



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
Name of the head of the Institution	Prof Dr M AFZAL ALI BAIG
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04426842086
Mobile no.	9444765128
Registered Email	principal@aalimec.ac.in
Alternate Email	s.sathish@aalimec.ac.in
Address	Nizara Educational Campus, Muthapudupet Avadi IAF Chennai 600055 Mobile No 9842081297
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	600055

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Prof. Dr. S.Sathish, IQAC Coordinator / Prof. Dr. N.R. Shanker, IQAC Director
Phone no/Alternate Phone no.	09444200777
Mobile no.	9894260193
Registered Email	iqac@aalimec.ac.in
Alternate Email	s.sathish@aalimec.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.aalimec.ac.in/iqac/#aqar
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4. Whether Academic Calendar prepared during the year

if yes, whether it is uploaded in the institutional website: Weblink :	http://aalimec.ac.in/wp-content/uploads/calendar2018_2019.pdf
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5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	2.67	2019	18-Oct-2019	17-Oct-2024

6. Date of Establishment of IQAC	30-Jan-2013			
7. Internal Quality Assurance System				
Quality initiatives by IQAC during the year for promoting quality culture				
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries		
NAAC Readiness	25-Apr-2019 01	1455		
Audit Calendar finalization for NBA/NAAC Accreditation	04-Mar-2019 01	1455		
Appointment of Internal Audit Members for each Department	04-Mar-2019 01	1455		
Orientation of importance of NBA/NAAC Accreditation	04-Mar-2019 01	1455		
Green Campus initiative	10-Dec-2018 01	875		
Remedial Class for average Performers	10-Dec-2018 01	582		
To Train the Students as per Industry requirements	10-Dec-2018 01	872		
Entrepreneur Development Cell (ED Cell)	14-Sep-2018 01	873		
Pan IIT Alumni Leadership Series (PALS)	14-Sep-2018 01	437		
AICTE Innovation Club	14-Sep-2018 01	873		
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.				
Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Aalim Muhammed Salegh College of Engineering / Dept. of Mechanical Engineering / Prof. Dr. Anjan Kumar Sahu	Student Project Scheme	Tamil Nadu State Council for Science and Technology	2018 180	7500
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes			
Upload latest notification of formation of IQAC	View File			
10. Number of IQAC meetings held during the year :	4			
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes			
Upload the minutes of meeting and action taken report	View File			
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No			
12. Significant contributions made by IQAC during the current year(maximum five bullets)				
• Encouraged Students and Faculty members to pursue NPTEL courses and other MOOCs (Massive Open Online Course). • Internal Quality Audit conducted to evaluate the Learning and Teaching process and other Administrative activities • Conducted Aspiring Minds Computer Adaptive Test (AMCAT) New initiative to enhance students' placement. • Encouraged Faculty Members to apply for Patents Publications. • To improve Academic - Industry relationship by MoU's with reputed industries				
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year				
Plan of Action	Achivements/Outcomes			
To involve the	Prof. Dr.K.Suresh Kumar NSS Programme Officer of our College Ms.S.Gayathri,			

students in Social activities	Asst.Prof. / Mathematics coordinated Eco awareness rally for rejuvenating the Watershed Lake at Kakkalur Village, Thiruvallur Town with 37 NSS volunteers organized on 03.02.2019
To involve the students in Social activities	Installation of CCTV Cameras in Township about the safety and importance of security Awareness Rally was organized on 07.02.2019 with the participation of 130 Students Volunteers under the aegis of Tamil Nadu State Police
To involve the students in Social activities	Awareness Rally of 9th National Voters Day celebrations on 25.01.2019 on our Campus, nearly 150 Student Volunteers participated in the procession with the placards in and around Muthapudupet and Local Railway Station. Our Secretary and correspondent Alhaj S.Segu Jamaludeen and Avadi Thasildar Mr.Madhankuppuraj and the Deputy Thasildar have participated. National Voters day oath was Administered.
To involve the students in Social activities	Two Modern Toilets were constructed in the Palavedu Village, Tiruvallur District under Swachh Bharat National Scheme with our own Funds
To involve the students in Social activities	Five villages were adopted by NSS unit of our college under the scheme"Unnat Bharat Abhiyan" initiated by MHRD.
To Conduct Faculty Development Programme (FDPs) on Research and Development	Live online FDP on "Reference Management and Knowledge Organization" for Journal Writing during 07-01-2019 to 11-01-2019. 127 participants got benefited.
To Conduct Faculty Development Programme (FDPs) on Research and Development	Live online FDP on "Research Paper Writing" using Journal Tools during 01-11-2018 to 05-11-2018. There were 193 beneficiaries
Initiatives on Technical and Professional Development Skills enhancement for Faculty Members	Industry Institution Interaction Programme under the stewardship of Pan IIT Alumni Leadership Series (PALS) to learn the first hand report of Industry behavior and Intellectual requirement
Initiatives on Technical and Professional Development Skills enhancement for Faculty Members	In the Odd and Even semesters of 2018 2019, 11 Faculty Members completed FDP and 63 students have completed the NPTEL online courses.
Initiatives on Technical and Professional Development Skills enhancement for Faculty Members	Faculty Development Programmes were organized in the areas of: Outcome Based Education, Innovative Teaching Pedagogy under the aegis of ICT Academy, Chennai.

