



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

**NIZARA EDUCATIONAL CAMPUS MUTHAPUDUPET AVADI I.A.F.,
600055
www.aalimec.ac.in**

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Aalim Muhammed Salegh College of Engineering, Established in the year 2000, the college remains beacon of hope and inspiration for the learners. It is fully aware of the current scenario and does recognize the huge role that engineers have to play in shaping the society.

Our academic programmes and streams reflect our belief. They are carefully packaged in such a way as to prepare young engineers for the present needs and future demands.

Each branch of study at the Aalim Muhammed Salegh College of Engineering has the state-of-the art infrastructure and experienced members of faculty and technical staff who provide the learners with the best learning experience both at the Graduate and Postgraduate levels. As the curricula are periodically updated as per the Anna University. They remain robust and are in sync with the latest industry standards. Learners thus get the required exposure through sound theories and practical knowledge. College is approved by All India Council for Technical Education (AICTE), Government of India, and is affiliated to Anna University.

The College with its singular focus on Industry-Academia interface enables our young graduates to translate their learning into application and knowledge resources. The college also encourages extra-curricular activities. The learners have easy access to in-house facilities including well-stocked Central Library, Labs equipped with cutting-edge technological resources, transport facilities, student accommodation, placement services, recreation facilities, etc.

We provide a vibrant atmosphere, conducive for learning and creativity, and are proud to state that we help the learners grow socially conscious and professionally complete in the knowledge driven economy.

Vision

We envisage a global village wherein the students of Aalim Muhammed Salegh College of Engineering are the torch bearers of technological and management revolution by striving for professional excellence.

Mission

- To contribute to the growth of engineering and management profession by maintaining the highest ethical and professional standards.
- To serve the community for its enrichment and advancement.
- To equip the students to face challenges in life with self confidence and to promote altruism.
- To attain the aforesaid vision we, the management, faculty and staff at Aalim Muhammed Salegh College of Engineering shall discharge our duties and obligations.

Students – our assets

Profession – our means.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

College is having adequately Qualified and Experienced faculty members who are dedicated for the academic advancement of the students. Und and minority girl students particularly rural back ground Academic administration of the college is gifted to have a reciprocative and responsible Management who believes in decentralization of managerial powers which facilitates faster decisions with transpanency. This philosophy of the Management encourages theFaculty Members to volunteer for participation in the day to day administration of the college. The management is very magnanimous in their thoughts and deeds.

Institutional Weakness

Present generation of the students in general rural students in particular, the I.Q. level is falling due to multiple societal and behavioural distractions having a direct impact on intellectual compatability of becoming an Engineer, is at stake. To overcome this phenomenon, the faculty members are consistently putting their efforts in developing varied tools of teaching. Creamy layer of the students are not opting our college for being far away from the city limits and falls in the rural segment.

Institutional Opportunity

Student Community of this college are gifted to have an access, all times, with the Faculty Members who are seasoned and participative, this encourages the students to associate with the teachers for maximum time which put the student in advantageous position for learning. The laboratories and workshops are provisioned with Quality based projects oriented machines and Tools inconsonance of curricula of affiliated university from time to time.Accordingly, the possibilities of transforming the potential capabilities of students to achive employability in reputed organizations and government sector.

Institutional Challenge

To Attract students and to enhance the student Enrolment. The academic standard of the students which is continuously detoriating with the advent of smart phones, and social networks despite this our teachers have developed innovative tools of learning and teaching, which is a continuous effort.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college is affiliated to the Anna University, Chennai. The college is a self-financing institution and follows the curriculum provided by the University. The Criteria highlights the Vision, Mission statement as well as the quality policy and objective implemented at the level of the institute to provide the aspiring Engineering

students with quality technical education at UG. Academic flexibility and bridging the gap between curriculum and industry is achieved through leading Industrial Courses, Seminars and Tie-ups through MOUs. By conducting Entrepreneurship Development Programs, the college encourages self-employability. The college provides remedial classes with additional inputs to the needs of slow learners. Students are inculcated with social awareness and community service through various NSS activities. The University curriculum has been transformed into OUTCOME BASED EDUCATION by the College. Implementation and monitoring processes of the curriculum are being developed and the process is documented. In all six undergraduates and one postgraduate programmes offered by the college, the curriculum incorporated the CBCS & offered electives. The college conducts feedback on curriculum and teaching learning processes on a regular basis. Feedback Reports are taken for corrective action.

Teaching-learning and Evaluation

The Teaching-learning process is given utmost importance in the institute as it is a deciding factor on the student's career. In our institute excellence in teaching and learning is achieved by recruiting good competent teaching faculty. The faculties provide a highly conducive Teaching-learning environment that includes traditional teaching, assignments, workshops, technical seminars, industry visits and group projects. Faculties plan strategies to reduce the gap in knowledge and skills. Students are also trained to use online resources to supplement the classroom learning. Weekly syllabus completion status is maintained. The Syllabus is completed according to the Lesson Plan Prepared by the Course faculty before the commencement of every semester and it is monitored weekly by Head of the Department and Principal. A feedback mechanism for the faculty by the students facilitates in effective conduction of the teaching learning process. This feedback mechanism is used to further improve that the teaching-learning process.

Daily Practice Test is conducted every first hour in week days to improve the Academic Performance of the students. Three Internal Assessments and one Model Examination are conducted for each theory course. The students are informed about the portions and exam schedule well in advance. The Course Faculty evaluate Answer Scripts and the answers will be discussed in the classroom while distributing the evaluated Answer Scripts to the students and also clarify doubts, if any. Remedial classes are conducted to improve the academic performance of slow learners. The mentor-mentee system also helps to achieve the desired learning outcomes. Extension activities, internships, and in plant training ensure experiential learning for students. Library at the college is well equipped with books, journals and e-resources necessary for teaching, learning and research. The student's learning outcomes and performance in the semester exams are reviewed by Head of the Department and Principal to assess academic progress of the institute.

Research, Innovations and Extension

- Research and Development Cell organizes programs to impart the importance of R&D to Faculty Members and Students.
- The institution has arranged a number of Industrial Visits, In-plant training and internships for students to various related industries.
- The institution organizes online webinars, workshops, seminars, Guest lectures and conferences.
- Motivating the Faculty Members and Students for Higher Education.
- Encouraging the Faculty Members for Research Doctoral Programmes.
- Encouraging the Faculty Members to enhance research paper publications in indexed and impact factor journals.

- Promoting Memorandum of Understanding with industries and R&D organizations for consultancy work, collaborative research, sponsored projects, industry institute interactions etc.
- Creating brainstorming sessions through Interactions by eminent personalities from Industry, R&D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.
- Motivate and encourage students' participation in competitions and exhibitions conducted by Anna University, NIT'S, IIT'S and Institution of Engineering and Technology (IET), Society of Automobile Engineering(SAE), Pan IIT Alumni Leadership series (PALS), HACKATHON.
- Chief Minister of Tamil Nadu, had invited to our students to his office and extended appreciations towards their Innovative Research work on the topic 'Smart solar rail track fault detection system' which won first runner up place in Grand finale of Hackathon 2018, Coimbatore with a cash prize of Rs.75000.
- Our college student has won first prize of Rs.1.0 lakh in International Robotics Competition in the year 2017.
- Received Research Fund from Tamil Nadu State Council for Science and Technology, Chennai of projects work and a seminar.
- Received Travel Grant of Rs. 95,000/- from DST, New Delhi to participate in International Conferences held in foreign countries.
- The institution also provides support to bring out the talents of students. Our students have set Guinness World Records in college campus.
- Entrepreneurship Development Cell (EDC) conducts program in entrepreneurship with concrete initiatives to promote entrepreneurship enabling skills amongst the students.
- Industry oriented training programmes and certificate courses are conducted for the students to make them industry ready professionals.
- College periodically conducts Science & Engineering expositions on our campus for school children for progress of Engineering and Technology.

Infrastructure and Learning Resources

Infrastructure and learning resources play a vital role in effective and live functioning of any Institution. In order to accomplish the needs of the above, the college is putting all efforts to meet the expectations of the stakeholders. The college is equipped with modernized Laboratories, Classrooms, Seminar halls, Smart class rooms, Tutorial class rooms, Auditorium and Discussion rooms. Library is equipped with Inspro plus Automated Book Repository Administration System which permits the administrator to insert, update, delete and view the details such as book, member, author, subject, department, supplier/publisher reports in the cataloguing module. Library has collection of various Text books, Reference books, Journals, Encyclopedias, Dictionaries, Magazines and Newspapers. Institute has subscribed to e-journal packages such as IEI, IETE and DELNET. Library has a dedicated reference section and reading room. The College is a member of National Digital Library of India. Wi-Fi provision is existcampus. A Separate R&D cell is available in the college to discuss about the latest development in the Science and Technology and to implement the projects for the students. Installation of Solar power panel plant with a capacity of 20 KW is in progress. The Institution also provides 50 Mbps Internet connection to all the information systems on the campus, well-equipped 24x7 Internet facilities are available in the campus. A dedicated maintenance team along with maintenance Engineer is in action for the purpose of maintenance and keep the Infrastructural facilities in the college to optimum utility. The college is connected with HT power supply and three Standby power generators ranging 280 kVA, 150 kVA and 125 kVA are in service to ensure uninterrupted power and computers are connected with UPS of sufficient capacities.

Student Support and Progression

Aalim Muhammed Salegh College of Engineering supports the meritorious students by waiving off tuition fees partially or fully based on their marks scored in the Higher Secondary Examinations. Apart from our college, Government scholarship schemes such as SC/ST, BC/MBC, First Graduate scholarship schemes are available to benefit the students in terms of their financial aspects who are economically backward. Non-government scholarship schemes such as Sitaram Jindal Foundation, Bangalore, KH Exports India Private Limited, and Tamilnadu Congress Committee Charitable Trust are also helping the meritorious students. We provide the soft skill training for our students through external agencies and from our Faculty Members to meet the requirements and challenges being posed by the current industries trends. We have been doing career and personal counseling to our students from study, career and social responsibility point of view with high moral values and ethics. Our students are taken care with extra efforts to make them pass in the subjects of University examinations wherein they need extra inputs. Students are put under hands-on training through internships, seminars, and workshops for gaining knowledge in different fields to meet the current industry requirements. M/s Michelin India Private Limited, M/s Vinzas Solutions India Private Limited, BSNL and many who provided hands-on training to our students. Our students are placed in various Multi National Companies (MNC) such as Infosys, Wipro, TCS, and CTS through on campus interview and off campus interviews which are being regularly conducted by Anna University at its affiliated colleges as a centre for recruitment processes. Our students are attending NPTEL courses in their respective disciplines and they are clearing NPTEL online examinations for the various subjects of their interest. We encourage our students to participate in extra curricular activities such as sports, cultural and NSS. Our students won first, second and third prizes in many zonal sports competitions. Alumni are supporting for the betterment of our esteemed institution through guest lectures, internships, seminars and workshops and project works. Our alumni have been providing a good and regular financial and non-financial contribution to our college.

Governance, Leadership and Management

The Governance is through strategic planning made by the Academic Council. Discussions are held in the periodical meetings of IQAC and Academic council meetings on the implementation of directions given by the Principal. To ensure uniform and smooth implementation of the initiatives, regular HoDs meetings and Department level Faculty members meeting are conducted.

We have decentralized and participative management to perform all the activities which are effectively carried out by teams and committees set up for the respective task. We follow a procedure financial management system and have a well defined organization structure which describes the roles, authorities and responsibilities of each individual. Right from admission, the student profile details, their fees details, academic performance, attendance etc are easily updated and maintained in the ERP namely INSPRO PLUS 6.1.

The software also has provision to maintain data of staff and hostel students. The college has a variety of welfare measures for teaching and non-teaching staff like PF, Medical Leave, Group Health Insurance, Free Transport, Soft loans for family emergencies etc.

Faculty members are provided financial assistance to participate in workshops, conferences and also to acquire additional certifications.

Faculty members are sponsored to attend FDPs, seminars, etc., and also encourage to pursue higher studies.

