



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

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**

2.Institutional status

- 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**

3. Website address (Web link of the AQAR (Previous Academic Year)) <https://www.alameen.ac.in/images/2023/AQAR-2020---2021-1-1.pdf>

4. Was the Academic Calendar prepared for that year? **Yes**

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

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 **Yes**

uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

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 co-curricular 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)
Annual Governing Council Meeting	20/12/2021

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

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2021 - 2022	28/12/2022				
15. Multidisciplinary / interdisciplinary					
<p>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.</p> <ul style="list-style-type: none"> 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 the 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):

As per NEP 2020, Academic Bank of Credits (ABC) has been registered by our Institution. • A login id has been created in accordance with National Academic Depository (NAD); an online store house of all academic records. This helps the institution to move towards ABC. It also helps students for multiple entries and exit during their studies • Faculties are encouraged to refer Local, National and International needs of society. Faculties also refer syllabus and curriculum of National and International Institutions. • A Faculty meeting is conducted before every Board of Studies and faculty's opinion is sought regarding curriculum, syllabus, textbook, reading materials, assignments, assessments and pedagogical approaches.

17.Skill development:

The institution has taken initiatives to strengthen the vocational education and soft skills training from the first semester in accordance with the National Skills Qualification Framework. • One credit courses, Value added courses are introduced in the main stream of the curriculum. • To promote value-based education, courses on Yoga, Indian constitutional acts, ethical values, Induction programme on Universal Human Values (UHV) and life skills are integrated in the curriculum. • Curriculum has been updated with the employability courses to promote vocational stream with the support of industry experts. To promote Skills, Institution has been organizing PMKVY Scheme to enhance knowledge of employability skill among the students. • The following skill development practices enhances the quality of students; (i) Career Development Skills and LSRW training (ii) options to learn foreign languages like German and French through self learning software (iii) Courses related to problem solving methods and (iv) activities through various clubs.

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

In general, teaching-learning methods of this institution are in English. However, local and regional languages such as Tamil and

Hindi are used for needy students to make them better understanding of the courses. Indian arts, culture and traditions are encouraged through cultural activities and music club to emphasize Indian knowledge system.

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

This institution has introduced Outcome Based Education (OBE) and Choice Based Credit System (CBCS) in the year 2017. • The syllabus has been developed to focus on the course outcomes (COs) for the attainment of programme outcomes (POs). • The best practices adopted for effective implementation of outcome based education are curriculum design, curriculum development, teaching and learning methods, assessment, continuous quality improvement (CQI) and monitoring.

20.Distance education/online education:

In this institution, importance is given for offline and online education. We encourage the faculty and students to take online courses offered by NPTEL and SWAYAM platforms to enhance in-depth knowledge in the emerging areas. Students are encouraged to attend National and International Online certification courses.

Extended Profile

1.Programme

1.1 8

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 618

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 109

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

656

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

387

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

65

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	8
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3.2	65
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	9
Number of sanctioned posts for the year:	
4.Institution	
4.1	276
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	33
Total number of Classrooms and Seminar halls	
4.3	367
Total number of computers on campus for academic purposes	
4.4	50.17
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.

The course outcomes (COs) satisfy the needs of POs and PSOs. This outcome based education (OBE) system helps the institution to produce self learners, administrators and entrepreneurs through its innovative curriculum, syllabus and teaching-learning methods.

Process of Curriculum Development

The AICTE (model curriculum), UGC, Anna University, Outcome Based Education (OBE), national and international premier institutions curriculum, feedback of stakeholders 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 (PAC), Board of Studies (BoS), Academic Council (AC), Governing Council (GC) for its approval and implementation.

Curriculum Components

The curriculum consists of Basic Sciences, Humanities and Social Sciences including Management, Engineering Sciences, inter disciplinary and multi disciplinary - core courses, 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.

Choice Based Credit System (CBCS)

One or two elective courses in the curriculum are waived off for students clearing online courses through NPTEL/SWAYAM courses of 3 credits and Industrial Training/ Internship of minimum 6 weeks. such students are exempted from studying elective courses in 7th semester.

Employability, Entrepreneurship and Soft Skill Courses

Courses on Industrial Training / Internship, Project Work, Career Guidance to enhance the employability, entrepreneurship, soft/research skill of students.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.alameen.ac.in/

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	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

269

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

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

113

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

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

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

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

Equal opportunities are provided to the students, faculty and staff without any gender discrimination. Gender related issues are addressed through awareness programmes by various club activities, Sexual Harassment Cell and the women empowerment cell. The Programme outcomes which define the graduate attributes are disseminated to all students and addressed during induction programme. The vision and mission statement includes self learners, experts, ethical and responsible engineers who will significantly contribute to environment friendly sustainable growth of the nation and the world.

? PROFESSIONAL ETHICS & HUMAN VALUES

The objectives 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 following courses in the curriculum focus on the normal principles, social values and loyalty to service.

Universal Human values & Understanding Harmony Professional Ethics Constitution of India The course Universal Human Values is introduced in the curriculum to develop the holistic perception for self exploration among themselves and also with family members. Yoga education is provided to all the students of the institution.

? ENVIRONMENT AND SUSTAINABILITY

The various student clubs like Institution Innovation Cell, Entrepreneurship Development Cell, Swachh Bharat, Unnat Bharat Abhiyan are functioning effectively to enrich the students

knowledge on Environment and sustainability. The following courses address the environment, sustainability and climatic changes related issues.

Disaster Management Environmental Science

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	View File
Any additional information	View File

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

10

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

526

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

109

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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	https://alameen.ac.in/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://alameen.ac.in/
Any additional information	View File

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

276

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

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)

260

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

2.2 - Catering to Student Diversity

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

The Performance of students are periodically monitored through assignment, tutorials, continuous assessment tests and lab classes. The slow and advanced learners are identified based on their performance, background, abilities to learn and accordingly remedial measures are taken to meet their needs.

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

Advanced learners are motivated to prepare well and get placed in organizations that offer higher salaries. Students are encouraged to prepare for competitive examinations like GATE, CAT, UPSC and TNPSC in order to enhance their opportunities to admission for higher studies. 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.

Slow learners are given additional inputs by conducting remedial classes with video clippings, handouts, additional assignments/tutorials for problem solving. Mentoring System is in practice to resolve the difficulties faced by the slow learners both academically and personally. They are continuously monitored and motivated by mentors to improve their performance.

The institution also provides aptitude and soft skill training for slow learners to develop their employability skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/05/2022	618	74

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

1. Experiential learning

Laboratory Sessions are conducted with content beyond syllabus experiments

To develop creative thinking, few experiments and mini Projects are given to students which are not in the syllabus. This enables students to work in teams and motivate them to explore new innovation.

Summer Internship

Students are encouraged and facilitated to go for internship during summer holidays, and spend their time working on relevant projects, learning about the field studies, making industry connections, and developing both hard and soft skills.

Add-on Courses

Students are motivated to enhance the Knowledge skills through NPTEL / SWAYAM, Guest lectures apart from employability courses

offered in the curriculum.

Project development

By doing projects in emerging technologies, students improve their knowledge in design and development. Project work are assisted by faculty mentors.

Industrial Visits

Every academic year, each departments organize industrial visits for students to provide exposure to industrial work culture.

2. Participatory Learning

Students participate in various activities viz. seminar, group discussion, Project Expo, Technical Symposium, attend conferences and present papers.

3. Problem-solving methods

Students are given exposure on problems relating to various cross cutting issues namely gender, human values, climate change, environment etc.. so as to make them to attempt solve problems. They are mentored by faculty and given ideas to solve the problems. Case studies are given to analyze and make decisions. Regular tutorials and Mini Projects also help them to solve problems.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://alameen.ac.in/

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

Use of ICT tools has greater impact in students learning, as they can access the learning materials anytime from anywhere. Faculty are given training to regularly update the various tools available for modern innovative teaching and learning.