[View File](#)

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	10-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	PALPAP ERP Software is campus automation software which was developed for Education Institution under the idea of "Single Application to Serve All". It's a webbased application that can be accessed worldwide. It covers student Enquiry, Admission, Student Profiling, StudentBased Timetable Generation with their assessment details semester wise, online fee payment, COE result processing with result publication and the mentoring system for tracking students' performance, various reports for analytics, along

	<p>with a Mobile app for both Students and Faculty. Hence PALPAP also helps us to achieve a paperless environment inside the campus. This ERP has modules for Admissions, Faculty, Students, Internal Assessments, Transport, Finance, Hostel, Alumni, etc. Fullfledged solutions are provided to our stakeholders. A major setoff customized reports are possibly available for various levels of information retrievals. With the Streamlined Technologies integrated with Artificial Intelligence and Machine Learning prevents miscellaneous errors by automation and PALPAP provides a userFriendly Software. The operational modules used are: 1. Admission Customize Preadmission management to suit the process that we need, with custom forms and builtin lead management style system. 2.Attendance Ability to view attendance history receive notification of absence. Send notifications to parents via SMS, email or inapp notifications. 3. Mark Digitalized performance analysis of the students, Manage the marks and grade with the ease of technology support.Time saving system yet improved efficiency. 4.Finance Manage expenses and billing with integrated finance module. Manage suppliers and their billings. Distribute manage staff salaries. 5. HR Maintain a detailed employee file, with the ability to create custom data fields. Manage access to student data and other Edu marshal modules via each employee's portal. 6. Library Make our library operations more efficient. Rapid book issue and returns speed up simplify the process. 7. Transport Tackle the challenges of Transport fleet management with ease. Build your routes, define stops, and create fares for each stop. The printing of various official documents such as Transfer Certificates, Course Completion Certificates, etc. are effectively carried out with the help of PALPAP ERP Solutions. At the outset, Our ERP solutions save not only the time to process various business activities but also the optimal cost saving for Management processes and achieve environment free inside the campus.</p>
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Part B	
CRITERION I - CURRICULAR ASPECTS	
1.1 - Curriculum Planning and Implementation	
1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words	
<p>Aalim Muhammed Salegh College of Engineering has NAAC strategized ways and means of strengthening the process of Learning and Teaching in the following ways: • The formulation of Outcome Based Teaching Plan is prepared well in advance beginning and objective driven teaching plan is prepared in the beginning of every semester. • The academic calendar is planned in Academic Council Meeting and implemented in par with Anna University Academic schedule. • Subjects are allocated to the Faculty Members based on Competency Matrix, Experience, Area of Specialization and Performance in previous years. • The Time Table is prepared for the entire semester with the provisions for Value Added Programmes, Library hours, Seminars, Remedial Classes and Counseling. • Faculty Member prepares a Lesson Plan, Notes of lesson, Question Bank and Laboratory Manuals for their subject course for the academic year as per Anna University Syllabus. • Faculty Members are encouraged to attend Faculty Development Programmes(FDPs). • Faculty Members maintain the course file for the subjects taught which includes the documentation such as Vision and Mission statement, Syllabus, Lesson Plan, Notes of lesson, Internal Question papers, Assignments, Answer Keys, Answer Scripts etc., necessary for the implementation of the Academic action plan. The progress of the syllabus coverage with reference to Lesson Plan is monitored regularly at various levels of Academic administration • Student's attendance is monitored through Master Attendance Registers, ERP and individual course Faculty Member Log book. • The Internal Assessment Tests and Model Examinations are conducted before the commencement of University Examinations. The Institution conducts Academic Audit of Attendance Register, Internal Exams, Question Papers and Evaluation process • Class Committee Meetings are conducted thrice in a semester to review the progress of Syllabus coverage and Laboratory practices and to assess the level of Learning. • Systematic examination process, Standard question paper, proper and prompt evaluation and dispatching of reports to parents. Parents and Teachers meeting is held to discuss on performance of Students and Parental participation. • The Mentor / Mentee System focuses on a small group of students for mentoring to improve the performance of students on academics as well as personal developments for a better learning atmosphere. • Access to the Digital Library on all days is provided with e-Books and e-Journals. • Laboratories are well equipped and periodically updated beyond the syllabus to enable</p>	

<p>the students to gain practical knowledge to impart the curriculum implantation. • College provides all teaching tools for effective curriculum delivery such as LCD Projectors, Virtual Classroom and NPTEL, Lecture Capturing System (LCS), ICT. • The Fresher's are provided with Bridge Courses to understand basic concept of Engineering Mathematics and Engineering Sciences. Internal Quality Assurance Cell (IQAC) have identified measures for improving Learning - Teaching and Research Evaluation methods. These are monitored from time to time by the IQAC.</p>					
1.1.2 - Certificate/ Diploma Courses introduced during the academic year					
Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Problem Solving	0	10/07/2018	04	Employability	Yes
Basics of Solar Energy	0	05/02/2019	04	Employability	Yes
Microcontroller Based System Design	0	10/07/2018	04	Employability	Yes
Quantitative Aptitude Skill Development	0	10/07/2018	04	ENTRERENEURSHIP	No
0	Fundamentals of Semiconductor Devices	02/01/2019	120	Employability	Yes
0	Digital Circuits	01/07/2019	120	Employability	Yes
Robotics	0	25/02/2019	05	Employability	Yes
Networking	0	16/07/2018	05	Employability	Yes
Internet on Things	0	20/08/2018	05	Employability	Yes
Hexagon CAD Work and Analysis	0	13/02/2019	12	Employability	Yes
Powder Metallurgy	0	27/02/2019	08	Employability	Yes
Aptitude Enhancement Training	0	29/08/2018	08	ENTRERENEURSHIP	No
Piping Engineering and Design	0	22/08/2018	08	Employability	Yes
Heat Ventilation Air Conditioning	0	28/08/2018	08	Employability	Yes
0	Laws of Thermodynamics	01/08/2019	60	Employability	Yes
Aptitude Skill Training	0	09/08/2018	06	ENTRERENEURSHIP	No
Digital Marketing	0	07/02/2019	06	Employability	Yes
0	Database Management Systems	04/02/2019	87	Employability	Yes
0	Joy of Computing using Python	02/01/2019	120	Employability	Yes
0	Programming, Data structures and Algorithms using Python	01/08/2018	60	Employability	Yes
PHP Programming with MySql	0	06/08/2018	04	Employability	Yes
Python Programming	0	05/03/2019	04	Employability	Yes
Andriod Application Development	0	08/10/2018	04	Employability	Yes
Data Processing using MySql	0	28/08/2018	04	Employability	Yes
Photoshop and Animation	0	11/02/2019	04	Employability	Yes
Interpersonal Skills	0	03/09/2018	08	ENTRERENEURSHIP	No
Problem Solving	0	03/09/2018	08	ENTRERENEURSHIP	No
Aptitude Enhancement Training.	0	03/09/2018	08	ENTRERENEURSHIP	No
Human Resource Training	0	04/02/2019	08	ENTRERENEURSHIP	No
Strategic Management	0	04/02/2019	08	ENTRERENEURSHIP	No
Big Data	0	11/02/2019	04	Employability	Yes
Aptitude Enhancement	0	19/09/2018	04	ENTRERENEURSHIP	No