The College has a performance appraisal system for its employees, to measure and motivate their contributions and talents.

IQAC is actively involved in the day to day functioning of the college and has introduced several initiatives which lead to incremental quality enhancement in various spheres including academics.

Institutional Values and Best Practices

Aalim Muhammed Salegh College of Engineering has vision to empower the Institutional Values, and its social aspects with regular social values oriented activities have drawn attention of various communities of Tamil Nadu and an optimal number of gender equity programs were conducted.

Gender sensitivity facilities has major asset to our institution. Different committee have been constituted and monitored through our IQAC. The optimal number of events and Workshops conducted.

The security and safety measures through separate two and four wheelers parking, First Aid box, and fire extinguishers.

The eco-friendly campus with solar panel unit, use of bicycles and LED lights for energy requirement.

Waste Management measures through solid waste management plan & execution, the liquid waste manage via sewage management plan and execution and e-waste management has initiated. Incinerators available in women's toilets for safe disposal of Sanitary napkins.

The Rain Water Harvesting System fixed in all buildings.

Green initiatives through plantation of saplings by NSS volunteers, green landscaping, The differently-abled provision includes lift, Ramp, Braille facility for job search.

Information on website for Campus Rules, Curriculum syllabi and campus core values and the counseling are the success part of academic requirements.

Programs conducted for promotion of universal and national values, human values, national integration, communal harmony and social cohesion.

The college celebrates National Engineer's Day every year on September 15, to mark of birth anniversary of Mokshagundam Visvesvaraya and birthday of Dr.S.Radhakrishnan as teachers day, Ghandhi Jayanthi and Constitution day every year.

Financial transparency through payment options for fee and fees structure slip of students made online. Salary bank-in and salary slip is given to each staff members are transparent.

Academic Transparency practiced by means of Rules and regulations form is given to the students on induction day to ensure complete transparency and functioning is monitored by Academic Auditing Committee members.

Administrative transparency is achieved via formal procedures as per AICTE norms.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
Address	NIZARA EDUCATIONAL CAMPUS MUTHAPUDUPET AVADI I.A.F.,
City	CHENNAI
State	Tamil Nadu
Pin	600055
Website	www.aalimec.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	MOHD F SHABIR	044-26842627	9790713448	044-	mohd.shabir@aalimec.ac.in
Principal	AFZAL ALI BAIG M	044-26842086	9444765128	044-26842456	principal@aalimec.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	Yes 2. Minority Status.pdf
If Yes, Specify minority status	
Religious	MUSLIM
Linguistic	
Any Other	

Establishment Details				
Date of establishment of the college	01-01-2000			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Tamil Nadu	Anna University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2018	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes autonomydoc_1556344362.pdf
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Best Engineering College Award from Asia Education Summit by MHRD
Date of recognition	27-06-2005

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	NIZARA EDUCATIONAL CAMPUS MUTHAPUDUPET AVADI I.A.F.,	Rural	10.88	35790

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering	48	HSC OR EQUIVALENT	English	120	63
UG	BE,Civil Engineering	48	HSC OR EQUIVALENT	English	60	21
UG	BE,Electrical And Electronics Engineering	48	HSC OR EQUIVALENT	English	60	24
UG	BE,Electronics And Communication Engineering	48	HSC OR EQUIVALENT	English	120	30
UG	BE,Mechanical Engineering	48	HSC OR EQUIVALENT	English	120	59
UG	BTech,Information And Technology	48	HSC OR EQUIVALENT	English	60	15
PG	MCA,Computer Application	36	BSC BCA BCOM	English	60	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	10				20				114			
Recruited	7	0	0	7	5	0	0	5	70	44	0	114
Yet to Recruit	3				15				0			
Sanctioned by the Management/Society or Other Authorized Bodies	10				20				114			
Recruited	7	0	0	7	5	0	0	5	70	44	0	114
Yet to Recruit	3				15				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				154
Recruited	117	37	0	154
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				154
Recruited	117	37	0	154
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				28
Recruited	27	1	0	28
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				28
Recruited	27	1	0	28
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	0	0	5	0	0	1	0	0	11
M.Phil.	0	0	0	0	0	0	6	13	0	19
PG	2	0	0	0	0	0	63	31	0	96

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	1	1	0	2

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	189	2	0	0	191
	Female	22	0	0	0	22
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	4	5	11	19
	Female	0	3	4	5
	Others	0	0	0	0
ST	Male	0	0	0	1
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	184	292	316	365
	Female	21	33	43	73
	Others	0	0	0	0
General	Male	3	13	15	4
	Female	1	4	4	2
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		213	350	393	469

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 866

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	7	7	7	7

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1677	1827	1994	2022	2069
File Description	Document			
Institutional Data in Prescribed Format	View Document			

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
474	482	475	472	491
File Description	Document			
Institutional data in prescribed format	View Document			

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
309	407	423	356	356

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
154	159	152	152	145

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
156	156	150	144	138

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 68

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
840.9	984.6	816.32	764.3	693.3

Number of computers

Response: 590

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Aalim Muhammed Salegh College of Engineering is affiliated to Anna University and follows the Curriculum and syllabi prescribed by Anna University. In addition to this prescribed Curriculum, the College has strategized ways and means of strengthening the process of Teaching and Learning in the following ways:

- The formulation of objective driven teaching plan is prepared in the beginning of every semester.
- The academic calendar is planned and implemented with consonance to affiliated Anna University Academic schedule.
- Subject allocation for each semester to the Faculty Member is based on Competency Matrix, Experience, Area of specialization and Performance in previous years.
- The Time table is prepared for the entire semester with provisions for Value Added Programs, Library hours and Seminars.
- The subject course handled by every Faculty Member prepares a Lesson Plan, Notes of lesson, Question Bank and Laboratory Manuals for their subject course in line with the university syllabus.
- Faculty Members are update with knowledge in the subjects listed in the curriculum by attending the Faculty Development Programmes.
- All the Faculty Members maintains the course file for the subjects handled which contain the documents such as Syllabus, Lesson Plan, Notes of lesson, Internal Question papers, Answer Keys, Answer Scripts etc., necessary for the implementation of the action plan.
- In every semester for theory subjects - Daily Practice Test, Internal Assessment Test and Model Examinations are conducted before commencement of University Examinations.
- Class committee meeting is conducted for three times in a semester to monitor the progress of theory and laboratory courses with lesson plans.
- Systematic examination process, standard question paper, proper and prompt evaluation and dispatching of reports to parents.
- Based on their Test performance and Classroom interactions, Slow learners are identified and provided extra support to them through additional input by conducting evening special classes.
- Each Faculty Member is assigned a group of students for mentoring to improve the students on academic as well as personal issues for a better learning atmosphere.
- Guest lectures, Seminars, Workshops and Symposiums were conducted by respective Departments through Students Chapters to supplement the curricular inputs.
- Industrial visits are arranged by respective Departments to provide real time exposure to the students.
- Access to the Digital library provided with E-Books and E-Journals.
- Laboratories are well equipped and periodically updated to enable the students to gain knowledge

on the theory with the curriculum.

- College provides access to teaching aid for effective curriculum delivery such as LCD Projectors, Smart Classroom and NPTEL, Lecture Capturing System(LCS).
- Promoting departmental research activities and enriching the potential of faculties to guide student projects by attending various research lectures given by eminent professionals.
- All the Lateral Entry Students are provided with Bridge courses to understand basic concept of Mathematics and Engineering in different disciplines, as they come from assorted pre requisite eligibility criteria.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 87

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
30	12	19	16	10

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 72.18

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
25	17	13	20	35

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years Response: 17.67	
1.2.1.1 How many new courses are introduced within the last five years Response: 153	
File Description	Document
Details of the new courses introduced	View Document
Any additional information	View Document
1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented Response: 100	
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented. Response: 7	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document
1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years Response: 41.13	
1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years	

2017-18	2016-17	2015-16	2014-15	2013-14
631	965	635	1166	532

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

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

Response:

The Institution is adopting Anna University curriculum. Also the institution creates awareness among the students community by conducting various programs in which the resource persons have been invited to deliver lectures, workshops on cross cutting issues. The cross cutting issues like gender, environment education, human sustainability values and professional environment ethics are included into the curriculum by organizing seminars, workshops.

Discussions for the issues:

Gender Equity:

Equal opportunities are given to both the genders in terms of admission, Training Programmes, Sports Activities, Employment, Counseling etc. International women's day is celebrated and girls are encouraged to participate in various events conducted for them. It has given opportunities to both boys and girls student to prove their talents in various Co-Curricular and Extracurricular activities such as Paper Presentation, Technical Quiz, Workshop and various Non Technical Events. A separate Women's prayer hall is provided which can accommodate 150 persons at the Ground floor of PG Block.

Year	Title of the Programme	Date
2018-2019	Women's Day	08.03.2019
2018-2019	Importance of Women empowerment in education	06.12.2018
2018-2019	Workshop on towards achieving the Goals	20.12.2018
2016-2017	Workshop on personality Development and Grooming	04.08.2017
2015-2016	Women's Day	08.03.2016
2013-2014	Women's Day	07.03.2014

Human Values and Sustainability

- The curriculum includes course on Professional Ethics and Human Rights.
- As per Anna University norms an Anti-Ragging Committee has been formed to hold the issues pertaining to ragging in college campus having ZERO Incidents. In addition to that the online undertaking from the parents and students are taken during the college admissions process which is related to the Anti-Ragging Act and creating the Ragging Free Campus. Anti-Ragging Banners and Anti-Ragging Toll Free Mobile Number is displayed in all Department Notice Boards. As a result till there is no case of ragging is noticed.
- Blood Donation is encouraged by the Institution and is arranged frequently to help the needy, Patients at various City Hospitals on request.

Professional Environment Ethics

- As per Anna University norms students have a compulsory course on Environmental Sciences and Engineering.
- Students are also encouraged to participate in the Environmental activities like Planting Trees, Plastic Eradication Awareness Campaign, Flood Relief Activities, Rejuvenating Water Body, School Welfare Activities etc.,
- The Institute has Rain Water Harvesting in all buildings, which helps to recoup the nearby Water Body and improve ground water level.
- The Institute has Reverse Osmosis Water Plant for drinking water needs of all the students, teachers, supporting staff and the visitors.
- Awareness programmes are also initiated by the **NSS Cell**, **Swachh Bharat Club** and **Unnat Bharat Abhiyan Club** which extensively carry out activities for environment protection and ecological preservation.
- CCTV Awareness Rally was organized and it initiates the people to know the importance of CCTV installation, in the streets of sub-urban localities.

The lists of courses addressing Professional Ethics and Environmental Values are:

- Environmental Science and Engineering.
- Water resources and Irrigation Engineering
- Ground Water Engineering
- Renewable Sources of Energy
- Environmental Impact Assessment
- Industrial waste Management
- Air Pollution Management
- Municipal Solid Waste Management
- Earthquake Geotechnical Engineering
- Professional Ethics in Engineering

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years**Response:** 23**1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years****Response:** 23

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships**Response:** 26.71**1.3.3.1 Number of students undertaking field projects or internships****Response:** 448

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System**1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise****A.**Any 4 of the above**B.**Any 3 of the above**C.** Any 2 of the above**D.** Any 1 of the above**Response:** A.Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

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

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.54

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
17	14	7	7	5

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 65.93

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
316	336	431	424	471

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
600	600	600	600	600

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per

applicable reservation policy during the last five years**Response:** 67.27

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
307	321	126	402	458

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity**2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:**

- The institute has a sanctioned intake of 600 students and students from various backgrounds join the institute.
- Being minority institution 50% of admissions are done through TNEA (Tamilnadu Engineering Admission) by single window system of ANNA UNIVERSITY (AU). The remaining 50% of students are selected on merit basis through consortium of Private Professional Engineering College under the direction of Government of Tamil Nadu.
- Bringing such a population to one platform calls for the need of an orientation Programme that focuses on making them familiar with all components such as class rooms, tutorial rooms, laboratories, departments and institute's guidelines. The institute conducts a two day orientation Programme to address this need.
- In addition to these topics that are addressed during the orientation Programme, an Induction Programme on soft skills development such as presentation skills, developing mind concentration and time management, positive attitude and self-motivation, is also conducted to improve their confidence levels and promote simplicity.
- The course also includes communication skills, English and to bridge the gap among the students coming from rural, urban and from other states, country etc. The Institute offers Bridge Courses, Remedial Coaching for the benefit of the slow learners.
- Bridge Courses: The Institute offers one week bridge courses in order to strengthen knowledge of basic concepts in Engineering Subjects. This Programme is offered at the commencement of each academic year.
- Daily practice test (DPT) is conducted for all the students for better improvement of writing skills

and analytical skills.

