctoral programmes; obtain research guide ship; and submit the research proposals to funding agencies.
- To motivate faculty and students to participate in extension activities with Government Organisations and non-government organizations.