Tranining					
0	Programming in Java	02/01/2019	120	Employability	Yes
0	Joy of Computing using Python	02/01/2019	120	Employability	Yes
0	Programming,Data Structure and Algorithms using Python	01/08/2019	60	Employability	Yes
Speed Maths	0	05/02/2018	04	ENTRERENEURSHIP	No

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MCA	Computer Applications	02/07/2018
BTech	Information Technology	02/07/2018
BE	Mechanical Engineering	02/07/2018
BE	Electronics and Communication Engineering	02/07/2018
BE	Electrical and Electronics Engineering	02/07/2018
BE	Computer Science and Engineering	02/07/2018
BE	Civil Engineering	02/07/2018

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MCA	Computer Application	17/12/2018

1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1229	23

1.3 - Curriculum Enrichment

1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Practical Orientation by Field Engineers	13/08/2018	48
Construction cost Estimating and Cost control	13/08/2018	59
Practical Aspects of Construction	13/08/2018	35
Artificial Intelligence	23/01/2019	62
Block Chain Technology	06/09/2018	57
Robotics	06/09/2018	86
Robotics level-I	03/09/2018	95
Embedded System Design	03/09/2018	41
Circuit Design using Proteus	03/09/2018	92
Arduino Processor	21/01/2019	65

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1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MCA	Computer Applications	21
BE	Mechanical Engineering	64
BE	Computer Science and Engineering	3

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

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Feedback Obtained

Aalim Muhammed Salegh college of Engineering is having a well-defined and formal feedback system implementation at varied levels.

- **Internal Quality Assurance System (IQAS) by IQAC** The stakeholders include Industry Experts, Employers and Alumni. Their feedbacks are collected periodically and properly documented and then those feedbacks are validated and verified by IQAC. The IQAC Audit Team conducts IQAC meetings, the suggestions and feedback regarding Curriculum design and development, Pedagogy and Question setting, the effectiveness are taken for review and the necessary remedial actions are suggested and are implemented. The Audit outcomes are reviewed further and suggestions such as Workshops, Seminars and Industrial Visits, Internships are sorted out and communicated to the respective department through Heads of Department.
- **Course Feedback from Students and Teachers** The feedback from students is collected for each Subject on content delivery, assessment, and evaluation, syllabus coverage. Feedbacks are analyzed and corrective action will be taken on any deficiency of the Faculty Members. The Faculty Member's views and suggestions are collected and analyzed. The necessary Course of action will be taken for sorting out the issues expressed by the Students.
- **Class Committee meeting Feedback** The Class Committee Meeting (CCM) provides opportunity for the students to voice their concern on the Academic Proceedings, Curriculum, Faculty members, Laboratories and Opportunities for personal and professional growth. The CCM is for identifying opportunities to make more efficient and also to refine the quality of Learning and Teaching. These meetings are conducted thrice in a Semester. The action taken report on academic related issues will be taken into considerations and executed instantly.
- **Alumni Feedback** The focus of Alumni feedback is 360 degree evaluation on Academics, Curriculum, and Events etc. The feedback is collected online through Email, Social Media, and Google forms during their visit to Alumni meets and convocations. The Alumni conduct events such as Seminars, Workshops, and Guest Lectures periodically there by inculcating Industrial Technological advancements with our campus Students. They provide Financial Assistance through the economically weaker and deserving Students. Further, they extend their support in facilitating placement activities.
- **Parent's feedback** Our Institution collects feedback from parents/guardians and also through the Parent - Teacher meetings. The meeting will be convened once in a semester at the Department level to gather feedback from the parents on various aspects of the programme. Feedbacks will be accessed and discussed in Department level committee meetings, to takenecessary Course action along with the consent of IQAC Members. Also the feedbacks will be used to scrutinize and refine the policies to enhance the growth of the Institution.
- **Employer's feedback** Our Career Planning and Development Cell (CPD cell) does an effective planning and implementations of Employability Skill Development Programme through its own team for the Students. The In-house Placement Training Schedule will be planned in the Academic Council Meeting for the academic year. CPD Cell takes initiatives to organize trainings for Placement Drives through TCS -NQT Training, AMCAT, etc. The feedback from the Employers are collected and recorded for every year.

CRITERION II - TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	60	47	21
BE	Computer Science and Engineering	120	142	63
BE	Electrical and Electronics Engineering	60	57	24
BE	Electronics and Communication Engineering	120	102	30
BE	Mechanical Engineering	120	130	59
BTech	Information Technology	60	55	15
MCA	Master of Computer Applications	60	25	20

[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1378	49	115	9	124

2.3 - Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
124	124	36	36	36	8

[View File of ICT Tools and resources](#)

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

The Student Mentoring system of our Institution plays a vital role that experienced Faculty Members are participated in training students, who are aspiring to enter the profession of engineering, cordial relationship and endowing guidance to the student community. The Mentor - Mentee system has been evolved with greater care and thought aimed to improvise the students. Mentor and mentee relationship help individuals, at various stages of their careers, learn, grow and excel in their fields. The mentor's role is to teach, guide and help shape the professional growth and learning of the mentee and to serve as a positive role model. In order to facilitate the students' progress and welfare, the Head of the Department will allocate a fixed number of students to a teaching Faculty Members of the department who shall function as Mentor for them throughout their period of study. Each mentor will have a maximum of 20 students allotted to him/her. The responsibilities of the mentor are: • Advice students in course registration, monitor their attendance and academic performance and counsel them periodically. • If necessary, the mentor may also discuss with, or inform the parents about the progress of the student concerned. • During the Course Registration Process, the mentor shall advise the mentee about the academic programme and counsel him/her on the number and nature of courses to be registered for in the ensuing semester, considering the academic background and career objectives of the mentee. • Mentors shall guide students having failed in examinations during the course registration process. • Mentors shall maintain an e-Record of each of his/her mentee, which shall contain information about the students' attendance, grades obtained in the End Semester Examinations, Continuous Assessment Tests, achievements if any in Curricular, Co-curricular and Extra-curricular activities, Medical History and disciplinary proceedings if any, taken against the student. • Mentors are requested to maintain close mentoring of mentee and provide moral support focusing on their personal betterment and future prospective. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1427	124	1:12