- For Advanced Learners, the college encourages them to appear for GATE Examinations, NPTEL Examinations and to participate in Seminars, Workshops and Symposium.

Remedial Coaching:

- Based on the internal marks and the performance of students in the Assignments, and Daily practice test (DPT) students are selected for Remedial Coaching. The Remedial sessions are scheduled preferably in after institute hours extra night coaching classes for hostel students.
- Strategies adopted for facilitating Slow Learners for every 30 students, 5~8 are usually found to be slow learners. The faculty counselor assesses the nature of their problem and recorded in success book. Students with psychological / emotional problems are then motivated in a friendly way to reach their academic goals.
- Remedial classes are organized to clarify doubts, re-explaining of critical topics for improving performance. Poor performance due to frequent absenteeism is dealt by sending SMS and registered letters to the parents of such students. Appropriate counseling with additional teaching, eventually helps to attend classes regularly.
- All the staff members maintain good rapport with students and deal with their problems in a gentle manner. Each class is divided into batches and separate tutorial classes are conducted to all students for all branches. Generally, one teacher is assigned for each batch. To solve problems related to the Students understanding the subjects in their chosen domain which enables
 - To give better counseling for slow learners
 - To give better ideas for advanced students
 - To give ideas and guide in quality of projects
 - Improved placements and opting for higher studies.

File Description	Document
Any additional information	View Document

2.2.2 Student - Full time teacher ratio

Response: 10.89

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls	
File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document
Any additional information	View Document

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

Response:

In addition to traditional teaching-learning methods, the institution is providing range of innovative methods for enriching the learning experience. The methodologies include illustration and special lectures, field study, case-studies, project-based-methods, experimental methods, Internship, Group Discussion and Debates. The facilities arranged by the institute are listed below.

Lecture method:

This conventional method is commonly adopted by all the teachers. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. At the end of instruction of each unit, the students are given with specific assignment which enriches their learning.

Information and Communication Technology (ICT) Enabled Teaching:

ICT enabled teaching methods have been made available in the institute. The Teaching-Learning Process is supported with Regular Practical Sessions, access of Digital Library, EDUSAT, Online Courses, Soft Skills Training Programme (SSTP), PALS (Pan IIT Leadership Series), NPTEL, access of online journals, Conducting Online tests, Use of LCD projectors for seminars and workshops, productive use of educational videos and accessibility of non-print material for students of Computer studies. Communication skills training facility make the students to acquire proficiency in listening, speaking, reading and writing.

Case Study Analysis and Discussion:

The case study method is a participatory, discussion based way of learning where students gain skills in

critical thinking, communication, and group dynamics. Appropriate integration of case studies in chosen subjects is arranged by all departments. Project-based Learning: Project work is mandatory for all the courses offered at the institute. The period of implementation spans from one to two semesters. The effective phases of survey, case study, implementation, testing and report writing ensure the required project-based learning among the students. Some subjects are augmented with learning through implementation of mini-projects.

Experiential Learning:

The faculty members foster learning environment by engaging in rich experiential content of teaching through experimentation, Industrial demonstration, visual aids, periodical industrial visits, organizing exhibitions as well as presenting papers. Student Seminar: The Student seminars are mandatory in all programs offered at the institute. Usually, students present seminar on contemporary topics as well as state-of-the-art technologies.

File Description	Document
Any additional information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 154

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 10.89

2.3.3.1 Number of mentors

Response: 154

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

- Though the curriculum is designed and revised by the Anna University (AU), Chennai but for effective curriculum delivery through innovative methods, our faculty uses E-learning materials such as NPTEL Lectures, ICT enabled teaching, LCD & OHP Presentations, conduct webinars, use Models, Charts and also encourages the students to participate in Group Discussions, role plays learning objects, models and project presentations organized under various professional societies/chapters.
- Most of our class rooms, Laboratories seminar halls and auditorium are equipped with Wi-Fi, LCD projectors and multimedia arrangements. The Institution mainly focuses on making students original thinkers. The faculty members encourage students in building scientific and technical capabilities by conducting practical sessions and providing hands on experience in laboratories.
- To enrich their critical thinking, students are made to watch TED videos, participate in group discussion, debates, seminars and also are encouraged in organizing technical symposiums, which help them to think and explore new ideas and they get a chance to know their performance in the form of feedback from the experts and eminent professionals in their respective area of study. These types of activities help students to think on their own.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality**2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years****Response:** 102.52

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years**Response:** 7.44**2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
14	15	9	11	8

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 7.31

2.4.3.1 Total experience of full-time teachers

Response: 1125.49

File Description	Document
Any additional information	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 9.84

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	3	0	0	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 4.06**2.4.5.1 Number of full time teachers from other states year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	8	8	5

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms**2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level****Response:**

- Based on the Academic calendar, the Institute conducts Daily Practice test (DPT), three Internal Assessment Examinations and one Model Examination to evaluate the students.
- Each department has separate centralized exam cell to conduct these examinations. The exam cell is headed by exam cell coordinator supported by Head of the department, to take care of all activities.
- The Exam cell prepares exam schedule, the staff duty list, seating plan, etc.
- Faculty members prepare 2 sets of question papers as per the format given by the exam cell, from time to time. Out of these two sets of question paper any one set is selected by the exam cell coordinator, randomly.
- Once the exams are over answer scripts are evaluated in the exam cell by the concern faculty members within 2 days of completion of examination.
- Evaluated answer scripts are given to the students for verification and total checking. While distributing the evaluated answer scripts, the answer key/ scheme of evaluation is discussed in the class. Students are given a fair chance to appeal on any discrepancy in the valuation. Students are awarded additional/missing marks (if any) if the appeal is valid.
- The assessment marks are entered in the logbook of concerned subjects and also in the centralized software (ERP) called PALPAP so that any time it can be viewed by the faculty/Hod/ Principal.
- Daily Practice test is conducted during the first hour of weekdays and question paper is prepared for 20 marks, which aims in providing practice to the student,
- At present, there are three Internal Assessment tests, each carry 50 marks with the duration of 90 minutes and one model exam carry 100 marks with the duration of three hours.
- On realizing the need to secure maximum marks in part A in the University examination, 2 marks tests were introduced during academic year 2017-18. They carry 50 marks with the duration of 90 minutes.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The students are well informed during the orientation programme itself regarding the university norms for the award of internal assessment marks as well as the rules and regulations pertaining to the internal assessment tests and university examination.

As per the COE (Controller of examination, Anna University) notifications, Academic activity plan and Internal Assessment Examination Schedule is prepared. Based on the Academic Calendar, the Internal Assessment Examination (IAE) will be conducted at regular intervals of time. The timetable for the Assessment test will be prepared by the Department Exam cell and displayed in the Department Notice Board and also circulated to students.

The college conducts three IAE and one Model Exam. IAE will be conducted for 50 marks with duration of 90 minutes and Model Exam will be conducted for 100 marks with duration of 3 hours. The institute also conducts **Daily Practice test (DPT)** every first hour during weekdays for 20 marks with duration of 50 minutes. The DPT marks will be informed to the students on the same day and for slow learners Special Evening Classes will be conducted to improve their Performance.

The evaluated answer sheets will be issued to students in class room. The student can approach the teachers in case they need a clarification on the award of marks based on the scheme of valuation discussed in the class. The mark list for Internal Assessment will be prepared and displayed in the notice board. The Assessment marks of the students are updated in the ERP (**PALPAP**) and also the Progress of Students in Internal Assessment is sent to their parents through SMS.

Remedial classes are conducted to improve the academic performance of slow learners. The college conducts Internal Assessment re-exam for the slow learners and the updated marks are displayed in the notice board.

The Internal Assessment marks and attendance percentage obtained by the students are entered periodically in **Anna University Web Portal** in four scheduled phases in a semester. The students can view/ access the attendance percentage and their web portal marks through Anna University Student login.

File Description	Document
Any additional information	View Document

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

Response:

The students is given opportunity to make representation about their grievances in the evaluation process both at college level and university level. Those grievances are resolved as per the norms.

The students are well informed during the orientation programme on rules & regulations with respect to Internal Assessment Examinations before the start of the Internal Examinations. If any student has any grievances they can approach the Course Faculty or Mentor / Head of the Department / Principal seeking for redressal. The Head of the Department/ Principal find a suitable solution which will be communicated to the Students.

For the university examinations, discrepancies and grievances if any, the students will report to the concern HOD and the HOD will explain the Anna University examination rules to students for them to understand and further proceed to settle the grievances.

The Anna University (AU) has detailed rules & regulations governing examinations and related issues.

- If any malpractices during the examinations, student is given an opportunity to present his/her case before the committee and the decision of the committee is final and binding and is conveyed to the student within the time schedule.
- After the announcement of results, a candidate who is not convinced with the results he /she can approach the exam cell in the institute through HOD/Principal and can apply for Photocopy of the Answer Script by paying the applicable fees.
- The Photocopy of the Answer Script is evaluated by the concerned teacher and if the candidate deserves more marks, the teacher has to recommend the paper for revaluation. With the concurrence of Head of the Department, he/she can apply for revaluation of that subject by paying the applicable fee.
- After the publication of the revaluation result, if any student is still not satisfied with the result he /she can apply for valuation Challenge for that particular subject with the concurrence of subject handling staff/HOD/Principal.
- Any unforeseen grievances of students related to examinations that are not clearly stated in the AU rules & regulations shall be resolved/addressed by the Controller of Examinations (COE) of AU

from time-to-time.

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The Institute follows a well-planned academic calendar. Academic year starts as prescribed by Anna University (AU). The institution prepares and publishes the academic calendar for the academic year which includes plans for curricular and co-curricular activities based on the available working days as per university norms. Approval for the same is taken by Principal and Head of the Department after making some corrections if required.

The academic calendar is given to all faculties before commencement of the semester. Based on the academic calendar Teaching / Lesson plan is prepared. The lesson plan generally highlights the content, Methodology, Faculty approach and total lectures for completion of the curriculum.

The academic calendar provides adequate balance between academic and nonacademic activities, teaching and examination schedule. Every faculty member prepares a 'Lecture schedule' for every theory subject and it is placed in the course file at the beginning of the semester and is duly approved by the Head of the department.

The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. This guides the faculty members to stick to the academic schedules as much as possible. Time table of regular lectures for the semester is prepared as well as displayed on the notice board before the commencement of the semester. The laboratory Schedule is prepared by the concerned faculty and batch-wise details are specified in laboratory schedule. Effective monitoring of the lesson plan schedules is taken care by the Head of the Department as well as academic auditors. Moreover, at the beginning of academic year, every Programme coordinator prepares the calendar of academic events like Workshops, Conferences, visiting faculty lectures, Industrial visits etc., which is submitted for academic audit.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

The Institution has well defined learning outcomes. Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO) have been defined by the Anna University which is informed to every stake holders. Faculty members are communicated by the Head of the concerned departments in the Subject Allocation Meeting. The Course Handling Faculty defines the course outcomes and discusses with the Head of the Department. The Head of the Department reviews the Course Outcomes (COs). The COs is agreed upon by the faculty of the program and should drive towards the POs and PSOs.