They prepare course contents and upload in Google classroom for students to access from anywhere. Students can post their

queries in the platform and chat with faculty. Assignment / Tutorial questions, MCQs are posted in this platform to improve their learning levels.

Faculty also Register NPTEL / SWAYAM courses and update their knowledge. Notable number of faculty have taken various courses and qualified the examinations in NPTEL.

Faculty are provided facilities to use online platforms such as Zoom and Google meet to deliver lectures in online. Continuous assessment tests and end semester exams are conducted using these platforms.

Smart classrooms are available in all departments where the faculty can download video clippings, course contents and quizzes online.

During pandemic faculty have video graphed the experimental setup and demonstrated the conduct of experiments and shown how experimental readings are taken.

Using ICT tools and with online mode, guest lectures, conferences, symposiums, placement training are conducted enabling students to participate from remote areas.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://alameen.ac.in/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

75

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

The Academic calendar is prepared by Internal Quality Assurance Cell (IQAC) in consultation with principal. It is prepared well in advance before the commencement of classes in the beginning of every academic year and circulated among faculty and students. The calendar contains the working days for the odd & even semesters, schedule of all curricular activities including continuous assessments, end semester examinations and general holidays. The academic comprises the start and finish dates of classes, Continuous Assessment Test timetables, End semester Examination (ESE) time tables, and tentative dates for practical and viva voce examinations.

The Continuous Assessment Tests are kept running smoothly by the IQAC. The CAT answer scripts were given to the students for clarification once the scripts had been evaluated. Normally faculty will complete the evaluation within three working days from the date of exam.

The calendar also provides schedule for Co-curricular activities, government and local holidays apart from the general holidays. The calendar facilitates the students to plan and prepare them for internships during winter and summer vacations. The Academic calendar for the last five years is uploaded.

Teaching Plan

The faculty prepares their lecture plan ahead of the semester and approved by the module coordinator and Head of the Department. The faculty prepare their lecture plan based on the working days/calendar and conduct classes.

Course Diary is issued to course handling faculty, which includes hour by hour lecture plan along with the mode of content delivery for each course.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

74

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

14

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	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

8

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

25

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

6

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

The College being an Autonomous institution is continuously carrying out reforms in its examination systems through integration of IT in all the processes of the examination system. The reforms are enforced in the continuous internal assessments, marks entry (Assignments, Tutorials, continuous assessment tests etc.) and the performance of students are analyzed by generating necessary reports such as maximum marks awarded, class average, Calculation of COs and POs and for Identification of slow and advanced learners.

The activities related to examination Process are integrated into IT; right from the student registrations and payment of examination fee are made through on line process with personal log-in details. The activities integrated into IT include

Hall ticket generation
 Dummy number generation
 Present and absentees statements generation
 Bundling of answer scripts
 subject wise Results tabulation
 Publication of Results Grade Sheets/Transcripts/Consolidated Mark sheets

In addition to this, the conduction of online examination using google forms, google classroom are also available. Facilities are also available to conducts quizzes on line.

Questions are set for all the 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 if all COs and their learning levels.

The answer key and the scheme of valuation are prepared by the Course coordinator of the subject with the approval of module coordinator and HOD.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.aec.ecoe.in

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

PEOs are defined for each department in alignment with their vision and mission statement. Programme Specific Outcomes are framed to help attain PEOs and the vision of the department.

The Curriculum and Syllabi 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.

The POs and PSOs are displayed / printed inCollege website, all prominent places of the department faculty cabins, department library, main library,

Classrooms and Laboratories Curriculum and Syllabi book Faculty Course Diary, Lab Records and Lab manuals

The POs and PSOs are made available to all stakeholders through

website

The Course outcomes are disseminated to students through Curriculum and Syllabi book, Student induction programme, Question papers,

Mentor-Mentee meetings

The COs of each course is discussed with the students at the beginning of each module in the class, by the faculty. The COs are mentioned in the internal assessment test and end-semester question papers along with its knowledge level for each question.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://alameen.ac.in/

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

Attainment of COs

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

Direct assessment tools for COs

The various tools used for the direct assessment are Assignments, Tutorials, Seminar, Continuous Assessment Tests, End Semester Examination, Rubrics for project works

Indirect assessment of COs

The tools used for Indirect assessment include course-end survey collected at the end of every semester for each course.

Attainment of POs and PSOs

The attainment of POs and PSOs are measured directly from the COs. The relevant COs from various courses are mapped with the

appropriate POs. The attainment of POs and PSOs are measured quantitatively through COs by assigning weightage to the COs, that are contributing to a particular PO / PSO. The level of contribution to a PO / PSO may be Substantial (3), Moderate (2), and Slight (1) respectively.

Indirect Assessment of POs / PSOs

The Indirect Assessment of POs / PSOs include the programme exit survey collected from all students upon completion of the programme, through questionnaire; the survey questionnaire collected from alumni, employer and also survey obtained from internships, workshops etc..

Cumulative POs and PSOs attainment

PO/PSO attainment = 80% of direct assessment + 20% of indirect assessment

Cumulative POs and PSOs attainment are calculated at the end of every academic year and are analysed for further improvement through discussion in PAC, DAB and BOS.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alameen.ac.in/

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

104

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

2.7 - Student Satisfaction Survey

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

<http://alameen.ac.in/images/2021/Feedback-2021---2022.pdf>

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 main focus and objectives of R&D are:

- To promote research and development with special emphasis on rural and socially relevant issues
- To inculcate multi-disciplinary research and product developments

AEC 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.
- On-duty leave, traveling allowance (TA), dearness allowance (DA), and registration fees for presenting papers at national/international conferences.
- Flexibility in academic workloads when the research is nearing completion. Special allowances on completion of a

doctoral degree.

- Incentives for faculty submitting proposals to funding agencies on getting the grants.

The Research Advisory Committee (RAC) constituted by the Principal invites project proposals for seed money from the institution. The seed money proposals are scrutinized for their relevance and recommended for grants.

All faculty members have free access to Science Direct, IEEE, ASCE, Springer, N-LIST, ProQuest, EBSEO Engineering Core, World eBook Library, and DELNET to refer the publications, academic-related topics, and the most recent developments in various fields.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://alameen.ac.in/
Any additional information	View File

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)

7.7

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

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

11

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

3.9

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alameen.ac.in/
List of research projects during the year	View File

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	View File
Institutional data in Prescribed format	View File

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://alameen.ac.in/
Any additional information	View File

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), Community Radio, 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 in the application of Technology for societal needs. Necessary support is 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 toward innovation and entrepreneurship. It provides assistance and encouragement for successful start-ups. 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	View File
Paste link for additional information	https://alameen.ac.in/

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

13

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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 course work Plagiarism check through authenticated software

A. All of the above

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	View File
Any additional information	View File

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

0

File Description	Documents
URL to the research page on HEI website	https://alameen.ac.in/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

30

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

8

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

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

12

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

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

3.9

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

1.56

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

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 make students understand the various societal problem and work for solving them. 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, Government schools and make them aware of the cleanliness of the community and the children. A "Cycle Rally" is also conducted for 16 km on Clean India Movement. A rally on International Day on Drug Abuse is conducted to sensitize the youth in the neighboring town, Moddakurichi. Blood donation camps are regularly conducted in collaboration with government hospitals, Erode, and the Lions Club. "Voters Awareness Rally" is conducted to create awareness of voting and volunteering activities for the smooth conduct of elections in nearby localities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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)

5

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

291

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

31

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

26

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college is well-equipped with physical and technology-enabled infrastructure that supports running smoothly both academic programs and administration-related activities. The Classrooms, Laboratories, and Seminar Halls are well equipped along with a computing system, LCD projector, and Internet facility. Totally 31 classrooms & Tutorial Halls are available. Every department of the college is equipped with individual faculty cabins and basic amenities like intercom, internet, and computing facilities.