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
124	114	10	10	10

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.S.Sathish	Associate Professor	Outstanding Faculty Achiever Award, 2018, VIFA (Venus International Foundation), Tamil Nadu, India
2018	Dr.S.Sathish	Associate Professor	Distinguished Scientist (Bharatiya Eminence Award), S. C. Ray Educational Trust, West Bengal, India
2018	Dr.M.Amanullah	Associate Professor	Concurrency and Computation Practice and Experience- Wiley International Journal Reviewer , 2018
2018	P. Ganesh	Assistant Professor	Elite level in NPTEL Course on Joy of Computing Using Python, Jan-Apr, 2019
2018	A. Juvin Paula	Assistant Professor	Elite level in NPTEL Course on Introduction to Solid State Physics, Jan-Apr, 2019

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2.5 - Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	205	IV/II, VI/III	22/03/2019	24/06/2019
BTech	205	II/I	22/04/2019	24/06/2019
BE	103,104,105,106,114	IV/II, VI/III, VIII/IV	22/03/2019	24/06/2019
BE	103,104,105,106,114	II/I	22/04/2019	24/06/2019
MCA	621	V/III	17/10/2018	18/01/2019
MCA	621	III/II	17/10/2018	12/02/2019
BTech	205	III/II, V/III, VII/IV	17/10/2018	18/01/2019
BE	103,104,105,106,114	III/II, V/III, VII/IV	17/10/2018	18/01/2019
BTech	205	I/I	10/12/2018	18/01/2019

BE	103,104,105,106,114	I/I	10/12/2018	18/01/2019
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2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the Academic calendar, the Institute conducts three Internal Assessment Examinations and one Model Examination to evaluate the students academically. Each department has separate Centralized Exam Cell to conduct university examinations. The Exam Cell is headed by a Senior Experienced Faculty Member as Exam Cell Coordinator, to take care of all examinations activities. The Exam cell prepares exam schedule, the Invigilator 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 randomly by the Exam Cell Coordinator. Once the exams are over answer scripts are evaluated in the exam cell by the respective Faculty Members within 2 days from the date of Examination. Evaluated answer scripts are given to the students for verification and corrections and answers, to enhance their ability. 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) so that any time it can be viewed/verified by the Faculty Members /Head/ Principal. The Principal conducts Review Meetings department wise to give necessary feedback for the improvement of students’ performance. Whenever necessary, the Students Mentor shall recommend the visit of the parent to the college for a discussion about the Students performance. Remedial Classes are conducted for the slow learners. RE-Examinations are conducted for the absent students.

2.5.3 - Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

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 process for the same is taken by Head of the Department and Principal after wide discussions. The academic calendar is given to all Faculty Members before commencement of the semester. Based on the academic calendar Teaching / Lesson plan is prepared. The lesson plan generally highlights the content, Methodology, Faculty Members approach and total lectures for completion of the curriculum with in a stipulated time. 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 Member and batch-wise details are specified in Laboratory Schedule. Effective monitoring of the lesson plan schedules are taken care by the Head of the Department and as well as academic auditors.

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 in website of the institution (to provide the weblink)

https://www.aalimec.ac.in/wp-content/uploads/2020/10/MECH-DEPT_PEO_PO_CO.pdf

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
621	MCA	Master of Computer Applications	29	29	100
205	BTech	Information Technology	25	16	64
114	BE	Mechanical Engineering	126	85	67
106	BE	Electronics and Communication Engineering	93	61	66
105	BE	Electrical and Electronics Engineering	57	28	49
104	BE	Computer Science and Engineering	81	50	62
103	BE	Civil Engineering	59	26	44

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2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.aalimec.ac.in/2-7-0-student-satisfaction-survey-update/

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research					
3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations					
Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year	
No Data Entered/Not Applicable !!!					
View File					
3.2 - Innovation Ecosystem					
3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year					
Title of workshop/seminar		Name of the Dept.		Date	
Awareness Programme on Patents Filing		Civil,CSE,ECE,EEE,IT,MECH		20/08/2018	
Guest Lecture on Structural Dynamics		Civil Engineering		13/08/2018	
Workshop on Web Development		Computer Science and Engineering		27/02/2019	
Workshop on Database Management System		Computer Science and Engineering		27/02/2019	
Guest Lecture on Networking		Computer Science and Engineering		14/08/2018	
Seminar on Higher Studies		Computer Science and Engineering		13/08/2018	
Seminar on Core Java		Computer Science and Engineering		13/08/2018	
Seminar on Awareness on Internship		Computer Science and Engineering		07/08/2018	
Workshop on Coding Bootcamp		Computer Science and Engineering		03/08/2018	
Seminar on Big Data Analytics		Computer Science and Engineering		31/07/2018	
Workshop on Digital Signal Processing Tools Intergrated Development and Debugging Environment		Electronics Communication Engineering		10/11/2018	
Technical seminar on Cloud Computing in AWS		Information Technology		07/08/2018	
Online Internship Programme on Big Data Analytics		Information Technology		31/07/2018	
Webinar on M.E.A.N (MongoDB, Express, Angularjs, Nodejs)		Information Technology		30/07/2018	
Engineers Day Celebration		Civil Engineering		15/09/2018	
3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year					
Title of the innovation		Name of Awardee	Awarding Agency	Date of award	Category
Center For Advanced Research Design		Dr. S.Sathish	Venus International Foundation	07/07/2018	Outstanding Faculty In Engineering
Construction Industry Awards 2018 / Paper Presentation		Karthick.D	Construction Academy	29/05/2019	First Place
Moments18/ Paper Presentation		Karthick.D	NIT Tiruchirappalli	07/10/2018	First Place
Moments18 / Bridge - IT		Karthick.D	NIT Tiruchirappalli	07/10/2018	First Place
Civilisation 19/Defacto		Alameen S Naseeruddin . A	Anna University	03/05/2019	Second Place
Longest Power Strip		Mohammed Nawaz	Guinness World Records	11/10/2018	Guinness World Record
Tathva'18 / Collision Course		Abu Thakir	NIT Calicut	14/10/2018	Third Place
Tathva'18 / Transporter		Abu Thakir	NIT Calicut	14/10/2018	Second Place
Shasstra 2019 / Manual Robotics		Dhanapal M	IIT Madras	15/02/2019	Second Place
Spark 18 / Robo Race		Baranitharan .R	MIT Campus	28/09/2018	First Place
View File					
3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year					
Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					
3.3 - Research Publications and Awards					
3.3.1 - Incentive to the teachers who receive recognition/awards					