Program Specific Outcomes (PSO) and Program outcomes (PO) and course outcomes (CO) are discussed by faculty members in the classrooms. Course Outcomes (COs) written for each course in every program after thorough discussion and are uploaded in the respective Department web site. Starting from a course, the outcomes identified on the basis of contents and in line with the desired objectives and in synchronization with other courses in each semester were carefully selected for defining program specific outcomes. The course outcomes designed to cover the prescribed syllabus and designated competencies are embedded in the assessment pattern based on examination system.

Each Course Outcome is mapped to Program Outcomes in terms of relevance. Three levels of relevance based on degree of correlation are used. The levels of correlation are 1 for low, 2 for medium and 3 for high correlation. The contribution of course to each PO is expressed in terms of average relevance of COs mapped to that particular PO. Similarly the value computed for all the courses including first year courses shall be entered for the corresponding PO and PSOs.

The communication mechanism for the students include the College Website, through induction programs, mentor-mentee interactive sessions. Teachers elaborate Program outcomes, Program Specific Outcomes and Course Outcomes in their respective classes to the students in the beginning of each semester.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are

evaluated by the institution**Response:**

The institution and an individual faculty member do use Assessment/ Evaluation outcome as an indicator for evaluating student performance and achievement of learning objectives. It is used in planning necessary corrective measures in case of deviation from the expected outcome.

The attainment levels for courses are set based on the previous performance. Each course may have different targets & attainment levels set by the respective faculty members handling the course. Setting the three attainment levels will help to determine the extent of attainment of each course outcome against the set target. The attainment is measured in terms of actual percentage of students getting the set percentage of marks or more.

Considering the performance of students, teachers can modify the teaching learning process for the overall development of students and to achieve the Program Outcomes. The process of attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs), Course Outcomes (COs) starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year Engineering degree program. The course outcomes are written by the respective Course Handling faculty member and are reviewed by the Head of the Department (HOD). Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program including the elective subjects. The course outcomes written and their mapping with POs are reviewed frequently by HOD before they are finalized.

The Internal Assessment component enables students to consistently test their attainment of course outcomes and broader program specific outcomes. It also enables them to overcome gaps in attainment and optimise the same over the academic session. Constant faculty feedback ensures a steady stream of valuable input in terms of student learning.

A continuous analysis of the learning outcomes of a course; its syllabi; its acceptability among the students; form important basis for setting course outcomes / program outcomes. The attainment of outcomes is generated through examination results, which are managed by well established integrated examination platform overseeing the pre-examination, examination and post examination process.

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 63.58

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 309

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 486

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 9.84

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.10	3.46	1.31	2.27	2.70

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 1.95

3.1.2.1 Number of teachers recognised as research guides

Response: 3

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.03

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 4

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 684		
File Description	Document	
Supporting document from Funding Agency	View Document	
Any additional information	View Document	
Funding agency website URL	View Document	

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Aalim Muhammed Salegh College of Engineering has formed an Ecosystem for Innovation Including Incubation Centre (EIIC) and Projects, Technical Talk, Research related activities for making and transfer of technical knowledge. Faculty members are authorized to take up research activities with existing facilities.

The Institution has a Research & Development (R&D) Cell to monitor and address the issues of research by the Principal Dr.M.Afzal Ali Baig and Associate Professor Dr.S.Sathish, Director R&D, HOD'S of Civil, Mechanical, EEE, ECE, CSE, IT and MCA.

Research & Development (R&D) Cell is performing the following activities

- Motivating the importance of research amongst faculty members and students.
- Motivating the research collaborations with industries.
- Motivating the faculty members and students for higher education.
- Organizing the online webinars, workshops, seminars, invited lectures and conference
- Encouraging the faculty members for doctoral programme.
- Encouraging the faculty member to enhance the paper publications.

The roles and responsibilities

- To support the faculty members to conduct various technical events such as workshops, training programs, seminars, conference and symposia.
- To prepare annual research activity plan for all the departments.
- Take up appropriate problems of the industry for finding solutions through R&D projects assigned to faculty and students.
- To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry institute interactions etc.
- To arrange brainstorming sessions through talks by eminent personalities from Industry R&D organizations and institutions of repute for the better understanding of research methodology and practices currently followed.
- To keep everyone informed about announcements by various funding agencies like DST, DRDO,

ISRO, CSIR, AICTE etc..

- To motivate students for presenting papers in National and International conference
- To Motivate and encourage students' participation in competitions and exhibitions conducted by IIT'S, NIT'S, Anna University, and IET, SAE, PALs, HACKATHON.

To conduct soft skill development program for the final year students to improve their communication skills.

The roles and responsibilities of Entrepreneurial Development Cell (EDC)

ENTREPRENEURIAL DEVELOPMENT CELL (EDC) was established on its own initiative on 15th February 2012. ED Cell have been actively conducting program in entrepreneurship with concreted initiatives to promote entrepreneurship among the students.

The broad objectives of the ED Cell would include:

- To create awareness on entrepreneurship among students,
- To inculcate entrepreneurial spirit and culture among the Science and Engineering graduates and post graduates.
- To conduct programs in entrepreneurship enabling skills.
- To identify and motivate budding entrepreneurs.
- To create a database on industrial information to facilitate entrepreneurs by providing information on entrepreneurial opportunities.
- To assist entrepreneurs in sourcing finance, identifying market, preparation of business plan and product development.
- To guide the prospective entrepreneurs in knowledge based ventures.
- To help entrepreneurs to acquire necessary skills to run the industry effectively.
- To bridge the gap between Industries and Institutions by carrying out the research activities for the industries.
- To conduct industrial development training program with updated technologies.
- To provide need-based consultancy services of industries.

File Description	Document
Any additional information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 34

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	6	14	2	9

File Description	Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

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

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 0.33

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 1

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 3

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.54

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	11	15	23	18

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

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 1.12

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	80	37	16	32

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

To provide healthy atmosphere in and around the campus and create awareness in the mind of people about social scenarios our Management, Faculty Members, students volunteers, NSS coordinators joined their hands together to impart service and support to the needy people. Social programmes like Swatch Bharat, Education Awareness, Women's safety, Disaster Management, Medical aid, Research and Innovation, etc., were executed through NSS activities.

1. Awareness on open defecation issues was given and toilet was constructed for public utility.
2. Education awareness programme were conducted to the rural students. Computer systems were donated and training was provided on software programs to the school students.
3. Summer Camps were organized to create Higher education awareness for students studying in neighboring schools.
4. Project expo summit was conducted to motivate and encourage the knowledge of school students
5. Vigilance Awareness Week was organized in college campus. Nearly 1000 students participated and played an active role.
6. Medical camp was organized for dermatological issues.
7. Gaja Cyclone relief activities were organized by our college NSS volunteers. Grocery items, plastic shelters sheet and solar lights were donated to the Gaja cyclone affected people. Management, Faculty Members, staff members, Alumni and students provided the fund for Gaja Cyclone relief measures.
8. National Deworming day was organized.
9. Organized CCTV Camera awareness rally jointly with T8 Muthapudupet police station on 07.02.2019. Nearly 130 students participated and raised slogans supporting the installation of CCTV cameras.
10. National Voters' day was celebrated and rally was organized in and around the campus for awareness of General Election.
11. Streets were cleaned and unwanted bushes were separated as part of Swatch Bharath Campaign.
12. Transport arranged and food for paramedical staff for Polio vaccination for nearby villages.
13. Celebration of Independence Day, Republic Day, Constitution Day, Engineers day and Women's Day.
14. Awareness on Tree Plantation, Water and Tree Conservation Programme.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 6

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	0	1	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 26

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	10	9	2	1

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 8.1

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
200	250	150	100	50

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 183

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
58	33	34	34	24

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 25

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other

universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
7	7	3	3	5

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

Response:

The Institution exudes a pleasant ambience, with students drawn of Pan-India with a noble vision of reaching the unreached. The college upholds with pride that it has acquired highly qualified and well experienced Faculty Members. The Institute fulfils all the norms specified by the Government agencies like AICTE, Anna University (Affiliated) in terms of land requirement, Instructional, Administrative and Amenities areas. The good infrastructure and startling environment facilitate the students to employ their instinctive competence into practice.

Technology-Enabled Learning Spaces:

The institution provides 50 Mbps Internet connections to all the systems in the campus and further, well-equipped 24x7 Internet facilities are accessible in the campus. Besides class room teaching, LCD projectors and laptops are used for teaching and learning process.

The laboratories are well-equipped with latest equipments like Roughness Measuring Instrument, Image Processing System, Non IBR Boiler, Workstations, Four Stroke Diesel Engine with Electrical Loading and Data Acquisition System(DAS), Digital Storage Oscilloscope, Spectrum and Logic Analyzers. The laboratories have around 13 licensed software/simulation tools like ORACLE, Rational Rose Suite, Visual Studio Version 8, MAT LAB, Lab View, Top view Debugger, Xilinx, Tanner EDA, AU Power- Simulation, Visual Studio 2018, ANSYS, PRO-E, STADPRO, AUTOCAD 2019 to make students industry ready

Facility	Total Numbers	Total Area in Sq.m
Class Rooms & Tutorial Hall	52+8 = 60	5019
Seminar Hall	08	1090.16
Laboratory	31	7801.18

HOD's Room	07	224.78
Faculty Room	25	696.14

Auditorium – 403 Sq.m

Drawing Hall (3 Nos) – 425.98 Sq.m

Central Library- 327.27 Sq.m.

Cafeteria- 445.55 Sq. m

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, Volleyball, Throwball, to ensure the focus of the institute in providing extra-curricular activities to the students. Separate and spacious hostels are provided for both boys and girls from various regions of the Nation. We host district level cricket matches and Anna University Zonal Matches.

Sports Complex

Outdoor Games	Indoor Games
<ul style="list-style-type: none"> • Basketball • Volleyball • Football • Kabadi • Cricket • Kho Kho • Throwball • Handball 	<ul style="list-style-type: none"> • Chess • Shuttle Badminton • Table Tennis • Carrom

- Hockey
- Athletics

Gymnasium:

- Weight lifting
- Dumbbell sets
- Pull up bars
- Squat stations

Extra Curricular Activities

S.No	Sports/Indoor or Outdoor Games/Gym/Cultural Activities/Yoga	Number of Courts	Area	Size	Year Established
1.	Volleyball (alternatively used)	2	2400 Sq.m	78 Mts(L/W)	201
1.	Basketball	1	2400 Sq.m	43 Mts(L/W)	200
1.	Ball-Badminton	1	2000 Sq.m	36 Mts(L/W)	

1.	Throwball (alternatively used)	1	2400 Sq.m	78 Mts(L/W)	201
1.	Cricket Nets	3	195 Sq.m	37 Mts(L/W)	201
1.	Cricket ground	1	136 yd	125 Mts(L/W)	201
1.	Football	1	174 yd	160 Mts(L/W)	201
1.	Multi Gym	1	1800 Sq.m		201
1.	Badminton Court	1	1000 Sq.m	22 Mts(L/W)	200
1.	Handball	1	2400 Sq.m	60 Mts (L/W)	201
1.	Kabaddi	1	1800 Sq.m	36 Mts (L/W)	200
1.	Table Tennis	1			
1.	Carrom	4 Boards			
1.	Chess	4 Boards			

- Anna University Zone – I Football Championship for the past two years.
- Students from our college have Participated in TIES Tournament.
- Participated in State level intercollegiate tournament.

1.Events Conducted (Regular)

- Anna University Zonal and Inter Zonal Sports Meet
- School Tournament – Volleyball
- Corporate Tournament – Cricket

Student Participation and Activities

Number of awards/medals for outstanding performance in sports/cultural activities at National / international level (award for a team event should be counted as one) during the last five years.

Response:

Number of awards/medals for outstanding performance in sports/ at state / Zone / Inter zone level and Inter University (award for a team event should be counted as one) during the last five years.

2017-18	2016-17	2015-16	2014-15	2013-14
7	53	20	18	20

Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years.