The institute has a canteen, an Indoor stadium with a gymnasium, a Playground with track facilities, an open-air auditorium, and a closed auditorium of 1200 seating capacity

At the beginning of the academic year, an assessment needed for replacement / up-gradation / addition of the existing infrastructure is carried out based on students intake, The Head of the departments, after reviewing course requirements, computer-student ratio, budget constraints, working conditions of the existing equipment and also students' grievances are to be verified and updated. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities / extra-curricular activities, parent-teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences, etc.

Creation of Physical Ambience:

Laying of tar with bitumen roads, connecting all the academic and hostel blocks

Paver blocks have been laid on the adjacent side of the building.

Cool shade coconut trees to provide a greenish atmosphere. Tree cover to provide a green atmosphere.

Grass landscaping

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

It 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 sports and games that include, volleyball, , carrom, table tennis and chess, gymnasium and cultural activities also exist in the Girls and Boys Hostels.

Qualified Physical Directors are been appointed to take care of day- to-day games and sports activities of the college.

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

We have separate Yoga Class room where students and faculty members do meditate and even practice yoga.

Students are very much encouraged to participate in the cultural events in inter and intra college technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

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

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

7.07

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

The Central library have fully automated through Libman 1.1 (Own Software) for 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	View File
Paste link for additional information	https://alameen.ac.in/

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

1.52

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

4.2.4 - 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

25

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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 2017. 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 the 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 the 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 100Mbps

More than 300+ desktops are available in Labs, Digital Libraries, Staff Rooms, and so on.

The firewall at the entry point enforces security policies in terms of internet access

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
618	367

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: A. All four of the above Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/
List of facilities for e-content development (Data Template)	View File

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)

50.17

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom, etc in the institute. The maintenance of physical, academic, and support facilities is carried out by the respective departments with the help of in-house staff daily and periodically. And care has been

taken to keep the equipment, machine, etc in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

597

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

72

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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) A. All of the above

Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://alameen.ac.in/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

105

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

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	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

102

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

5.2.2 - Number of outgoing students progressing to higher education

2

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

0

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

7

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

We at Al-Ameen Engineering college are firm believer that Overall development of students is achievable only when we give student a stage to express themselves in their areas of attention other than academic front.

Various Committes:

Planning and Evaluation Committee, Grievance Redressal Committee, Examination Committee, Admission Committee, Library Committee, Students Welfare Committee, Sexual Harassment Committee, Extra- Curricular & Co-curricular Committee, Academic Audit Committee, IQAC Meeting File, Discipline Committee, Career Guidance & Institution - Industry Cell, Women Development Cell, Media Cell, Anti - Ragging Committee, Hostel Committee

We have run various societies and clubs managed by Student's coordinator and overall coordination is done by respective faculty incharge.

Various Societies are namely:

Board of Studies Member

SAE Club

ISHAE student chapter

ISTE Chapter

IEEE Chapter

NSS

NCC

English Literature Club

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

9

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

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

We have presently 100 and plus Alumni enrolled in AEC Alumni Association from Civil, Computer Science and Engineering, Electronics and Communication, Electrical and Electronics, Mechanical Engineering courses. We conduct yearly once Alumni get together. Generally, Alumni Meet is organised once a year. Our present batch of students and faculty come together to organises a enormous welcome and interface session for AEC Alumni's. As a part of welcome ceremony different societies of KSRCE present their programmes in the form of drama, dance, conversation and represent how new students have taken up the

accountability to become the face of AEC. After the welcome ceremony, college management and director interact with Alumni. Followed by some of the Alumni share their success stories and talk about the method required to take KSRCE to greater heights. All faculty members take part in the gathering to be glad about the growth and achievement of their students in the 21st century world and feel proud of the various positions achieved by their students in presumed organisations.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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 envisages 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.

Nature of Governance

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, Administrative Officer, Coordinators / Conveners of various cells and Committees.

IQAC of the institution plays a key role in the preparation of 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 plays a key role in framing various policies and strategies for proper academic, administrative and financial management of the Institution. Faculty members at all levels are nominated as members to the Governing Council, Academic Council and Bos.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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

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

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

Controller of Examinations 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.

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

Program Advisory Committee monitors the activities of the department and suggests ideas to reduce the curriculum gaps in achieving POs and PSOs

Board of Studies reviews and approves Programme structure, Curriculum & Syllabi designed to cater to the needs of students and stakeholders

Academic Council discusses and ratifies the institute level academic issues such as academic calendar, Curriculum and Syllabi, Assessment of internal marks, End semester result analysis, Admission, etc.,

Governing council discusses and approves all the Academic and Administrative activities of the college such as Result statistics of End Semester Examination, Finance committee meeting proceedings, Students intake/ admission, Faculty recruited/ relieved, etc.,

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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, stakeholder's feedback and its need to meet competitive environment among the institutions. The long-term strategic plan is revised once in five years and the short-term plans are

revised once in a year. The long-term strategic plans envisioned in 2020-2025 are,

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

Case study on strategic perspective plan

Promotion of research and development is taken for the case study report

The institution has established a well-defined research policy to motivate faculty scholars and students to take up research work in their desired career path and implemented through the Research Advisory Committee (RAC).

Roles and responsibility of the Research Advisory Committee (RAC)

The primary function of the RAC is to contribute towards encouraging, guiding and monitoring the research activities of the faculty members, research scholars and students in the college and executing sponsored research projects.

The objectives/Roles of RAC are to,

- Promote research among the staff
- Guide the research scholar to develop the study design and methodology
- Periodically review and assist in the progress of the research work.
- Provide guidance on writing research papers for publications
- Review the progress of the research work and provide suggestions
- Provide guidance in preparing proposal for funding agencies
- Check plagiarism

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.alameen.ac.in/
Upload any additional information	No File Uploaded

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.

To achieve the goals and objectives of quality education, the Institution has defined policies and procedures for administration, with constituted institutional bodies, of which the Governing Council is highly authoritative.

Administrative set-up

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

Academic Bodies

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

Other institutional bodies

The Institution has all essential Statutory Bodies / Committees with experienced members from all walks of life, to take decisions for execution through other non-statutory committees.

Appointment procedures

Faculty / Staff appointments are made based on the needs and as per the AICTE / UGC norms to maintain a better Student Faculty Ratio.

Service 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 in 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	https://www.alameen.ac.in/
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

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

Health

- Faculty members and non-teaching staff avail medical facilities for both general and child health in the Bewell Hospital
- Yoga and meditation classes are conducted to enrich their mental and physical health
- Female staff and faculty can avail maternity leave for a period of six months

Avenues

- Faculty members are given free transportation facilities
- Faculty / staff also can avail hostel within the campus
- Providing infrastructural facilities for doing research and consultancy
- Faculty members and staff working hours are as per the norms; library staff members are working in shifts since the library is opening from 8.00 am to 8.00 pm
- Summer and Winter Vacations for faculty and staff members
- Faculty are provided computer system with internet facility

Wealth

- Faculty / staff can avail salary advance if any necessity arises
- The Institution is also facilitating its employees to avail loan from Provident Fund and gives reference to avail loan from the salary credited bank for their needy
- Faculty and staff can avail 25% fees concession for their children in the school and college run by the management.
- Seed money provided for faculties to encourage them to undertake research projects

Career development

- The Institution provides On Duty and financial support to faculty and supporting staff undergoing training programmes, attend seminars, symposia, conferences, workshops at national and international level.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

9

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

63

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

AEC follows all statutory requirements for audits and accounting practices. Internal audit is conducted by the financial committee of the institution. External audit is conducted once in every year by an external agency.

Process of the internal audit

All vouchers are audited by the financial committee on yearly basis. 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 accountant regularly as per the government rules. The Institution has appointed statutory external auditor to audit the accounts once in a year.

Audit procedures

1. Sources of Income Verification

- Auditor cross verify the fee collections and scholarships with approved list of students and other incomes with the receipts issued to the students.
- Fee amount receivable and amount received are reconciled.
- The Received Grants are checked.