State	National	International	
12	0	05	

3.3.2 - Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	2	0.43
International	Electronics and Communication Engineering	5	0.79
International	Information Technology	1	5.8
International	Mechanical Engineering	3	4.36
International	Science and Humanities	3	0.45

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3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Civil Engineering	6
Computer Science and Engineering	8
Electronics and Communication Engineering	3
Electrical and Electronics Engineering	9
Information Technology	1
Mechanical Engineering	13
Science and Humanities	20

[View File](#)

3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Drilling Performance and wear characteristics of coated drill bits during drilling Reinforced concrete	S.Sathish Ramkumar	International Journal of Applied Ceramic Technology/SCI	2018	6	Aalim Muhammed Salegh College of Engineering	1
A Thermodynamics Performance study of simple cooling and combined power Transcritical N2O Cycles	Anjan Kumar Sahu	International Journal for research in Engineering Application and Management/UGC	2018	0	Aalim Muhammed Salegh College of Engineering	Nill
A Review Paper on Smart Controller using Efficient Method for Reducing Energy Consumption in HVAC	R.Lavanya, Dr. N.R. Shanker	Journal Of Applied Science And Technology/SCOPUS	2019	0	Aalim Muhammed Salegh College of Engineering	Nill
Detection of Anemia Disease Using PSO Algorithm and LSP Texture Analysis	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2018	1	Aalim Muhammed Salegh College of Engineering	Nill
A Condition Monitoring System by Using Thermal Image	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2018	1	Aalim Muhammed Salegh College of Engineering	Nill
Data Security in Cloud Storage Using Elliptical Curve Cryptography	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2018	1	Aalim Muhammed Salegh College of Engineering	Nill
Geospatial Analysis of Terrain Through Optimized Feature	N.R.Shanker	Multimedia Tools and applications ,	2018	1	Aalim Muhammed	Nill

Extraction And Regression Model With Preserved Convex Region		Springer/SCOPUS			Salegh College of Engineering	
Detection of anemia disease using DPSO algorithm	N.R.Shanker	ARPN Journal of Engineering and Applied Sciences/SCOPUS	2019	1	Aalim Muhammed Salegh College of Engineering	Nill
A Novel Approach for Privacy Preservation in Bigdata using Data Perturbation in Nested Clustering in Apache Spark	R Vimala	Journal of Computational and Theoretical Nanoscience/SCOPUS	2018	0	Aalim Muhammed Salegh College of Engineering	Nill
Scalable Muticasting through Hexazonal Zone based Structure over Mobile Adhoc Networks	R Shankar	Journal of Internet Technology/SCI	2018	0	Manomaniam Sundaranar University, India	Nill

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3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Electronic and structural properties of ZnTe using density functional theory (DFT)	Ms.P.Ashwini	International Reasearch journal of engineering and technology (IRJET) /UGC	2018	Nill	1	Aalim Muhammed Salegh College of Engineering
Drilling Performance and wear characteristics of coated drill bits during drilling Reinforced concrete	S.Sathish Ramkumar	International Journal of Applied Ceramic Technology/SCI	2018	Nill	1	Aalim Muhammed Salegh College of Engineering
A Thermodynamics Performance study of simple cooling and combined power Transcritical N2O Cycles	Anjan Kumar Sahu	International Journal for research in Engineering Application and Management/UGC	2018	Nill	Nill	Aalim Muhammed Salegh College of Engineering
A Review Paper on Smart Controller using Efficient Method for Reducing Energy Consumption in HVAC	R.Lavanya, Dr. N.R. Shanker	Journal Of Applied Science And Technology/SCOPUS	2019	Nill	Nill	Aalim Muhammed Salegh College of Engineering
Detection of Anemia Disease Using PSO Algorithm and LSP Texture Analysis	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2019	Nill	Nill	Aalim Muhammed Salegh College of Engineering
A Condition Monitoring System by Using Thermal Image	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2018	Nill	Nill	Aalim Muhammed Salegh College of Engineering
Data Security in Cloud Storage Using Elliptical Curve Cryptography	N.R.Shanker	International Journal of Pure And Applied Mathematics/SCOPUS	2018	Nill	Nill	Aalim Muhammed Salegh College of Engineering
Geospatial Analysis of Terrain Through Optimized Feature Extraction And Regression Model With Preserved Convex Region	N.R.Shanker	Multimedia Tools and applications , Springer/SCOPUS	2018	Nill	Nill	Aalim Muhammed Salegh College of Engineering
Detection of anemia disease using DPSO algorithm	N.R.Shanker	ARPN Journal of Engineering and Applied Sciences/SCOPUS	2019	Nill	Nill	Aalim Muhammed Salegh College of Engineering
A Novel Approach for Privacy Preservation in Bigdata using	R.Vimala	Journal of Computational and	2018	Nill	Nill	Aalim Muhammed

Data Perturbation in Nested Clustering in Apache Spark		Theoretical Nanoscience/SCOPUS				Salegh College of Engineering
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3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	10	21	Nill
Presented papers	Nill	Nill	Nill	Nill
Resource persons	Nill	Nill	Nill	Nill