YEAR	Name of the award/medal	National /International	Sports / Cultural	AADH Number
2012-13	S. MOHAMED ALI	ALL INDIA INTER-UNIVERSITY	ATHLETIC	101091

2012-13	R.NIRMAL KUMAR	ZONAL TOURNAMENT	FOOTBALL	101101
2013-14	A. NOORUL ASLAM EEE/IV	ZONAL/INTERZONAL	BADMINTION	
2014-15	P.S.YASIR ARAFATH	STATE	BODY BUILDING	
2015-16	SHAIK SAQUIB BASHA	STATE	POWERLIFTING	110113
2016-17	M.ABU THARIK RASOOL	ZONAL TOURNAMENT	VOLLEYBALL	110114
2016-17	KHALEED MOHAMMED KHAN	ZONAL TOURNAMENT	FOOTBALL	110115
2017-18	D. VIJAYA DEVA	DISTRUCT	BODY BUILDING	110115
2017-18	D. VIJAYA DEVA	DISTRUCT	POWERLIFTING	110115
2017-18	A.MOHAMMED THAUQHEER KHAN	INTER ZONAL THOURNAMENT	BOXING	110117
2017-18	KHALEED MOHAMMED KHAN	ZONAL TOURNAMENT	ATHLETIC	110115
2017-18	M.MAHESH DHARMA	ZONAL TOURNAMENT	FOOTBALL	110115
2017-18	SHAIK SAQUIB BASHA	ALL INDIA INTER-UNIVERSITY	POWERLIFTING	110113
2018-19	D. VIJAYA DEVA	STATE	POWERLIFTING	110115
2018-19	KHALEED MOHAMMED KHAN	STATE	FOOTBALL	110115
2018-19	M.MAHESH DHARMA	STATE	FOOTBALL	110115

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response: 61.76

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 42

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 29.44

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
115	220	250	230	350

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document
Any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

Central Library is automated with Integrated Library Management System (ILMS) using the Software Insproplus Powered by PALPAP 6.1

Insproplus Powered by PALPAP 6.1 – Improve Institutions Productivity

Insproplus Powered by PALPAP 6.1 : Inspro plus is Automated Book Repository Administration System which permits the administrator to insert, update, delete and view the details such as book, member, author, subject, department, supplier/publisher reports in the cataloguing module.

This system helps to maintain the Library Information and controls the book transactions of the library. The library users can use this application in the library to search for books and check the availability status of the books. The books repository here indicates that all type of books can be stored in the database, and can be referred back by the admin very easily. This will be an added advantage such that the users can enquire the availability of books. The admin part has also got a vital role in handling this system. It is user-friendly and admin has no difficulty in handling the system. All the transactions made during the particular day are being stored perfectly, such that they can be viewed or can be taken as a day to day report whenever needed.

This module allows the institution to perform the use of barcode systems for faster transaction and various other functions like.

- 1.Transaction Report
- 2.Book Circulation Report
- 3.Library Information Report

- 4.New Book Request Report
- 5.Title, Author, Publisher Wise Report
- 6.Book Statistics
- 7.Return Information
- 8.Browsing Lab Details
- 9.Chart for Transaction
- 10.Cumulative Book and Journals
- 11.Utilization Issued Report
- 12.Journal Letter Report

It generates book reports categorized by accession number, author, subject, department, supplier and publisher, call no, title, availability etc.

The Intranet facility provides all searching capabilities. It gives the user a tremendous advantage that any user can check the availability of book and other status in any place inside the campus.

HARDWARE REQUIREMENTS

Processor: i3 Processor

Hard Disk: 500 GB

RAM : 2 GB

SOFTWARE RREQUIREMENT

Operating System: Windows 7 Professional

Front End : .Net

Back End : SQL Server 2008

MODULE IN SOFTWARE

The modules used in this software are as follows:

- 1.Cataloguing
- 2.Counter Service
- 3.Admin
- 4.Search
- 5.Reports

Name of ILMS software – INSPRO PLUS ERP 6.1

Nature of automation – Fully

Version - ERP VERSION 6.1

Year of Automation- 2013

Books

Titles – 7578

Volumes - 43730

E-books - 3126

Journals/Periodicals

Print – 73

Back Volumes - 2242

Online – 04 packages (Delnet, IEI , IETE,National Digital Library of India)

Non Book Material CD -476

Project Reports- 676

NewsPaper – 05

Magazines- 11

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Collection of Rare Book

S.NO	BOOK NAME	PUBLISHER	AUTHOR	
1	Britannica ready reference encyclopedia	Britannica and impulse	Britannica	
2	Mecca the Blessed Medena the Radiant	Tuttle Publishing	Sayyed Hossein Nasr	
3	Environmental Encyclopedia	Jaico	Wiiliam.P.Cunningham	
4	Islamic Art and Architecture	H.F.Ullmann Publishing	Markus Hatlstain	
5	Hand Book of Graph Theory	Theory CRC Press	Jonathan L Graoss	
6	The Meaning of the Noble Quran Volume-I(Part 1-10)	Islamic Book Service	AbdulNaeam	
7	The Meaning of the Noble Quran Volume-III(Part 21-30)	Islamic Book Service	AbdulNaeam	
8	Visual Encyclopaedia	Pentagon Press	Nicholas Harris	
9	Leopard Knowledge Encylopedia			
10	The handbook of computer networks vol – I	Hossein bidgoli	Wiley	
11	The handbook of computer networks vol – II	Hossein bidgoli	Wiley	
12	The handbook of computer networks vol – III	Hossein bidgoli	Wiley	
13	Discovering the wonders of our world	Dulcan browne	Reader digest	
14	Meaning of the noble quran vol – II (Part 11 to 20)	Aftab alam khan	Islamic book service	
15	Reader's Digest Compendium of Puzzles and Brain Teasers	Reader's Digest Association LTD	Peter Keyne	
16	Visual Dictionary	Darling Kindersley	Penguin	
17	Compact Oxford Reference Dictionary	Oxford University Press	-	
18	Family Word Finder	Reader's Digest	-	
19	1001 Inventions Third Edison	National Geographic	Salim T.S. AL Hassani	
20	101 Ways to Improve your Memory	Reader's Digest	-	
21	Visual Encyclopedia	Pentagon Press	-	
22	VB Script Super bible	Waite Group Press,	Jinjer L.Simon	
23	Reader's Digest Compendium of Puzzles	Reader's Digest Association LTD	Peter Keyne	

	and Brain Teasers		
24	High School English Grammar and Composition	K&J Cooper	Wren& Martin
25	Railway Establishment Rules and Labour Laws	Verma Printing Press	B.S.Maniee

Videos Beyond Syllabus – 30 CD's

Gate and Competitive Exam CD's – 134

Project reports – 676

Library has also the provision for referring old question papers for information and guidance.

Name of the ILMS Software	Nature of automation	Version & Year of Automation	
Inspro Plus ERP	Fully	6.1 Version & Year of Purchase	

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above**Response:** A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)**Response:** 59.38**4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
61.81	59.53	58.66	58.74	58.14

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library**Response:** Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students**Response:** 8.36**4.2.6.1 Average number of teachers and students using library per day over last one year****Response:** 153

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Wi-Fi facilities are available on the campus. The Institution also provides 50 Mbps Internet connections to all the systems in the campus and further, well-equipped 24x7 Internet facilities are obtainable in the campus. A System administrator is employed to take care of the IT and related needs of the campus such as Hardware and Networking, Website designing and hosting etc. Every laboratory maintains a complete record of the equipment such as Lab Maintenance Register, Utilization Register and Service register. All the documents are verified by Lab In charge and are kept in accordance with the standard procedures.

File Description	Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 2.84

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: 35-50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 65.42

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
449.16	527.95	608.10	520.66	536.94

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document
Any additional information	View Document

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

Response:

- A Campus Engineer is employed for the purpose of maintenance and upkeeps of the Infrastructural facilities in the college.
- Electricians and Plumbers are maintaining the college with 24x7 power and water supply.
- Technical staff of individual department periodically monitors and maintains the equipment of laboratories.
- Operationability Report of all the equipments existing in the laboratories will be obtained from the Lab In-charges during the end of each semester and it will be verified by the Head of the Department and made good within minimum time getting ready for the preceding semester.

- Equipment within the warranty period, are serviced by the suppliers. Beyond the warranty period, AMC service personnel of the manufacturing company take care of the repair and maintenance of the equipment.
- The repair of lab equipment which needs specialized service person is commissioned and corrected.
- Gardeners and supporting workers are maintaining the college landscapes.

File Description	Document
Link for Additional Information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 48.77

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
732	886	985	1020	1073

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 10.29

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
368	252	173	90	54

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling

- 3.Soft skill development
- 4.Remedial coaching
- 5.Language lab
- 6.Bridge courses
- 7.Yoga and meditation
- 8.Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 100

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1677	1827	1994	2022	2069

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 2.69**5.1.5.1 Number of students attending VET year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
89	34	40	41	47

File Description	Document
Details of the students benefited by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**Response:** Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document
Any additional information	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 66.65**5.2.1.1 Number of outgoing students placed year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
245	315	249	220	199

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 14.89

5.2.2.1 Number of outgoing students progressing to higher education

Response: 46

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 17.33

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	4	1	1	2

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
19	16	19	19	14

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Response: 32

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

2017-18	2016-17	2015-16	2014-15	2013-14
11	8	5	3	5

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Students of Aalim Muhammed Salegh College of Engineering are fortunate enough as the college provides number of other activities apart from academics. College has many student committees to address student's grievances likes Class Committee Meeting (CCM), which consists of 6 members to solve academic related and other issues of students. Class Committee is formed for each year starting from first year till final year. Class Committee Meeting is held three times in a semester to address the grievances and issues raised by the students. After the meeting, within 1 week time the grievances are addressed. The students are informed once the grievance is addressed. Hostel Committee takes care of students menu and

discipline related issues in hostel. Hostel Committee is formed with students from all years i.e. first year to final year. All the issues faced by the students in the hostel are discussed and addressed in the Hostel Committee meeting.

Pan IIT Alumni Series (PALS) committee is also available in campus to enhance other activities of students. PALS committee helps the students to participate in various workshops, conferences, seminars organized by Pan IIT Alumni Series. College has National Service Scheme (NSS), which involves various social welfare activities like 'Sansad Adarsh Gramya Yojana' (SAGY), which includes plantation of trees, cleaning campus of school, painting school walls and conducting games for school students.

SC/ST committee, Library Committee, Anti ragging committee and Women Empowerment Committee are formed to take care of related issues. SC/ST committee addresses the issues faced by the SC/ST students in the college. Library committee consists of students from all the years. In the library committee meeting, students are informed availability of books, journals and any issue raised by the students in the meeting is addressed. Anti-ragging committee addresses and resolves any kind of ragging issues faced by the students by their seniors. Appropriate action is taken based on the meeting. Women Empowerment Committee helps to empower women students of the college in various areas. Also any issues faced by the women students are also addressed by the committee.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 17.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
17	16	17	18	19

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Aalim Muhammed Salegh College of Engineering Alumni Association is reinforced every year with the progressive contributions made by the Alumni. Our Institution grows perpetually by its achievements in every sphere of academics and applied knowledge. Aalim Muhammed Salegh College of Engineering Alumni Association Registration is in process.

Our alumni have promoted the values of our institution to far shores and to new horizons through financial and non-financial means some of the Alumni contributions are

- 1.Many of the Alumni help the Institution in training, placement, development of state-of-the art laboratories, and delivery of SME lectures and in conducting workshops in emerging technologies.
- 2.Alumni play an active role in growth and development of the institution. They have created alumni groups in Professional Network and Social media platforms like LinkedIn, FB, WhatsApp uniting the alumni of the college and working together for the noble cause of development of the institution
- 3.General Alumni Meeting is conducted quarterly for regulating ongoing and planning the upcoming events.
- 4.Job Portal was developed for passed out students and fund-raising campaigns are organized to give back to the society and provide scholarships for bright students who are economically weak.
- 5.Alumni has contributed Rs. 3,81,9,000 for the last five years towards the development of the college.
- 6.Alumni Fund is utilized in 3 different ways

(a) Non-refundable – Financial support to economically weaker students who are academically sound.