2. Expenses Vouching

- The payment of vouchers are audited by Internal Auditors (Recurring and Non-recurring) with relevant Invoices and Bills
- Calculation of depreciation of fixed assets
- Status of the old debit/ credit balances
- Salaries payment with the salary statements
- Checking of statutory dues payment like PF, TDS, and ESI
- Once all financial transactions are accounted, balance sheet, Income and expenditure statement for the financial year are prepared
- Based on the audited financial statements, auditor issues the Audit Report

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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)

5

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Finance committee

Financial Committee reviews the funding pattern, provides guidelines and strategies for mobilizing resources to support the implementation of the Institutions strategic plan, and the fulfilment of its Vision and Mission.

Fund mobilization

Broadly, major internal resource mobilization is in the form of Academic Receipts. The external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits to meet expenses.

Fund raising

It is obvious that each activity/ every person involved in fund raising activity on behalf of the Institution should obtain written permission from the Head of the Institution.

Fund allocation

During the budget preparation, all the academic, department heads and various cell in-charges are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, consumables, computing facilities, library, teaching-learning process, training, extension activities, software and etc.,

Fund utilization

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 laboratories equipment, etc.,

Optimal utilization of funds is ensured by

Allocating adequate funds for effective teaching-learning practices including conduct of FDPs, workshops, conferences, inter-disciplinary activities, and consistent up gradation of laboratories, R&D, library and sports facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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)

Example 1: INSTITUTIONALIZING QUALITY ENHANCEMENT INITIATIVES

The IQAC takes various initiatives to ensure incremental improvements of quality and its sustenance in all events of academic activities such as,

- Teaching Learning Process - Outcome based Education
- Innovative and Modern Technologies in TLP
- Faculty and Student skill development
- Research and Innovation
- Training and Placement
- Submission of AQAR to NAAC
- IIQA and SSR submission to NAAC
- NBA / NIRF Accreditation process
- Feedback analysis and Remedial measures
- Institutional Innovation Council

Example 2: TEACHING LEARNING PROCESS - OUTCOME BASED EDUCATION

Each course has outcomes which states the skills to be acquired by the students upon completion of the course namely the programme outcomes (POs) which are to be assessed at the end of the programme. The course outcomes (COs) are mapped to programme outcomes as they strongly contribute to the attainment of the POs. Direct and indirect assessments are carried out to measure the attainment of POs and COs. The continuous internal assessment and the semester-end examinations contribute to the direct assessment methodology. The attainment of course outcomes is recorded for each semester and necessary follow-up action is taken if any of the course outcomes is not attained. The programme outcomes are assessed and subsequently follow-up action is taken where required. To substantiate the attainment of COs and subsequently POs, the question papers of internal assessment tests and semester end examinations follow Blooms Taxonomy levels with emphasis on higher order thinking questions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

INTERNAL AND EXTERNAL AUDIT SYTEM

The primary responsibility of the Internal Quality Assurance Cell involves regular reviews of the existing processes, analysis of feedback received from the students, faculty, parents and different stake holders for the developments of the Institution.

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 regular strategic overview of teaching learning process (TLP). The internal Academic Audit is conducted by IQAC and analyse for key performance Index. IQAC suggests corrective measures and actions are carried out.

The senior most faculties are assigned to conduct audit, faculty member is provided with a copy of academic audit form for the

purpose of auditing. Audit committee report is sent to concerned department Heads for the action to be taken. External Audit is conducted by a team of Professors from reputed Institutes.

INNOVATIVE AND MODERN TECHNOLOGIES IN TLP

Faculty employs Modern Technology tools for various academic activities; online classes through Google Meet and Microsoft Teams. Modern audio-visual tools are employed in lecture mode. Power-point presentations, internet resources and animation clips are displayed using LCD projectors during lecture delivery. The use of well-known online learning platforms like NPTEL, Courses, and UdeMy are encouraged both for faculty and students. Google classroom platform is used to manage and post the course related study materials, assignments, quizzes and evaluations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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	https://www.alameen.ac.in/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Safety and security

Hi-Tech Surveillance system:

E- Surveillance with high resolution cameras through day and night facility of distributed recording in control room has been set up in the campus, entry of unwanted element is monitored through these cameras.

*Hostels:

Separate hostels for boys and girl students exist in and off the campus respectively. Behavior of students is monitored under set of well defined rule under the guidance of wardens.

*Security personnel:

The Institution has strong security personnel deployed all around the campus to create secure enrolment

*Medical Facilities:

Health centre with One doctor and Nursing staff is available in the campus to provide medical care to the students, Specialists are for also invited to visit the campus as and when necessary ,nursing and other staff is available 24 hours with emergency medicine and ambulance .

•Counseling:

The Institution has a system of mentoring in each PG Department for inculcating social, Moral and ethical values .Women cell also create gender awareness through different program. All senior officials are available both for boys and girls for solving their problem any time without any appointment.

Common Rest Room:

In each block of the Institution separate washroom are available for girls and boys. 24 hour's water is available with proper ventilation in the washroom. Separate girl's common room is

created with facilities like indoor games, first aid box and newspapers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid energy conservation power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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

The constructional wastes are collected and filled in lower-lying areas of our institution to tackle rainwater storage in those areas. Inside the campus, the waste collection method is streamlined in the way that the wastes are separated as degradable waste and non-degradable waste at the source and usable points. The classified wastes are sent to the respective disposable and recyclable points on a daily basis. E-waste from our institution is collected and dumped in a room called an E-waste cell. Then it will be disposed to recycling once a year based.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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:

A. Any 4 or all of the above

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus**

recognitions/awards**5. Beyond the campus environmental promotional activities**

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

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

A. Any 4 or all of the above

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

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

Al-Ameen Engineering College is undertaking various initiatives

in the form of celebration of days of eminent personalities National Festivals, NSS, YRC and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. The subject Constitution of India and professional ethics is made mandatory to all UG students across disciplines. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journey. Two important national festivals, Republic Day and Independent Day are celebrated every year in our college. All teaching, non-teaching staff and students participate for the cause of nation. The inspiring speeches are conducted.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities. The college curriculum is framed with courses like Introduction to Constitution of India, Professional Ethics, Value Education, Philosophy of Human Rights and Applied Philosophy as a small step to inculcate constitutional obligations among the students. The department of Economics also framed a certificate course on Legislative Assembly. The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like

seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. Legal awareness camps to impart awareness of such issues etc.

Constitutional Obligations: The Faculty celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	View File
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	View File
Any other relevant information	No File Uploaded

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

Best Practice- I:

ACTIVE PRACTICES TO IMPROVE THE STUDENT QUALITY**Goal**

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

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

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

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

Best Practice- I:**ACTIVE PRACTICES TO IMPROVE THE STUDENT QUALITY**

The goal is to bring awareness about the professional thinking and developing the overall personality of the students. Apart from mere listening and taking notes, the students are made to participate in mixture of class activities like loud reading,

presenting, discussion, sharing the views, etc. In addition, the students are patterned to develop the following.

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

Best Practice-II

STUDENT-MENTOR RELATIONSHIP

The purpose of this practice is to ensure openness among the mentor and students towards improving overall personality. This relationship ensures better understanding of the students and to lend support to overcome their problems with the guidance of mentors. Each student can share and discuss about their personal problem which helps to build a good rapport with the students. This rapport helps the facilitator and the student to succeed. A mentor is assigned to each class at the maximum of 1:15 ratio wherein he does the work of a friend and a philosopher.

File Description	Documents
Best practices in the Institutional website	chrome-extension://efaidnbnmnnibpcajpcglclefindmkaj/viewer.html?pdfurl=https%3A%2F%2Fwww.alameen.ac.in%2Fimages%2F2019%2FBest-Practices-of-the-institution.pdf&cLen=106032&chunk=true
Any other relevant information	Nil

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)

An Atmosphere that facilitates personal commitment to the

educational success of students in an environment that values multiplicity and society.