View File

3.4 - Extension Activities

3.4.1 - Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Special Annual Camp (2018-2019)	NSS	2	50
CCTV Camers Awareness Ralley	T8 Police Station Muthapudupet	20	140
IX National VoterS Day	Govt.Party	15	150
Sansad Adarsh Gram Yojana	Sansad Adarsh Gram Yojana	2	50
Gaja Relief	NSS	5	10
ECO Awareness Rally	NGO	4	37
Swachh Bharat Inauguration of Two Toilets	Swachh Bharat	8	40
Medical Camp	Apollo Hospitals	30	458

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3.4.2 - Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Academic Excellence Awards	Academic Toppers	Aalim Muhammed Salegh College of Engineering, Anna University, Chennai	77
SMART INDIA HACKATHON 2018 - HARDWARE EDITION Smart Rail Track Fault Detection	First Runner up Award	Under Ministry of Human Resource Development	6
NPTEL Online Certication Examination	Active SPOC from NPTEL	AICTE-Swayam NPTEL	49

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3.4.3 - Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Rejuvenating The Lake	NGO	Eco Awareness Rally	2	247
Swachh Bharat	Swachh Bharat	Toilet Opening	4	40
SAANSAD ADARASH GRAM YOJANA (SAGY)	SAGY	Cleaning the Village	2	40
H1N1 Virus Preventuve Campaign	NSS	Distribution of Nilavembu Kashayam	5	450
Plantation of Saplings	NGO	Plantation of Saplings	4	262

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3.5 - Collaborations

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
PALS Events	Mohamed Fuzail Rayyan.H	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Rajan.M.S	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Mohammed Waqqas.S	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Dr.Mohd.F.Shabir	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Muni Raja Chandra.P	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Ajmal.D	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Mohamed Al Thameem.T	Aalim Muhammed Salegh College of Engineering	01
PALS Events	Shiek Mohamed Riyaz	Aalim Muhammed Salegh College of Engineering	01
Reference Management Knowledge Organization for Journal Writing	Research Scholars & Faculty Members	Association of Civil Engineering	01
Research Paper Writing using Journaling Tools	Research Scholars & Faculty Members	Association of Civil Engineering	01

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3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Inplant Training	Inplant Training	Bharat Engineering Construction Company Pvt. Ltd.	28/11/2018	30/11/2018	03
Industrial Visit	Industrial Visit	POONDI Reservoir	26/09/2018	26/09/2018	83
Industrial Visit	Industrial Visit	Xcel corporation	04/03/2019	05/03/2019	60
Industrial Visit	Industrial Visit	National Atmospheric Research Laboratory	11/01/2019	11/01/2019	90
Internship	Internship	Info Gro Technologies	25/02/2019	06/03/2019	02
Internship	Internship	Shia#sh	01/01/2019	01/02/2019	03
Industrial Visit	Industrial Visit	IIT Madras Research Park	16/02/2019	16/02/2019	65
Industrial Visit	Industrial Visit	Neyveli Lignite Corporation	09/01/2019	09/01/2019	65
Industrial Visit	Industrial Visit	North Chennai Thermal power station (NCTPS)	03/10/2018	03/10/2018	40
Industrial Visit	Industrial Visit	Neyveli Lignite Corporation	07/09/2018	07/09/2018	57

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3.5.3 - MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
K.J Research Foundation. K.J.Hospital Research Post Graduate Center	17/10/2018	Research Development	5
Suyam Charitble Trust	15/10/2018	Training Programs	21
Aspiring Mind Assessment Pvt. Ltd	20/09/2018	Placement Programme	146
Igrow Global Solutions Pvt. Ltd	20/07/2018	Training Programs	50
Yunona Tech Solutions Pvt. Ltd	24/08/2018	Training Programs	70
JIO	29/05/2018	Training Programs	60
Michelin India Private Limited	06/10/2018	Training Programs	110

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
17.41	15.87

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

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4.2 - Library as a Learning Resource

4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Inspro Plus ERP 6.1	Fully	6.1	2013

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10640	3781186	112	26717	10752	3807903
Reference Books	90	42676	18	7757	108	50433
e-Books	420	Nill	93	Nill	513	Nill
Journals	84	2790342	84	184175	168	2974517
e-Journals	6	Nill	1	13570	7	13570
Digital Database	1	Nill	1	Nill	2	Nill
CD & Video	2720	Nill	Nill	Nill	2720	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
Weeding (hard & soft)	648	Nill	130	Nill	778	Nill
Others (specify)	5	3596	Nill	Nill	5	3596

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4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Mohd F Shabir	Engineering Graphics	Google Classroom	20/06/2018
Dr. Mohd F Shabir	Power Plant Engineering	Google Classroom	20/06/2018
Dr. S. Sathish	Engineering Materials and Metallurgy	Google Classroom	05/08/2018
Dr. Anjan Kumar Sahu	Fluid Mechanics and Machinery	Google Classroom	05/08/2018
Dr. Anjan Kumar Sahu	Metrology and Measurements	Google Classroom	10/08/2018
S. Ramkumar	Computer Integrated Manufacturing	Google Classroom	05/08/2018
S Ramkumar	Principles of Management	Google Classroom	08/08/2018
E Jeyabalan	Design of Machine Elements	Google Classroom	07/08/2018
Ayaz Ahmed	Manufacturing Technology I	Google Classroom	05/08/2018
Ayaz Ahmed	Unconventional Machining Process	Google Classroom	08/08/2018