(b) Innovative projects are funded

(c) The fund can be utilized to give Medical Aid.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: ? 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

Criterion 6 - 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

Response:

VISION:

We envisage a global village wherein the students of Aalim Muhammed Salegh College of Engineering are the torch bearers of technological and management revolution by striving for professional excellence.

MISSION:

- To contribute to the growth of engineering and management profession by maintaining the highest ethical and professional standards.
- To serve the community for its enrichment and advancement.
- To equip the students to face challenges in life with self confidence and to promote altruism.
- To attain the aforesaid vision we, the management, faculty and staff at Aalim Muhammed Salegh College of Engineering shall discharge our duties and obligations.

Students – our assets

Profession – our means.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies.

Combating the inequalities in the accessibility of education, Alhaj Dr. S.M. Shaik Nurddin's firm belief that education has phenomenal powers to bring about substantial benefits to individuals and the society laid the foundation for the emergence of the Aalim Muhammed Salegh Trust and the group of educational institutions under its umbrage. Dr. S.M. Shaik Nurddin's conviction that education is a tool for social change for the betterment of the society is the underlying philosophy that guides the institutions founded by him. With this goal Aalim Muhammed Salegh Educational Institutions function with focussed attention imparting career-oriented courses and excellent teaching to enable students to acquire knowledge and skills that help them to develop true professionals of international standards.

Based on the mission, vision and quality policy, the institute plans its short term and long term goals. Decisions involving policy making, new course creation and budget allocation were taken by The Secretary Correspondent with the advice and support from Trustees and Governing Council. Other activities related to academics, symposium and sports activities were approved by Principal in concurrence with the concerned department HEAD. Since the management believes in team work, participation of employees of every levels in all the academic and non academic activities of the institute.

All the programs were organized and conducted by various committees which work for specific purpose but toil together for the successful completion of the event.

Committees at college level were provided below:

1. Academic Council Committee.
2. Woman grievance cum redressal committee.
3. Discipline and welfare committee.
4. Planning and monitoring board.
5. Anti Ragging Squad.
6. Anti ragging committee.
7. Woman's cell.
8. SC/ST cell.
9. Placement cell.
10. Research and development cell.
11. Exam cell.
12. Grievance Redressal Committee.
13. ISO and NAAC accreditation committee.
14. Graduation Day & Induction Day Event Organising Committees.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

The institution works with the decentralized system of governance method. The Department Head has been empowered to decide the activities and delegate the responsibilities to the Faculty Members. The department decides on schedule, assignment, purchase and maintenance of equipment and consumables, organization of conferences, symposiums, guest lectures and workshops. All academic activities are decentralized and decisions are taken in the department meetings, HOD meetings with Principal and HODs meetings with Secretary and Correspondent on the basis of discussion and deliberations. In order to conduct the academic session without interruption, a senior faculty member will be assigned as HOD/Incharge to take care of departmental activities when the acting HOD went on leave. Faculty members in the department, as a team or as individual will be assigned to perform a specific task as lab incharge or other department activities for the betterment of organization. The Principal coordinates with departments, management and administration. Participatory management provides extensive scope for departmental autonomy and ensures the pragmatic planning and executing all of the institution's activities in a uniform and team manner. At the close of the previous academic year, each year Academic Planner is prepared.

The schedule of the following will be discussed and finalized in accordance with the schedule received from affiliating university:

Re-opening for the next academic year

Working days / test days / model exam days

Department Symposium/Association activities

Department exam cell

Department research coordinator

Department ISO/NAAC/NBA coordinator

Guest Lectures

Video Classes

Industrial Visits

Internships Placement

Training for placement activities

Internal Quality Audit

FDPs / Workshops / Conferences

IQAC Meetings

Mini Project Exhibition

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The management monitors the performance and the progress of the institute to ensure the fulfillment of the goals. To ensure consistency in academic excellence, physical infrastructure and facilities need to be upgraded enrich teaching - learning process in a broader perspective.

Teaching learning:

- Increasing the usage of LCD projectors, monitor sharing and audio video tools to enhance
- Regular assessment of students performance and activities

Research and development:

Infrastructure Facilities:

Community Engagement:

Human resource management

Industry interaction:

The institution has high quality learning environment that includes spacious classrooms, well-equipped laboratories, state-of-the-art computing facilities, R &D centers, smart class rooms, , seminar halls, auditoriums, first class sporting facilities with indoor and outdoor complexes, well-equipped gym feel at home hostel accommodation facilities and extensive facilities for on-campus training and placement.

Enhancement of Infrastructures

- 1.Smart class rooms
- 2.Hostel Building
- 3.Cricket Ground
4. Volley Ball Court
- 5.HT Yard
- 6.Amenities Block – Alumni Office, Stationary Shop
- 7.Smart Class Rooms
- 8.Entrepreneur Development Cell (EDC)
- 9.Auditorium

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as

grievance redressal mechanism**Response:**

The administrative structure of the institute clearly depicts the decision tree and chain of command. Institute was spear headed by the chairperson and followed by Secretary & Correspondent, Trustee administrator and Principal. Daily academic activities are administered by Principal with the support from all Department Heads. Principal controls the academic, non-academic and co-curricular activities of the institute through the concerned department Heads under his command.

HOD's being second rung administrators actively supports and executes the decision with the help of the teaching and non teaching members of the respective department. HOD's are provided with adequate freedom in matters concerned with their respective department and also principal seeks suggestions as and when needed. Due to the interdepartmental participation of all members in the organization structure, the institute evolves continuously and accommodate to changes needed time to time easily. Timely internal and external snap audits are performed to keep the system afresh and rigid.

Institute has a robust system for promotion and appraisal of member (Details provided in section 6.3.5). Various salient parameters according to the position were analyzed, audited and considered for appraisal. Faculty recruitment starts by issuing recruitment notification in digital and print media and then the received resumes will be shortlisted and called for interview. New faculty members were recruited after assessing their domain knowledge by the team of experts appointed by Principal.

Grievance at any sector will be taken care of by the concerned committee through offline and online grievance redressal portal. Institute provided various grievance redressal mechanisms to accommodate the need of all varied situations. Each grievance will be investigated and solved with the appointed committee.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support
- 5.Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above**Response:** A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**Response:**

The following Cell has been formed with the approval of the Head of the Institution for the performing various activities in the college for the continuous improvement of the students.

1. Internal Quality Assurance Cell
2. Career Planning and Development Cell
3. Women Empowerment Cell
4. Anti-Ragging Cell
5. Entrepreneur Development Cell
6. R & D Cell
7. Exam Cell
8. NSS Cell
9. Alumni Association Committee
10. Discipline committee
11. Grievance Redressal Committee
12. Sports Association
13. Library Committee
14. Admission Committee

With the Principal's leadership, each committee will be assigned specific tasks related to the performance of college functions requirements. Each committee has been assigned one coordinator to monitor the work. In the presence Principal, HODs and Committee members, a minimum of two meetings will be held prior to the function. The established committees are not permanent. Members are rearranged for change of committees for different functions. This permits the members to acquaint with any kind of task related to any function.

The following is the minutes of the meeting on 29.06.2018 to conduct the successful 14th Graduation Day.

- Chief Guest – Thiru. D. Jayakumar, Honorable Minister Fisheries & Thiru K. Pandiarajan Honorable Minister of Tamil Official Language and Tamil Culture.
- Registration Desk will be available from 9.00 A.M to 11.00 A.M
- Students will be seated in the auditorium in respective places as department wise.
- Events will be started from 11.40 A.M with the Recitation of Holy Quran and Tamil Thai Valthu.
- Committee list will be circulated to all the departments.
- Students have to pay advance of Rs. 500 (300 will be Refundable).
- The total number of UG graduates:433, PG graduates:47

The 14th Graduation Ceremony was organized in the academic year 2017-18 on 05.08.2018, Thiru. D. Jayakumar, Horrible Minister Fisheries & Thiru K. Pandiarajan Horrible Minister of Tamil Official Language and Tamil Culture, graced the opportunity.

The following committees were established for the successful conduct of the 18th graduation day and the committees were obligated to carry out the tasks discussed in the minutes of the meeting held on 18 July 2018 at the meeting of the HODs with the Principal.

- Registration Committee: do the registration work and confirm the participants.
- Reception Committee: Receiving the Chief Guest and invitees.
- Seating Committee: State Decoration, Seating Arrangement
- Disciplinary Committee: To maintain the discipline among the students, to seating students to allocated places.
- Refreshment : Taking care of food services to graduates, parents and guests.
- Certificate Distribution: Distribution of certificates in the given order as department wise.
- Transport Committee: Taking care of transport facilities and controlling the parking of vehicles.
- Compering Committee: to hosting the function.

After setting up the committees, the following series of activities was done.

- Conducting meetings for the committee coordinators with members
- Circulation of the Minutes of the Meetings among the members of the committees
- Execution of activities as planned
- Successful conduct of the function

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

Welfare measures for teaching Staff:

- On duty leave for attending conference, seminars, symposiums and industrial visits.
- On duty leave for research oriented visits to perform testing and analyzing components.
- Personal Accident Insurance.
- Soft Loans for Higher Education, Children School Tuition Fee, Self and Siblings marriages, Parents Medical Treatment
- Free transportation.
- Free food during working on leave days for special reasons.
- Provident Fund.
- Medical Leave.
- Maternity Leave.
- Marriage Leave.
- Special leave for higher studies.
- Support for Higher Education UG: PG Programmes and Ph.D Programmes and Special Career advancement Courses.
- ESI Facilities.

Welfare measures for non-teaching Staff:

- On duty leave for attending skill development training and industrial visits.
- Provident fund.
- Accidental insurance.
- Interest free loan.
- Employees state insurance.
- Medical Leave.
- Maternity Leave.
- Marriage Leave

File Description	Document
Any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend

conferences/workshops and towards membership fee of professional bodies during the last five years**Response: 2.75**

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

2017-18	2016-17	2015-16	2014-15	2013-14
2	7	2	5	5

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff during the last five years**Response: 3**

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	1	3	2	3

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years**Response: 12.76**

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	26	38	12	7

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Teaching:

The institute performs performance appraisal at end of each academic year and a confidential performance report will be obtained from department HOD regarding all the faculty members under him. After thoroughly investigated by principal, report will be submitted to management for perusal.

Crucial parameters for performance appraisal of teaching faculty:

- Syllabus completion of subject taught.
- Number of hours spent after college hours to guide students in academic matters.
- Number of students and number of times counseled the students.
- Results in the subject taught.
- Achievements
- Research grants.
- Organizing events and programs.
- Regularity in attendance.
- Involvement in college responsibilities.
- Participation in university responsibilities
- Willingness to accept additional responsibilities.
- Higher studies.
- Book publications.
- Research publications.
- Participation and conducting FDP, workshops and other events.
- Social responsibilities.

Non teaching:

Appraisal for non teaching members will be prepared by HOD of the department after taking proper

feedback from the faculty to whom the non teaching member is associated with. Final report will be submitted to management after it was considered by principal.

Crucial parameters for performance appraisal of non teaching member:

- Quality of work.
- Maintain the cleanliness of associated laboratory.
- Maintain the operationability of equipment in the associated laboratory.
- Safety standard followed.
- Regularity to work.
- Participation in departmental work.
- Participation in college work.
- Helping student for projects.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Response

The Senior Accountant performs daily payments, receipts and accounting.

Each financial transaction is recorded and sent on a day-to day basis to the head of the account team, and a senior trust office accountant conducts an annual audit. At the end of financial year the annual account statement viz. Balance sheet, Receipts & Payments, Income & Expenditure are forwarded to external statutory auditor for the final verification. The audit of accounts and submission of income tax returns are being carried out regularly each year.

Last external auditing was conducted in March 2018.

There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and obtaining of approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the

institution/Secretary.