The Institution is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal, Controller of Examinations, Deans, HODs, senior faculty members prepares the academic calendar well in advance before the commencement of the semester. The faculty members before the commencement of semester prepares the lesson plan, and make it available to the students.

So many efforts are being made for the past few years to change the Teaching - Learning environment into activity based learning. Following are the methods adopted to transform the academic environment:

- Changing the teaching methodology by encouraging the faculty to use power point presentation where ever required.
- Extensive use of online - content and other Video lectures to support the Class - room teaching.
- Students are encouraged to present poster and oral paper presentations. Counseling system:
- Every Faculty member is allotted 15-20 students to whom one acts as a Mentor. The Mentor identifies the academic and personal problems of his/her ward.
- The wards are encouraged to participate both in curricular and extra- curricular activities.

Feedback System -

- Students give feedback about the faculty at the mid of each semester.
- Feedback is taken from the parents of the wards.
- Feedback is also taken from alumni

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.

The course outcomes (COs) satisfy the needs of POs and PSOs. This outcome based education (OBE) system helps the institution to produce self learners, administrators and entrepreneurs through its innovative curriculum, syllabus and teaching-learning methods.

Process of Curriculum Development

The AICTE (model curriculum), UGC, Anna University, Outcome Based Education (OBE), national and international premier institutions curriculum, feedback of stakeholders 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 (PAC), Board of Studies (BoS), Academic Council (AC), Governing Council (GC) for its approval and implementation.

Curriculum Components

The curriculum consists of Basic Sciences, Humanities and Social Sciences including Management, Engineering Sciences, inter disciplinary and multi disciplinary - core courses, 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.

Choice Based Credit System (CBCS)

One or two elective courses in the curriculum are waived off for students clearing online courses through NPTEL/SWAYAM courses of 3 credits and Industrial Training/ Internship of

minimum 6 weeks. such students are exempted from studying elective courses in 7th semester.

Employability, Entrepreneurship and Soft Skill Courses

Courses on Industrial Training / Internship, Project Work, Career Guidance to enhance the employability, entrepreneurship, soft/research skill of students.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.alameen.ac.in/

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	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

269

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility	
1.2.1 - Number of new courses introduced across all programmes offered during the year	
113	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File
1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System	
8	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File
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	
<p>? GENDER</p> <p>Equal opportunities are provided to the students, faculty and staff without any gender discrimination. Gender related issues are addressed through awareness programmes by various club activities, Sexual Harassment Cell and the women empowerment cell. The Programme outcomes which define the graduate attributes are disseminated to all students and addressed during induction programme. The vision and mission statement includes self learners, experts, ethical and responsible engineers who will significantly contribute to environment friendly sustainable growth of the nation and the world.</p>	

? PROFESSIONAL ETHICS & HUMAN VALUES

The objectives 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 following courses in the curriculum focus on the normal principles, social values and loyalty to service.

Universal Human values & Understanding Harmony Professional Ethics Constitution of India The course Universal Human Values is introduced in the curriculum to develop the holistic perception for self exploration among themselves and also with family members. Yoga education is provided to all the students of the institution.

? ENVIRONMENT AND SUSTAINABILITY

The various student clubs like Institution Innovation Cell, Entrepreneurship Development Cell, Swachh Bharat, Unnat Bharat Abhiyan are functioning effectively to enrich the students knowledge on Environment and sustainability. The following courses address the environment, sustainability and climatic changes related issues.

Disaster Management Environmental Science

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	View File
Any additional information	View File

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

10

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

526

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

109

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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	https://alameen.ac.in/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://alameen.ac.in/
Any additional information	View File

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

276

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

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)

260

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

2.2 - Catering to Student Diversity

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

The Performance of students are periodically monitored through assignment, tutorials, continuous assessment tests and lab classes. The slow and advanced learners are identified based on their performance, background, abilities to learn and accordingly remedial measures are taken to meet their needs.

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

Advanced learners are motivated to prepare well and get placed in organizations that offer higher salaries. Students are encouraged to prepare for competitive examinations like GATE, CAT, UPSC and TNPSC in order to enhance their opportunities to admission for higher studies. 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.

Slow learners are given additional inputs by conducting remedial classes with video clippings, handouts, additional assignments/ tutorials for problem solving. Mentoring System is in practice to resolve the difficulties faced by the slow learners both academically and personally. They are continuously monitored and motivated by mentors to improve their performance.

The institution also provides aptitude and soft skill training for slow learners to develop their employability skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/05/2022	618	74

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

1. Experiential learning

Laboratory Sessions are conducted with content beyond syllabus experiments

To develop creative thinking, few experiments and mini Projects are given to students which are not in the syllabus. This enables students to work in teams and motivate them to explore new innovation.

Summer Internship

Students are encouraged and facilitated to go for internship during summer holidays, and spend their time working on relevant projects, learning about the field studies, making industry connections, and developing both hard and soft skills.

Add-on Courses

Students are motivated to enhance the Knowledge skills through NPTEL / SWAYAM, Guest lectures apart from employability courses offered in the curriculum.

Project development

By doing projects in emerging technologies, students improve their knowledge in design and development. Project work are assisted by faculty mentors.

Industrial Visits

Every academic year, each departments organize industrial visits for students to provide exposure to industrial work culture.

2. Participatory Learning

Students participate in various activities viz. seminar, group discussion, Project Expo, Technical Symposium, attend conferences and present papers.

3. Problem-solving methods

Students are given exposure on problems relating to various cross cutting issues namely gender, human values, climate change, environment etc.. so as to make them to attempt solve problems. They are mentored by faculty and given ideas to solve the problems. Case studies are given to analyze and make decisions. Regular tutorials and Mini Projects also help them to solve problems.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://alameen.ac.in/

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

Use of ICT tools has greater impact in students learning, as they can access the learning materials anytime from anywhere. Faculty are given training to regularly update the various tools available for modern innovative teaching and learning.

They prepare course contents and upload in Google classroom for students to access from anywhere. Students can post their queries in the platform and chat with faculty. Assignment /

Tutorial questions, MCQs are posted in this platform to improve their learning levels.

Faculty also Register NPTEL / SWAYAM courses and update their knowledge. Notable number of faculty have taken various courses and qualified the examinations in NPTEL.

Faculty are provided facilities to use online platforms such as Zoom and Google meet to deliver lectures in online. Continuous assessment tests and end semester exams are conducted using these platforms.

Smart classrooms are available in all departments where the faculty can download video clippings, course contents and quizzes online.

During pandemic faculty have video graphed the experimental setup and demonstrated the conduct of experiments and shown how experimental readings are taken.

Using ICT tools and with online mode, guest lectures, conferences, symposiums, placement training are conducted enabling students to participate from remote areas.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://alameen.ac.in/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

75

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

The Academic calendar is prepared by Internal Quality Assurance Cell (IQAC) in consultation with principal. It is prepared well in advance before the commencement of classes in the beginning of every academic year and circulated among faculty and students. The calendar contains the working days for the odd & even semesters, schedule of all curricular activities including continuous assessments, end semester examinations and general holidays. The academic comprises the start and finish dates of classes, Continuous Assessment Test timetables, End semester Examination (ESE) time tables, and tentative dates for practical and viva voce examinations.

The Continuous Assessment Tests are kept running smoothly by the IQAC. The CAT answer scripts were given to the students for clarification once the scripts had been evaluated. Normally faculty will complete the evaluation within three working days from the date of exam.

The calendar also provides schedule for Co-curricular activities, government and local holidays apart from the general holidays. The calendar facilitates the students to plan and prepare them for internships during winter and summer vacations. The Academic calendar for the last five years is uploaded.

Teaching Plan

The faculty prepares their lecture plan ahead of the semester and approved by the module coordinator and Head of the Department. The faculty prepare their lecture plan based on the working days/calendar and conduct classes.