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4.3 - IT Infrastructure									
4.3.1 - Technology Upgradation (overall)									
Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	590	11	590	10	12	8	18	100	0
Added	0	0	0	0	0	0	0	0	0
Total	590	11	590	10	12	8	18	100	0
4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)									
100 MBPS/ GBPS									
4.3.3 - Facility for e-content									
Name of the e-content development facility				Provide the link of the videos and media centre and recording facility					
LMS				http://www.aalimec.ac.in/elearning/					
4.4 - Maintenance of Campus Infrastructure									
4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year									
Assigned Budget on academic facilities		Expenditure incurred on maintenance of academic facilities			Assigned budget on physical facilities		Expenditure incurredon maintenance of physical facilites		
17.41		15.87			30.97		28.15		
4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)									
<p>• A Campus Engineer is employed for the purpose of maintenance and upkeep 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 theoperationability of equipment in laboratories. • Library is equipped with Insproplus Automated Book Repository Administration System, updated versions, 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 books transactions. The library users can use this application 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. • Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, Volleyball, Throwball, Kho-Kho, Shuttle cock, Badminton to ensure the focus of the institute in providing extra-curricular activities to the students. District level cricket matches and Anna University Zonal Matches are often hosted on the Campus. • A 20kWp Solar Power Grid has been installed on the roof of the EEE Department. It satisfies the energy requirements of EEE, ECE Women’s Hostel. It provides the energy based on the pollution free environment and further reduces the power consumption of the HT Station thereby enhancing the energy efficiency of the campus. • Operationability report of all the equipment 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 maintained within a minimum time and 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 serviced. Gardeners and supporting workers are maintaining the college landscapes.</p>									
http://aalimec.ac.in/NAAC/C4/4.4.2-updated.pdf									
CRITERION V - STUDENT SUPPORT AND PROGRESSION									
5.1 - Student Support									
5.1.1 - Scholarships and Financial Support									
	Name/Title of the scheme						Number of students	Amount in Rupees	
Financial Support from institution	Aalim Muhammed Salegh College of Engineering / Tuition other Fee Waiver						562	13696000	
Financial Support from Other Sources									
a) National	BC/MBC Welfare Scholarship, SC/ST – GOI Post Matric Scholarship						266	3860745	
b) International	First Generation Graduate - Fee Waiver						357	7880000	
View File									
5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,									
Name of the capability		Date of	Number of	Agencies involved					

enhancement scheme	implemetation	students enrolled	
Guidance for competitive examinations	01/07/2018	1427	Aspiring Minds, Chennai, Career Planning and Development Cell of our College.
Career Counseling	01/07/2018	1427	Aspiring Minds, Chennai, Career Planning and Development Cell of our College.
Soft Skill Development	01/07/2018	1427	Career Plannnng and Development Cell of our College and Centre for Soft Skill Training Programme of our College
Remedial Coaching	01/07/2018	512	Faculty Members of our College
Language Lab	01/07/2018	715	English Department Faculty Members of our College
Bridge Course	01/07/2018	44	Faculty Members of our College
Personal Counseling	01/07/2018	1427	Mentors
Yoga and Meditation	01/07/2018	1427	Eminent guest from Industry/Academia will be the trainer.

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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guidance for Competitive Examinations and Career Counseling	1427	1427	441	236

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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassmt and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
8	8	4

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
M/s. COGNIZANT TECHNOLOGIES SOLUTIONS 115/535, Old Mahabalipuram Road,Okkiam Thoraipakkam, Chennai - 600 097 M/s. COGNIZANT TECHNOLOGIES SOLUTIONS 115/535, Old Mahabalipuram Road,Okkiam Thoraipakkam, Chennai -	46	2	M/s. ROBERT BOSCH No 123, Industrail Solutions, Hosur Road, Koramangala, Banagalore - 560 095 h: 080 6657 5757	6	1

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5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	Bachelor of Engineering	Civil Engineering	Anna University	M.E -ENVIRONMENTAL ENGINEERING
2018	1	Bachelor of Engineering	Civil Engineering	Anna University	M.TECH-INDUSTRIAL SAFETY AND HAZARD MANAGEMENT
2018	1	Bachelor of Engineering	Civil Engineering	B.S. Abdur Rahman Crescent Institute of Science and Technology	M. TECH CONSTRUCTION ENGINEERING AND PROJECT MANAGEMENT
2018	1	Bachelor of Engineering	Mechanical Engineering	MEASI INSTITUTE OF MANAGEMENT	MASTER OF BUSINESS ADMINISTRATION
2018	1	Bachelor of Engineering	COMPUTER SCIENCE ENGINEERING	INDIAN INSTITUTE OF TECHNOLOGY MADRAS	M.S MANAGEMENT STUDIES
2018	1	Bachelor of Technology	INFORMATION TECHNOLOGY	CONESTOGA UNIVERSITY CANADA	M.S APPLIED NETWORK INFRASTRUCTURE AND SYSTEM ADMINISTRATION

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5.2.3 - Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
TOFEL	1
Any Other	1

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5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
INTER DEPARTMENTAL BALL BADMINTON TOURNAMENT FOR WOMEN-2018-19	College	70
INTER DEPARTMENTAL BADMINTON TOURNAMENT FOR WOMEN-2018-19	College	35
INTER DEPARTMENTAL KHO - KHO TOURNAMENT FOR WOMEN-2018-19	College	72
INTER DEPARTMENTAL THROWBALL TOURNAMENT FOR WOMEN-2018-19	College	72
INTER DEPARTMENTAL CARROM TOURNAMENT FOR WOMEN-2018-19	College	21
INTER DEPARTMENTAL CHESS TOURNAMENT FOR WOMEN-2018-19	College	14
INTER DEPARTMENTAL CARROM TOURNAMENT FOR WOMEN-2018-19	College	18
INTER DEPARTMENTAL CHESS TOURNAMENT FOR MEN-2018-19	College	12
INTER DEPARTMENTAL TABLE TENNIS TOURNAMENT FOR MEN-2018-19	College	18
INTER DEPARTMENTAL CRICKET TOURNAMENT FOR MEN-2018-19	College	108

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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Third Place in 55 Kg Category Men Physique in 34TH SOUTH ZONE BODY BUILDING CHAMPIONSHIP - 2019	National	1	Nill	110115114112	D. VIJAYA DEVA

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5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution
(maximum 500 words)