The Income and Expenditure Statements for the year 2017-2018 is uploaded for reference.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 1.65

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1.55	0.1	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document

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

Response:

Mobilization

Fees Collections

Students are admitted as per the Tami Nadu Government prescribed Higher Education norms by admitting 50% of students through Anna University Counseling (TNEA) and 50% through Consortium of Self Financing Professional, Arts and Science Colleges in Tamil Nadu. The latter kind is admitted with the Fees higher than Government Quota students.

Term Loan and Hire Purchase Loans

Institute obtains above loans from banks with lower interest rates by maintaining sound liquidity, Debt Service Coverage Ratio (DSCR) and debt equity ratios, and loans are made available through Aalim Muhammed Salegh Trust, "Nizara Bonanza", 813, Anna Salai (Opp. LIC), Chennai-600 002.

Corpus Donation of Trust and Trust Contribution

The College is functioning under Aalim Muhammed Salegh Trust, "Nizara Bonanza", 813, Anna Salai (Opp. LIC), Chennai-600 002. The Trust gets corpus donations from well wishers, alumnus and philanthropists.

Optimal Utilization

Recurring Expenses

Salary to staff, academic activities and payment of bank loan are done with fees collection.

Infrastructural development facilities and Building construction works

Management allocates budget to create and upgrade the infrastructural facilities in tune with the modern trends and for construction works. Bank loans and corpus donations received from well wishers and philanthropist are judiciously utilized for the same. The institution purchases the modern lab equipments, latest version software and others based on the Anna University Syllabus.

Seminars, Conferences and Faculty Development Programmes and other co-curricular

The institute conducts the above said regularly and religiously matching with the latest technology, innovations, research, changes and needs for the society.

Extra-curricular activities

Modern sports ground has been created to provide ample opportunities for conduct of sports and enabling student participation.

Green Atmosphere

Enough care is taken to maintain on-campus cleanliness that coexists with godliness and use the fund intelligently.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

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

Response:

Best Practices institutionalized as a result of IQAC activities

Introduction of Daily Practice Test (DPT)

The IQAC focuses on the continuous improvement of the examination system for the students by conducting daily practice test. It has been to conduct the daily practice test for 20 marks as follows: Part A – two questions for each carry 2 marks and part B – one questions for each carry 16 marks, total – 20 marks. The seating arrangement for the DPT is conducted similar to Anna University Examination seating pattern with equal distance consisting of 2nd, 3rd and 4th row by row order. The DPT question paper has to be given in printed format.

Two Marks Tests

We scrutinize the photocopy of answer scripts of the students received for revaluation of students; it was observed that the student's performance in answering Part A questions (Two marks) pulls down their overall score and grade in that particular subject. To overcome this, after detailed discussions in IQAC meetings it has been decided to introduce exclusive two mark tests at the end of the semester [Internal Assessment Test – III], to enable the students of practice and familiarity in answering the two mark questions. From the even semester of 2016-17, two marks test are planned for all the years and are conducted every semester.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Content beyond the syllabus and online programs

The teaching learning process is continuously monitored and reviewed by the Heads of the Department and reported to the Principal and the Management.

The contents of this type of lecture are beyond the syllabus and they expose the industry requirement to the

students. This lecture facilitates the students to know in depth about the industry requirement and the necessary skills they should equip with for placement.

The interactions with industrial experts narrow down the gap between the institute and the industry requirement which helps the management in identifying the necessary soft skill development required for the students.

Placement training through special training faculties in a view to help the students for better placement. Faculty members are trained on the same before implementing it to the students.

Video Classes and NPTEL online courses Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains. Through these video classes students are exposed to have a thorough understanding of the processes through visual means with maximum impact and this encourages them to focus on their project works.

A regular schedule for proper utilization of the smart class room indicating the date, time, branch and year of study is prepared at the beginning of the semester, so that all the students are benefited through video conferences.

The students and faculty members are encouraged to register for the NPTEL (National Programme on Technology Enhanced Learning) online courses initiated by IITs and IISc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 10

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	18	7	6	8

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
- 2.Academic Administrative Audit (AAA) and initiation of follow up action
- 3.Participation in NIRF
- 4.ISO Certification
- 5.NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Infrastructure Facilities (2015 – 2018)

Institute infrastructure was constantly upgraded in the last five years. A new laboratory named CAD/CAM lab was established in the year 2015 with the state of the art facility for better teaching and enhanced learning. Robotics club was established in the year 2018. Hostel with high-tech facilities was constructed

in the year 2017. Community hall been established in the academic year 2017 – 2018.

Transport Facilities

In the year 2014 we procured three buses for students benefit.

Sports Facilities (2016 – 2017)

- We have established standard two volley ball court with fencing
- New turf wicket cricket ground.

Sports Facilities (2016 – 2017)

- We developed new foot ball field
- We established new hand ball court

Academic Improvements

Placement:

In last five years 956 students are placed through our placement cell in various reputed companies

Higher Education:

Totally 13 Faculties are awarded Doctor of Philosophy (Ph.D) in last 5 years

Workshops / Conferences/Faculty Development Programmes:

In the last five years (2013 – 2018) 34 workshops, one International Conference and 5 Faculty Development Programmes have been conducted in our college.

Information and Communication Technology (ICT) Enabled Teaching:

The Teaching-Learning Process is supported with Regular Practical Sessions, access of Digital Library, Soft Skills Training Programme (SSTP), PALS (Pan IIT Leadership Series) and NPTEL.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 23

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	5	4	5	4

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

1. Safety and Social Security

Aalim Muhammed Salegh College of Engineering is always taking utmost precautions regarding safety and security especially for girl students and faculty members. In connection with different committees such as Anti-ragging committee, Discipline and Grievance committee and Women Empowerment Cell as per the order issued by Anna University, Chennai have been constituted and function of that committees are monitored through our College Internal Quality Assurance Cell (IQAC).

Our institution conducted “**Empowerment of Women in education**” which is showing the importance of the women education on 6th December 2018.

The workshop on towards **“Achieving the Goals”** on the theme of Women empowerment for girls on 20th December 2018, The workshop on “Personality Development and Grooming” for girls dated on 4th August 2017 were conducted.

The institution provides the CCTV surveillance in the campus at main places such as entrance, Class rooms and library mainly to avoid ragging and any mischievous happenings in the Campus and the same is centralized with CCTV to watch day to day happenings and take necessary action.

As a safety measures, all students and employees of our Aalim Muhammed Salegh College of Engineering are allowed with ID card by our college security at the main gate itself. The outside visitors will be allowed with entry passes.

The two wheelers and four wheelers parking area are provided very near to the entry of our college and making pollution free inside the campus.

Our students participated in the road safety awareness programme and CCTV surveillance awareness program.

Our students participated in the awareness programme like road campaign for Voting for the election.

First aid box, fire alarm and fire extinguisher are provided in the main places, all the laboratories and Hostels. In girls toilet sanitary napkins disposal system is provided.

2. Counselling

Enterprise Resource Planning (ERP) based mentoring system is deployed to keep records for assigned students by the mentors.

Our institution is following a separate success book (Students counselling record) for each student with specific mentors and it contains student's attendance, internal assessment and university examination marks and personal details are maintained. ERP typically shows all type of students' academic and other related information on batch wise and year wise.

Department faculty members were taken responsibility for individual care of students in all manners such as academic performance, discipline in and out of campus and any other personal problems come up. Under Mentoring, 20 students with different academic standards are allocated to each faculty to look after the activity of students periodically.

Our College also formed different committees for the welfare of students and staff including women staff and girl students. The Friends of College (FOC) and Friends of Hostel (FOH) members of the students of the college also help the college to maintain the living-in harmony in the campus.

3. Common Room for Boys and Girls

Common room for both girls and boys are provided separately for offering prayers to lead a healthy and stress-free life in our college campus. Also, for offering prayers, separate rooms are maintained in all the blocks. There are two separate common rooms in the institute one for boys and other for girls. The purpose of common room facility is to create a stress free environment.

Our institution provides separate canteen facility for the girl students.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 4.44

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 20

7.1.3.2 Total annual power requirement (in KWH)

Response: 450

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 20

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 11441.4

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 57207.18

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

Solid Waste Management

The solid management includes the major 3 activities such as Collection of Waste, Disposal and Resource recovery.

The **Biodegradable** waste includes the materials such as plants, animals, their waste, paper, fruits, flowers, vegetables are the waste substances that degrade or break down naturally. In the college campus, we collect the biodegradable waste in each block in the placed containers and moved by transport vehicle to dumping yard then they are naturally decompose by through agents like water, soil, sunlight, microorganisms, etc. and directly or indirectly are profitable to the environment. The nearby village farmers and or people those indeed needy have given to free access of the same.

The **Non-biodegradable waste is that does not** degrade easily. The materials such as rubber, plastic, chemicals, paint plastic falls under the category of the non-biodegradable items. These wastes are collected by Avadi- Municipality by twice in a month.

Liquid Waste Management

Liquid waste management is major objective of our college. Liquid wastes are the liquid part of the waste material. Liquid waste and in the campus The waste water is collected in separate dumping area. Sewage waters are collected and the Sewage treatment implemented with help of the Avadi- Municipality on demand based service is utilized from them.

E-Waste Management

The campus has initiated the E-Waste Managing activities.

MOU will be initiated with the government certified E-Waste management consultant, this will lead to proper management of E-Waste .Consultant link: <https://ewastetritech.com/>

Contact Details of the E-Waste Management Consultant:

Mr.Mohammad Abdulla

Tritech Systems,

Shop No: 55 K.K Nagar,

Chennai 600078.

Mobile : 9003077866.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus**Response:**

The unbalanced rainfall and its management is not an easy job. The Government scheme on the rainwater harvesting system investigates a new water source.

he aim of the

present study is to use rainwater and thus taking close to the concept of nature conservation. In this

study, the rain water harvesting (RWH) system is analyzed as a alternative source of water at campus of

The Rain Water Harvesting (RWH) is a technology used to collect, convey and store rain water for later use from relatively clean surfaces such as a roof, land surface or rock catchment.

Since the RWH system is economically cheaper in construction compared to other sources, i.e. well, canal, dam, diversion, etc it was well established in the campus since 2009.

The transporting of rain water from the roofs is fitted with pipe lines from the terrace to the tank near to the building in a flat surface.

The tank size is measured and designed against the surface measurement of that building. The measurement is inclusive of the storm water inflow and average rainfall intensity.

The management of Rain water Quality and treatment is based on the recharge pit designed and implemented in the storage tank for that RWH.

At the outset, the RWH is well managed and it has experimented by frequent verification of rainwater level measurements. As per Government norms the RWH System has been implemented with uniform choke pits in our campus. Hereby the list of details of choke pits.

S.No.	Buildings	No. of Choke pits	Measure
1	ECE	2	10feet de
2	CSE	2	
3	EEE	2	
4	MECHANICAL	2	
5	CIVIL	2	
6	PG BLOCK	2	
7	HOSTEL	4	
8	CHAIRMAN'S CHAMBER	1	

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- Students, staff using
 - a) Bicycles
 - b) Public Transport
 - c) Pedestrian friendly roads
- Plastic-free campus
- Paperless office
- Green landscaping with trees and plants

Response:

Our college campus is well known for green initiatives and visitors and parents and the students will feel happy and a feeling is received harmonically.

Plantation of saplings is the regular activities in our campus. The major role players are the NSS (National Service Scheme) volunteers.

The green landscaping is well planned and becomes the nurturing tasks for every individual of the campus.

The usage of plastic material have been restricted

The parking area of our campus for 4-wheelers and 2-wheelers are well designated. In the campus, usage of motorizing of 4-wheelers and 2-wheelers are prohibited. As an alternative step staff and students are encouraged bicycling between the inter-buildings of the campus.

The shade giving trees are nursed and developed and this is the continuous process which inculcates the ecosystems in and around the campus.

To promote Green Initiative we are providing twenty free bicycles to travel for male and female.

College bus facilities are provided to avoid car usage.

To promote Green Initiative plastics are restricted inside our Campus such as plastic photos are avoided.

To promote Green Initiative for Paperless campus data's are uploaded in the ERP.