Course Diary is issued to course handling faculty, which includes hour by hour lecture plan along with the mode of content delivery for each course.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

74

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

14

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	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

8

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

25

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

6

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

The College being an Autonomous institution is continuously carrying out reforms in its examination systems through integration of IT in all the processes of the examination system. The reforms are enforced in the continuous internal assessments, marks entry (Assignments, Tutorials, continuous assessment tests etc.) and the performance of students are analyzed by generating necessary reports such as maximum marks awarded, class average, Calculation of COs and POs and for Identification of slow and advanced learners.

The activities related to examination Process are integrated into IT; right from the student registrations and payment of examination fee are made through on line process with personal log-in details. The activities integrated into IT include

Hall ticket generation Dummy number generation Present and absentees statements generation Bundling of answer scripts subject wise Results tabulation Publication of Results Grade Sheets/Transcripts/Consolidated Mark sheets

In addition to this, the conduction of online examination using google forms, google classroom are also available. Facilities are also available to conducts quizzes on line.

Questions are set for all the 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 if all COs and their learning levels.

The answer key and the scheme of valuation are prepared by the Course coordinator of the subject with the approval of module coordinator and HOD.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	www.aec.ecoe.in

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

PEOs are defined for each department in alignment with their vision and mission statement. Programme Specific Outcomes are framed to help attain PEOs and the vision of the department.

The Curriculum and Syllabi 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.

The POs and PSOs are displayed / printed inCollege website, all prominent places of the department faculty cabins, department library, main library,

Classrooms and Laboratories Curriculum and Syllabi book
Faculty Course Diary, Lab Records and Lab manuals

The POs and PSOs are made available to all stakeholders through website

The Course outcomes are disseminated to students throughCurriculum and Syllabi book, Student induction

programme, Question papers,

Mentor-Mentee meetings

The COs of each course is discussed with the students at the beginning of each module in the class, by the faculty. The COs are mentioned in the internal assessment test and end-semester question papers along with its knowledge level for each question.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://alameen.ac.in/

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

Attainment of COs

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

Direct assessment tools for COs

The various tools used for the direct assessment are Assignments, Tutorials, Seminar, Continuous Assessment Tests, End Semester Examination, Rubrics for project works

Indirect assessment of COs

The tools used for Indirect assessment include course-end survey collected at the end of every semester for each course.

Attainment of POs and PSOs

The attainment of POs and PSOs are measured directly from the COs. The relevant COs from various courses are mapped with the appropriate POs. The attainment of POs and PSOs are measured quantitatively through COs by assigning weightage to

the COs, that are contributing to a particular PO / PSO. The level of contribution to a PO / PSO may be Substantial (3), Moderate (2), and Slight (1) respectively.

Indirect Assessment of POs / PSOs

The Indirect Assessment of POs / PSOs include the programme exit survey collected from all students upon completion of the programme, through questionnaire; the survey questionnaire collected from alumni, employer and also survey obtained from internships, workshops etc..

Cumulative POs and PSOs attainment

PO/PSO attainment = 80% of direct assessment + 20% of indirect assessment

Cumulative POs and PSOs attainment are calculated at the end of every academic year and are analysed for further improvement through discussion in PAC, DAB and BOS.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alameen.ac.in/

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

104

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

2.7 - Student Satisfaction Survey

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

<http://alameen.ac.in/images/2021/Feedback-2021---2022.pdf>

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 main focus and objectives of R&D are:

- To promote research and development with special emphasis on rural and socially relevant issues
- To inculcate multi-disciplinary research and product developments

AEC 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.
- On-duty leave, traveling allowance (TA), dearness allowance (DA), and registration fees for presenting papers at national/international conferences.
- Flexibility in academic workloads when the research is nearing completion. Special allowances on completion of a doctoral degree.
- Incentives for faculty submitting proposals to funding agencies on getting the grants.

The Research Advisory Committee (RAC) constituted by the Principal invites project proposals for seed money from the institution. The seed money proposals are scrutinized for their relevance and recommended for grants.

All faculty members have free access to Science Direct, IEEE,

ASCE, Springer, N-LIST, ProQuest, EBSEO Engineering Core, World eBook Library, and DELNET to refer the publications, academic-related topics, and the most recent developments in various fields.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://alameen.ac.in/
Any additional information	View File

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)

7.7

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

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

11

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

3.9

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alameen.ac.in/
List of research projects during the year	View File

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	View File
Institutional data in Prescribed format	View File

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://alameen.ac.in/
Any additional information	View File

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), Community Radio, 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 in the application of Technology for societal needs. Necessary support is 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 toward innovation and entrepreneurship. It provides assistance and encouragement for successful start-ups. 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	View File
Paste link for additional information	https://alameen.ac.in/

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

13

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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 course work Plagiarism check through authenticated software

A. All of the above

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	View File
Any additional information	View File

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

0

File Description	Documents
URL to the research page on HEI website	https://alameen.ac.in/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

30

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/
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	
8	
File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded
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	
12	
File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded
3.5 - Consultancy	
3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)	
3.9	

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

1.56

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

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 make students understand the various societal problem and work for solving them. 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, Government schools and make them aware of the cleanliness of the community and the children. A "Cycle Rally" is also conducted for 16 km on Clean India Movement. A rally on International Day on Drug Abuse is conducted to sensitize the youth in the neighboring town, Moddakurichi. Blood donation camps are regularly conducted in collaboration with government hospitals, Erode, and the Lions Club. "Voters Awareness Rally" is conducted to create awareness of voting and volunteering activities for the smooth conduct of elections in nearby localities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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)

5

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

291

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

31

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

26

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college is well-equipped with physical and technology-enabled infrastructure that supports running smoothly both academic programs and administration-related activities. The Classrooms, Laboratories, and Seminar Halls are well equipped along with a computing system, LCD projector, and Internet facility. Totally 31 classrooms & Tutorial Halls are available. Every department of the college is equipped with individual faculty cabins and basic amenities like intercom, internet, and computing facilities.

The institute has a canteen, an Indoor stadium with a gymnasium, a Playground with track facilities, an open-air auditorium, and a closed auditorium of 1200 seating capacity

At the beginning of the academic year, an assessment needed for replacement / up-gradation / addition of the existing infrastructure is carried out based on students intake, The Head of the departments, after reviewing course requirements, computer-student ratio, budget constraints, working conditions of the existing equipment and also students' grievances are to be verified and updated. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities / extra-curricular activities, parent-teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences, etc.

Creation of Physical Ambience:

Laying of tar with bitumen roads, connecting all the academic and hostel blocks

Paver blocks have been laid on the adjacent side of the building.

Cool shade coconut trees to provide a greenish atmosphere.
Tree cover to provide a green atmosphere.

Grass landscaping

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

It 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 sports and games that include, volleyball, , carrom, table tennis and chess, gymnasium and cultural activities also exist in the Girls and Boys Hostels.

Qualified Physical Directors are been appointed to take care of day- to-day games and sports activities of the college.

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

We have separate Yoga Class room where students and faculty members do meditate and even practice yoga.

Students are very much encouraged to participate in the cultural events in inter and intra college technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

8

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

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

7.07

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The Central library have fully automated through Libman 1.1 (Own Software) for 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	View File
Paste link for additional information	https://alameen.ac.in/

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

1.52

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

4.2.4 - 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

25

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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 2017. 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 the 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 the 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 100Mbps

More than 300+ desktops are available in Labs, Digital Libraries, Staff Rooms, and so on.

The firewall at the entry point enforces security policies in terms of internet access

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
618	367

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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	View File
Paste link for additional information	https://alameen.ac.in/
List of facilities for e-content development (Data Template)	View File

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)**

50.17

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom, etc in the institute. The maintenance of physical, academic, and support facilities is carried out by the respective departments with the help of in-house staff daily and periodically. And care has been taken to keep the equipment, machine, etc in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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**

597

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

72

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://alameen.ac.in/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

105

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

**5.1.5 - The institution 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	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

102

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

5.2.2 - Number of outgoing students progressing to higher education

2

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

0

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

7

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

We at Al-Ameen Engineering college are firm believer that Overall development of students is achievable only when we give student a stage to express themselves in their areas of attention other than academic front.

Various Committes:

Planning and Evaluation Committee, Grievance Redressal Committee, Examination Committee, Admission Committee, Library Committee, Students Welfare Committee, Sexual Harassment Committee, Extra- Curricular & Co-curricular Committee, Academic Audit Committee, IQAC Meeting File, Discipline Committee, Career Guidance & Institution - Industry Cell, Women Development Cell, Media Cell, Anti - Ragging Committee, Hostel Committee

We have run various societies and clubs managed by Student's coordinator and overall coordination is done by respective faculty incharge.

Various Societies are namely:

Board of Studies Member

SAE Club

ISHAE student chapter

ISTE Chapter

IEEE Chapter

NSS

NCC

English Literature Club

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://alameen.ac.in/

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

9

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

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

We have presently 100 and plus Alumni enrolled in AEC Alumni Association from Civil, Computer Science and Engineering, Electronics and Communication, Electrical and Electronics, Mechanical Engineering courses. We conduct yearly once Alumni get together. Generally, Alumni Meet is organised once a year. Our present batch of students and faculty come together to organises a enormous welcome and interface session for AEC Alumni's. As a part of welcome ceremony different societies of KSRCE present their programmes in the form of drama, dance, conversation and represent how new students have taken up the accountability to become the face of AEC. After the welcome ceremony, college management and director interact with Alumni. Followed by some of the Alumni share their success stories and talk about the method required to take KSRCE to greater heights. All faculty members take part in the gathering to be glad about the growth and achievement of their students in the 21st century world and feel proud of the various positions achieved by their students in presumed organisations.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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 envisages 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.

Nature of Governance

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, Administrative Officer, Coordinators / Conveners of various cells and Committees.

IQAC of the institution plays a key role in the preparation of 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 plays a key role in framing various policies and strategies for proper academic, administrative and financial management of the Institution. Faculty members at all levels are nominated as members to the Governing Council, Academic Council and BoS.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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

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

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

Controller of Examinations 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.

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

Program Advisory Committee monitors the activities of the department and suggests ideas to reduce the curriculum gaps in achieving POs and PSOs

Board of Studies reviews and approves Programme structure, Curriculum & Syllabi designed to cater to the needs of students and stakeholders

Academic Council discusses and ratifies the institute level academic issues such as academic calendar, Curriculum and Syllabi, Assessment of internal marks, End semester result analysis, Admission, etc.,

Governing council discusses and approves all the Academic and Administrative activities of the college such as Result statistics of End Semester Examination, Finance committee meeting proceedings, Students intake/ admission, Faculty recruited/ relieved, etc.,

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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, stakeholder's feedback and its need to meet competitive environment among the institutions. The long-term strategic plan is revised once in five years and the short-term plans are revised once in a year. The long-term strategic plans envisioned in 2020-2025 are,

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

Case study on strategic perspective plan

Promotion of research and development is taken for the case study report

The institution has established a well-defined research policy to motivate faculty scholars and students to take up

research work in their desired career path and implemented through the Research Advisory Committee (RAC).

Roles and responsibility of the Research Advisory Committee (RAC)

The primary function of the RAC is to contribute towards encouraging, guiding and monitoring the research activities of the faculty members, research scholars and students in the college and executing sponsored research projects.

The objectives/Roles of RAC are to,

- Promote research among the staff
- Guide the research scholar to develop the study design and methodology
- Periodically review and assist in the progress of the research work.
- Provide guidance on writing research papers for publications
- Review the progress of the research work and provide suggestions
- Provide guidance in preparing proposal for funding agencies
- Check plagiarism

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.alameen.ac.in/
Upload any additional information	No File Uploaded

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.

To achieve the goals and objectives of quality education, the Institution has defined policies and procedures for administration, with constituted institutional bodies, of which the Governing Council is highly authoritative.

Administrative set-up

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

Academic Bodies

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

Other institutional bodies

The Institution has all essential Statutory Bodies / Committees with experienced members from all walks of life, to take decisions for execution through other non-statutory committees.

Appointment procedures

Faculty / Staff appointments are made based on the needs and as per the AICTE / UGC norms to maintain a better Student Faculty Ratio.

Service 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 in 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	https://www.alameen.ac.in/
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation: Administration
Finance and Accounts Student Admission
and Support Examination**

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

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

Health

- Faculty members and non-teaching staff avail medical facilities for both general and child health in the Bewell Hospital
- Yoga and meditation classes are conducted to enrich their mental and physical health
- Female staff and faculty can avail maternity leave for a period of six months

Avenues

- Faculty members are given free transportation facilities
- Faculty / staff also can avail hostel within the campus
- Providing infrastructural facilities for doing research and consultancy
- Faculty members and staff working hours are as per the norms; library staff members are working in shifts since the library is opening from 8.00 am to 8.00 pm
- Summer and Winter Vacations for faculty and staff members
- Faculty are provided computer system with internet facility

Wealth

- Faculty / staff can avail salary advance if any necessity arises
- The Institution is also facilitating its employees to avail loan from Provident Fund and gives reference to avail loan from the salary credited bank for their needy
- Faculty and staff can avail 25% fees concession for their children in the school and college run by the management.
- Seed money provided for faculties to encourage them to undertake research projects

Career development

- The Institution provides On Duty and financial support to faculty and supporting staff undergoing training programmes, attend seminars, symposia, conferences, workshops at national and international level.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

35

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

9

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

63

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

AEC follows all statutory requirements for audits and accounting practices. Internal audit is conducted by the financial committee of the institution. External audit is conducted once in every year by an external agency.

Process of the internal audit

All vouchers are audited by the financial committee on yearly basis. 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 accountant regularly as per the government rules. The Institution has appointed statutory external auditor to audit

the accounts once in a year.

Audit procedures

1. Sources of Income Verification

- Auditor cross verify the fee collections and scholarships with approved list of students and other incomes with the receipts issued to the students.
- Fee amount receivable and amount received are reconciled.
- The Received Grants are checked.

2. Expenses Vouching

- The payment of vouchers are audited by Internal Auditors (Recurring and Non-recurring) with relevant Invoices and Bills
- Calculation of depreciation of fixed assets
- Status of the old debit/ credit balances
- Salaries payment with the salary statements
- Checking of statutory dues payment like PF, TDS, and ESI
- Once all financial transactions are accounted, balance sheet, Income and expenditure statement for the financial year are prepared
- Based on the audited financial statements, auditor issues the Audit Report

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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)

5

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Finance committee

Financial Committee reviews the funding pattern, provides guidelines and strategies for mobilizing resources to support the implementation of the Institutions strategic plan, and the fulfilment of its Vision and Mission.

Fund mobilization

Broadly, major internal resource mobilization is in the form of Academic Receipts. The external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits to meet expenses.

Fund raising

It is obvious that each activity/ every person involved in fund raising activity on behalf of the Institution should obtain written permission from the Head of the Institution.