To promote Green Initiative sufficient number of trees and plants are available inside the campus.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 1.44

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
9.32	10.12	14.02	12.22	12.26

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 14

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	5	2	3	2

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 19

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	6	3	2	1

File Description	Document
Report of the event	View Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 27

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony

and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
13	6	4	2	2

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

National festivals in India were celebrated with as much pomp and show as the religious festivals of different states. In India Republic Day, Independence Day, and Gandhi Jayanthi are gazetted public holidays. Teachers Day and Children's Day also come within the ambit of national integration as they honor distinguished leaders of our country with a nationwide celebration. National festivals in AMSCE have a distinctive quality which sets them apart from other festivals. AMSCE steps up preparations to mark the occasion, mobilizing all of its resources at each level of administration.

Engineer's India, we celebrate National Engineer's Day on September 15, the birth anniversary of Mokshagundam Visvesvaraya, who is considered one of the finest engineers of the country. "Role of Engineers in a developing India" is the theme of Engineers Day. On the Engineers Day, All department students displayed their innovative projects and the best projects would be awarded by the chief guests.

Constitution Day - The Government of India had declared 26 November as Constitution Day as on this day in 1949, the Constituent Assembly of India adopted the Constitution of India, and it went into effect on 26 January 1950. Dr. Ambedkar is the Father of Constitution of India. On this day seminars, dabates and quiz would be conducted and the winner will be given prizes.

Republic day and Independence Day are the two major events of Independent India. On this day distinguished speakers would be called to hoist the flag and motivate the students. Prizes will be given to the students and staffs for academic excellence.

Gandhi Jayanthi was celebrated on October 2. On this day students visited the nearby slum area and cleaned all the garbage in the neighborhood. Also people were informed about the awareness of various diseases caused by polluted environment and the need for keeping the environment clean. In this regard,

many small saplings were planted in the neighborhood.

Anniversary celebration of Indian Air Force Association was conducted on December 14, 2018. Air Marshall from IAF was invited for the gathering. Our Trustee Administrator Felicitated the Chief Guest. The Chief Guest briefed the students about the importance of pursuing a career in IAF.

To show tribute to Pulwama soldiers, two minutes silence was observed by all Faculty members and students on Graduation Day.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The Institution maintains complete transparency in its financial, academic, administrative and auxiliary functions.

Financial Transparency

The fee of the students is deposited through accounts office, on-line banking system and also in DD form. The fees structure slip is given to the students. The amount of salary of all the staff members is made in their bank account. Salary slip is given to each staff members. AMSCE have internal and external auditors to audit the all financial activities for every year. AMSCE have maintained the proper balance sheet.

Academic Transparency

Rules and regulations form are given to the students at the time of induction day. Important notices are regularly posted in the college website to ensure complete transparency in all its functioning. Academic Committee Team is formed comprising of Heads of different departments along with Principal and Vice-principal. The committee takes decision regarding any academic issue and the decision is communicated to all the teaching and non-teaching staffs.

Administrative and Auxiliary functions Transparency

The faculty recruitment takes place through standard procedures and guidelines set by AICTE. The Advertisement is given in a standard state newspaper and the College website. The staff is recruited by the Top management committee comprising of Trustee Administrator, Principal, Vice-Principal along with Heads of other department and some Experts from outside. The increment is awarded based on the appraisal form filled by faculty for the academic year. All administrative function is performed through proper circulars from the Principal Office and is communicated through the Notice boards of all the departments.

All **Auxiliary Functions** regarding any purchase or development activity is conducted through a staff counsel meeting comprising of Top management, Principal, Vice-principal, Experts from outside, Teaching and Non-teaching staffs etc. The information is then communicated through circulars, read in all class rooms, Notice board, and College website. Further the proctors communicate individually to the student/parent regarding any personal information.

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

BEST PRACTICE – 1

1. Title of the Practice:

Providing Financial Aid through different sources to the deserving students by the college.

2. Objectives of the Practice

- Aalim Muhammed Salegh College of Engineering is much concern and takes truthful initiatives for the student community to continue their studies in our campus. We profile the candidates who join various courses in our college.
- We analyze the database and shortlist the candidates coming from the rural areas with low economic back ground. The basic concern for candidate's eligibility is the parent who is Daily Wages labour or farm Agriculture worker and unable to provide them a sustained financial support and the not assured income. So, the Management has decided noble objectives of the practices towards providing financial support to the deserving candidates.

3. The Context

- The financial Aid is a social cause task to the needy students. It has its own versions of challenges and troubles in designing and implementation under socio-economic disparity.
- Our students are from rural areas and majority is minority students. There are optimum number of students are deserved to be beneficiary of the Financial Aid. The constraint of this practice is that the inflow and out flow of funds from the sources (NGOs, Alumnus, etc) and to the destinations (student community) and its management.

4. The Practice

- The Financial Aid is a supportive solution mechanism for a socio-economic imbalance in terms of Money and employment opportunity. The rate of dropouts of college going students is increased

due to the above said scenario. This made the management to adapt the practice in the campus.

5. Evidence of Success

- The success practice lies on the coordination and cooperation of the supportive team members such as the students, Faculty members, Management and the Alumnus of the campus. As a result, our institution provided financial aid for 4096 and 937 students through government organizations and Non-Government Organizations (NGOs) respectively.

6. Problem encountered and Resources Required

- In the beginning of designing the best practice, some groups of the students opposed the idea that the welfare scholarship holders too should be given the opportunity.
 - To identify the right student from the pool of candidates is a tough task.
 - We faced difficulties on deciding the criterion for the financial aid.
 - Verification of the financial backwardness of the aspirants was yet another challenge.

BEST PRACTICE – 2

1. Title of the Practice:

PALPAP – Student Progress Management System

2. Objectives of the Practice

- An ERP – InsPro Plus Powered by PALPAP system helps the Faculty members, HOD and Principal to monitor the progress and academic performance of the students.

3. The Context

- PALPAP maintains digital records of students like Personal and Admissions Details of Students, Daily Attendance, On Duty Records of Students for Workshop / Conferences/ Symposium / Sports, Daily Practice Test Marks, Internal Assessment Performance, Model Examinations Marks, and University Examinations Results.

4. The Practice

- Every activity of the student is continually updated in PALPAP. Updating PALPAP is considered as an integral part of the academic process. It is online portal, so retrieval and updating of information is convenient.
- With this PALPAP, the Academic Performance and Attendance of the Students are intimated to their parents through SMS.
- The display of different reports in the Department Notice boards will encourage the students to improve their attendance.

5. Evidence of Success

- Monitoring and tracking of student's performance is enabled using PALPAP. Reports can be generated at any instant and allows the Faculty Members/Head of the Department/Principal to analyze and evaluate the Academic Performance of Students.

6. Problem encountered and Resources Required

- The Students details have to be updated continually, delay in updating of details leads to ambiguity and incomplete information.
- Corrupt or Damage of Hard disk leads to loss of data and it is addressed by frequent back-ups.
- The software has to be updated regularly; otherwise it may slow down the process.
- PALPAP Server has to be monitored closely; unauthorized updating has to be avoided.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The Institution's vision is to impart quality education in Engineering discipline among the minority female students, backward and semi urban community students in Industry clustered region.

In order to visualize the distinctive vision, the college encourages the research attitude and culture among the students and faculty members by the way of Research seed funding and initiating the innovation projects.

The distinctive vision of our Institution is to produce students as Industry ready candidates with in scope of the exiting curriculum restrictions. So, institution has initiated to enrich the Learning Capacity of Students and outcomes are measured with Research and Development capabilities. As a result of this new research areas of students and faculty members were identified and the institution seeds fund to research papers and projects.

At the mark of better start, Project Expo – 2016 has been conducted and all the final year students and selective 2nd & 3rd year students of Engineering departments have displayed the research projects in that event.

An International Conference called IIASE – 2017 4th & 5th March 2017 held at our campus The selected students were exposed and inculcated to do research Paper of m their selected domain.. The outcome of

this initiative was evidenced through nearly 100 research papers presented and included in the conference proceedings.

The rapport is enriched by identifying good research problems through more number of sittings by R & D team members along with dedicated and optimistic students from the pool of students from various departments.

Three domain area based research topics were identified and are:

1. Robotic Car Race
2. Engineering Safety and Security through Rectification
3. Innovative Electrical Power Production
4. Modern Engineering Car Production with Eco- friendly Engine set up.

The institution encourages research and development activities and supports faculties to publish paper in journals. Our Faculty members have published many papers in reputed journals. Through the seed funding practice, our Faculty members have presented technical papers in International Conference in Shanghai, China. Those selective problem were nurtured into research outcomes and own national and International Awards and rewards. The Institution also seeded funded.

As a result many of our students / Faculty members participated and won prizes in state and national level competitions.

- With help of in-house Faculty Development Programme and research support mechanism supported by our institution, our faculties have received funds for TNSCST Project.
- Two of our faculties have been selected for pre-final in vishvakarma awards 2018.
- Our institution is a recognized partner institute of Pan IIT Alumni Leadership series (PALS).
- Mechanical Engineering student won 1st prize in World Robotics Championship (TechnoXian '2017) held on 13.04.2017
- Mechanical Engineering students have received award for best Acceleration in the event Rally Car Design Challenge (RCDC) held in Bikaner, Rajasthan at February 2018.

- Our Student won 1st prize in roborace event, a national level technical symposium (maroe 2k15) held at Arignar Anna institute of science and technology on 13-03-2015.
- Our team Emblaze, Students of EEE Department won first runner-up for Smart solar rail track fault detection system in Grand finale of Smart India Hackathon 2018.
- Our student MOHAMMAD NAWAZ of ECE Department has done a GUINNESS WORLD RECORDS in college campus by Performing “The Longest Power“Strip” (Number of Sockets is 50) in 2018.
- The consequence of the above said achievement institution has received Best Engineering College Award from Honourable Minister of HRD-Govt of India conducted by Asia educational Summit 2017.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Our students are bringing laurels to our college by winning Robotic Competitions in all the prestigious institutions like IIT's, NIT's and Anna University.

Our College acts as NPTEL Local Chapter and many of our Teachers and Students have cleared NPTEL courses.

Our college was adjudged “**Participative Excellence Award**” and “**Responsive Aligned Proactive interactive dedicated Partner Award**” from PAN IIT Alumni Leadership Series (PALS) an IIT Madras Alumni Initiative.

We have conducted best value added courses for our Students on “Oil & Natural Gas Process Operations” by Er. V Sundaram Former-Deputy GM, ONGC, India.

We conduct FDP Programs regularly in our college to enhance the teaching and learning and invite teachers of other campus for participation without any fee.

Our college has received Chronicle and Times of India Engineering Survey rankings.

We have a dedicated Cricket field for our students, Other corporate companies and District cricket board are also utilizing it as a venue to conduct many district level matches.

Our Students are Excelling in Anna University level Sports.

We have a dedicated multi power GYM for our Hostel Students.

Under SWACH BHARATH Scheme we have adopted a nearby Village and two modern Toilets were constructed.

Under the theme giving back to the society we are educating nearby Govt. Schools the importance of Higher Education and we also provide free transport and food for the Polio Drops Campaign in rural villages , knowledge sharing was done with nearby KV Schools.

Our teachers interacted with alumni, during last Alumni General Body meeting and we were successful in convincing alumni members the meaning of “Helping Needy”, consequence to this, the alumni association has taken unanimous decision with a overwhelming support had initiated a scholarship scheme for the needy current students.

Concluding Remarks :

We are indeed grateful to esteemed NAAC for giving an opportunity for self assessment which unfolds the self strength and self weakness in this critical evaluation process, we the faculty members as one unit with single goal to accumulated data collection and its segregation to achieve our target to the possible extent.

This process will help us improve to augment in developing and caring the stakeholder's viz. Parents, Students, Faculty members, Alumni, Industry and Society, at large the Nation.

Our campus is the best embodiment of Equality, Secular and Human value based Environment, wherein all layers of the society can grow equally, with significant message "Unity in Diversity".

NAAC