Fund allocation

During the budget preparation, all the academic, department heads and various cell in-charges are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, consumables, computing facilities, library, teaching-learning process, training, extension activities, software and etc.,

Fund utilization

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 laboratories equipment, etc.,

Optimal utilization of funds is ensured by

Allocating adequate funds for effective teaching-learning practices including conduct of FDPs, workshops, conferences, inter-disciplinary activities, and consistent up gradation of laboratories, R&D, library and sports facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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)

Example 1: INSTITUTIONALIZING QUALITY ENHANCEMENT INITIATIVES

The IQAC takes various initiatives to ensure incremental improvements of quality and its sustenance in all events of academic activities such as,

- Teaching Learning Process - Outcome based Education
- Innovative and Modern Technologies in TLP
- Faculty and Student skill development
- Research and Innovation
- Training and Placement
- Submission of AQAR to NAAC
- IIQA and SSR submission to NAAC
- NBA / NIRF Accreditation process
- Feedback analysis and Remedial measures
- Institutional Innovation Council

Example 2: TEACHING LEARNING PROCESS - OUTCOME BASED EDUCATION

Each course has outcomes which states the skills to be acquired by the students upon completion of the course namely the programme outcomes (POs) which are to be assessed at the end of the programme. The course outcomes (COs) are mapped to programme outcomes as they strongly contribute to the attainment of the POs. Direct and indirect assessments are carried out to measure the attainment of POs and COs. The continuous internal assessment and the semester-end examinations contribute to the direct assessment methodology. The attainment of course outcomes is recorded for each semester and necessary follow-up action is taken if any of the course outcomes is not attained. The programme outcomes are assessed and subsequently follow-up action is taken where required. To substantiate the attainment of COs and subsequently POs, the question papers of internal assessment tests and semester end examinations follow Blooms Taxonomy levels with emphasis on higher order thinking questions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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

INTERNAL AND EXTERNAL AUDIT SYTEM

The primary responsibility of the Internal Quality Assurance Cell involves regular reviews of the existing processes, analysis of feedback received from the students, faculty, parents and different stake holders for the developments of the Institution.

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 regular strategic overview of teaching learning process (TLP). The internal Academic Audit is conducted by IQAC and analyse for key performance Index. IQAC suggests corrective measures and actions are carried out.

The senior most faculties are assigned to conduct audit, faculty member is provided with a copy of academic audit form

for the purpose of auditing. Audit committee report is sent to concerned department Heads for the action to be taken. External Audit is conducted by a team of Professors from reputed Institutes.

INNOVATIVE AND MODERN TECHNOLOGIES IN TLP

Faculty employs Modern Technology tools for various academic activities; online classes through Google Meet and Microsoft Teams. Modern audio-visual tools are employed in lecture mode. Power-point presentations, internet resources and animation clips are displayed using LCD projectors during lecture delivery. The use of well-known online learning platforms like NPTEL, Courses, and Udemy are encouraged both for faculty and students. Google classroom platform is used to manage and post the course related study materials, assignments, quizzes and evaluations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.alameen.ac.in/

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	https://www.alameen.ac.in/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Safety and security

Hi-Tech Surveillance system:

E- Surveillance with high resolution cameras through day and night facility of distributed recording in control room has been set up in the campus, entry of unwanted element is monitored through these cameras.

*Hostels:

Separate hostels for boys and girl students exist in and off the campus respectively. Behavior of students is monitored under set of well defined rule under the guidance of wardens.

*Security personnel:

The Institution has strong security personnel deployed all around the campus to create secure enrolment

*Medical Facilities:

Health centre with One doctor and Nursing staff is available in the campus to provide medical care to the students, Specialists are for also invited to visit the campus as and when necessary ,nursing and other staff is available 24 hours

with emergency medicine and ambulance .

•Counseling:

The Institution has a system of mentoring in each PG Department for inculcating social, Moral and ethical values .Women cell also create gender awareness through different program. All senior officials are available both for boys and girls for solving their problem any time without any appointment.

Common Rest Room:

In each block of the Institution separate washroom are available for girls and boys. 24 hour's water is available with proper ventilation in the washroom. Separate girl's common room is created with facilities like indoor games, first aid box and newspapers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.alameen.ac.in/

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	View File
Any other relevant information	No File Uploaded

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

The constructional wastes are collected and filled in lower-lying areas of our institution to tackle rainwater storage in those areas. Inside the campus, the waste collection method is streamlined in the way that the wastes are separated as

degradable waste and non-degradable waste at the source and usable points. The classified wastes are sent to the respective disposable and recyclable points on a daily basis. E-waste from our institution is collected and dumped in a room called an E-waste cell. Then it will be disposed to recycling once a year based.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 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
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

<p>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,</p>	A. Any 4 or all of the above
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etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

Al-Ameen Engineering College is undertaking various initiatives in the form of celebration of days of eminent personalities National Festivals, NSS, YRC and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. The subject Constitution of India and professional ethics is made mandatory to all UG students across disciplines. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journey. Two important national festivals, Republic Day and Independent Day are celebrated every year in our college. All teaching, non-teaching staff and students participate for the cause of nation. The inspiring speeches are conducted.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extra-curricular activities. The college curriculum is framed with courses like Introduction to Constitution of India, Professional Ethics, Value Education, Philosophy of Human Rights and Applied Philosophy as a small step to inculcate constitutional obligations among the students. The department of Economics also framed a certificate course on Legislative Assembly. The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

Fundamental Duties and Rights of Indian Citizens: The students have enthusiastically participated in various activities like seminar, conferences, expert talks, poster making competition, competition on various contemporary legal issues. Legal awareness camps to impart awareness of such issues etc.

Constitutional Obligations: The Faculty celebrates the Constitution Day on an annual basis and thus contributes to the spreading of Constitutional values and ideals amongst students.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and

A. All of the above

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

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

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

Best Practice- I:

ACTIVE PRACTICES TO IMPROVE THE STUDENT QUALITY

Goal

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

- Active learning
- Branding them self

- Communicating in professional way
- Developing their own values
- Enhancing the leadership Quality
- Formulating and preparing the life skills

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

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

Best Practice- I:

ACTIVE PRACTICES TO IMPROVE THE STUDENT QUALITY

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

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

Best Practice-II**STUDENT-MENTOR RELATIONSHIP**

The purpose of this practice is to ensure openness among the mentor and students towards improving overall personality. This relationship ensures better understanding of the students and to lend support to overcome their problems with the guidance of mentors. Each student can share and discuss about their personal problem which helps to build a good rapport with the students. This rapport helps the facilitator and the student to succeed. A mentor is assigned to each class at the maximum of 1:15 ratio wherein he does the work of a friend and a philosopher.

File Description	Documents
Best practices in the Institutional website	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/viewer.html?pdfurl=https%3A%2F%2Fwww.alameen.ac.in%2Fimages%2F2019%2FBest-Practices-of-the-institution.pdf&clen=106032&chunk=true
Any other relevant information	Nil

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)

An Atmosphere that facilitates personal commitment to the educational success of students in an environment that values multiplicity and society.

The Institution is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal, Controller of Examinations, Deans, HODs, senior faculty members prepares the academic calendar well in advance before the commencement of the semester. The faculty members before the commencement of semester prepares the lesson plan, and make it available to the students.

So many efforts are being made for the past few years to change the Teaching - Learning environment into activity

based learning. Following are the methods adopted to transform the academic environment:

- Changing the teaching methodology by encouraging the faculty to use power point presentation where ever required.
- Extensive use of online - content and other Video lectures to support the Class - room teaching.
- Students are encouraged to present poster and oral paper presentations. Counseling system:
- Every Faculty member is allotted 15-20 students to whom one acts as a Mentor. The Mentor identifies the academic and personal problems of his/her ward.
- The wards are encouraged to participate both in curricular and extra- curricular activities.

Feedback System -

- Students give feedback about the faculty at the mid of each semester.
- Feedback is taken from the parents of the wards.
- Feedback is also taken from alumni

File Description	Documents
Appropriate link in the institutional website	https://www.alameen.ac.in/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Improving the supporting staff Quality by making them to participate in the skill development programs.
2. Improving the placement opportunities and number of placement by improving the Technical skills of the students.
3. Through the awareness session and training, increasing the number of students appear for the GATE, GRE and TOEFL examinations.
4. To introduce certificate programs/self-learning courses and study abroad programs.
- 5.To motivate faculty to enrol/complete doctoral programmes;

obtain research guideship; and submit the research proposals to funding agencies.

6. To motivate faculty and students to participate in extension activities with Government Organisations and Non-Government Organisations.