Students of Aalim Muhammed Salegh College of Engineering are fortunate enough as the college encourages students to represent their views and ideas for the betterment and improvement in various academic, non-academic, and administrative activities through various Bodies/Committees. Many student councils are formed to facilitate academic and other activities such as Class Committee, Hostel Committee, SC/ST Students Committee, PALS Committee, Anti-ragging Committee, Women's Welfare Committee, Friends of College and Friends of Hostel Committee and Library Committee. Class Committee consists of nominated student members from a particular class. They will be representing their class in the Class Committee Meeting which will be held three times in a particular Semester. During the meeting they express their academic, non-academic issues if any, other grievances and suggestions for smooth functioning of academic activities, co-curricular and extra-curricular activities. Hostel Student Committee Members will be representing any issues related to hostels such as electricity maintenance, water facilities, dining hall maintenance, cleanliness in the hostel premises, in disciplinary activities if any. When there is a need, Hostel Student Committee Members help Hostel administrative authorities to solve the problems. SC/ST Students Committee periodically conducts meeting with students and convey the information regarding the benefits, schemes given by Central and State Governments. PALS (PAN Indian Institute of Technology Alumni Leader Series) Students Committee always encourages and informs their department students to take participation effectively in the various academic activities being conducted by PALS Organization. Anti ragging committee looks after the grievances of students who join first year in our college. This committee ensures the ragging free campus, always discourages any form of ragging and recommends taking stern action against the defaulters and make sure there is a stress free environment. Women Welfare Committee looks after the grievances of girl students. Periodical meetings will be held with member girl students along with senior Lady Faculty Members. The Committee Members listen patiently and address their problems. Friends of College (FOC) and Friend of Hostel (FOH) committees are volunteer bodies of students who come forward to facilitate college level academic programmes, functions, hostel events. Library Committee looks after the requirement of books, periodicals and journals sought by students for their B.E. study based on the Curriculum designed by Anna University and update developments of Central Library and Department Library among their fellow class mates. Students Council Members are encouraging their student's community in attending Soft Skill Training Programme (SSTP) and NPTEL Training which are being provided by our Faculty Members. Apartment from regular academics, SSTP and NPTEL Training impart variety of Social Responsibility Skills, Communication Skills, Human Values, Management of Emotional Intelligence, Acquiring in-depth knowledge in core subjects to our students. The student council members

<p>encourage their fellow classmates to take for effective participation in the events like Entrepreneurship Developmental Activities, National Service Schemes (NSS), HACKATHON, ROBOTICS, SYMPOSIUM, WORKSHOPS, Sports, Seminars and Webinars which have proved their inner talents by participating and winning many medals.</p>
<p>5.4 - Alumni Engagement</p>
<p>5.4.1 - Whether the institution has registered Alumni Association?</p>
<p>Yes</p>
<p>• Aalim Muhammed Salegh college of Engineering has fostered an environment of collaboration between alumni professors and the alma mater. • Our Alumni association, as a registered society, is being run by elected core members (Alumni) and supported by the teaching faculty. • The primary objectives of the association are</p> <ul style="list-style-type: none"> ◦ To facilitate a strong network/forum for interaction between the alumni, thereby helping each other for career guidance and higher studies. ◦ To bridge the industry and academia thereby encouraging creativity and innovation. ◦ To tap into the experience and expertise of the alumni towards kindling and enhancing the essential life skills of the alma mater. ◦ To bring together the institution and the alumni to serve the nation and all of humanity. ◦ To explore and harness the full potential of the technical advancements in realising all the above goals, thereby raising the profile of the institution <p>The following are the endeavours of our Alumni association:</p> <ul style="list-style-type: none"> • Creating and maintaining a alumni portal that acts as the database of alumni from different batches and branches of the college, their qualification, employment status also serves as a forum for technical/career discussion. • To liaise with the Teaching faculty and placement cell towards contributing for recruitment drives and the below mentioned activities. • Conducting seminars, conferences, workshops, lectures and other academic activities • Creating and establishing alumni endowments and granting scholarships, supporting rewarding the students showing high proficiency in their studies/projects. • Honouring the distinguished alumni of the College. • To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and thereby promote the welfare and status of the College. • To collect, sustain and replenish funds by means of subscriptions, fund-raising, gifts from members, non-members, NGOs, Governments, Universities and other institutions and philanthropists for furtherance of the above objectives. • To render financial aid to deserving alumni or alma mater in cases of exigencies • To bring out almanac/magazines/ souvenirs/newsletters highlighting the activities of the College and its Alumni • To organize cultural and educational programmes and also to conduct Alumni reunion day celebrations on a regular basis. • To help the Alumni to get/provide advice from/to the College on various technical challenges and job opportunities that they may come across in their work and real life. • To approve/promote establishment of Alumni Chapters at different geographical locations having adequate congregation of alumni and physical infrastructure in the form of clubs or otherwise. • To maintain camaraderie and fraternity amongst the ex-students of the College by encouraging social and cultural association amongst themselves • To liaise with the College faculty and administration in order to update the Alumni Database every year • To instil and promote scientific acumen in the school children by conducting science exhibition cum competition, partnering with the college. • To reach out to the distressed in the aftermath of natural disasters like floods, cyclone and also
<p>5.4.2 - No. of enrolled Alumni:</p>
<p>481</p>
<p>5.4.3 - Alumni contribution during the year (in Rupees) :</p>
<p>921500</p>
<p>5.4.4 - Meetings/activities organized by Alumni Association :</p>
<p>1. Alumni meet held on 23.02.2019 2. Guest lecture given by our Alumnus Mr. Vedhasankaran on 11.08.2019. 3. Guest lecture given by our Alumnus Mr. Balamurugan on 17.08.2019.</p>
<p>CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT</p>
<p>6.1 - Institutional Vision and Leadership</p>
<p>6.1.1 - Mention two practices of decentralization and participative management during the last year (maximum 500 words)</p>
<p>Based on the Mission, Vision and Quality Policy, the Institute plans its short term and long term goals. Institute was headed by the Chairperson followed by Secretary Correspondent, Trustee administrator and the Principal. Decisions involving policy making, new course of study and budget allocation were taken by The Secretary and Correspondent with the advice and support from Trustees and Governing Council. Participative Management includes all the stakeholders at all levels of the organization in the decision making of every Academic and Non Academic features. Daily Academic activities are administered by the 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. Other activities related to Academics, Symposium and Sports activities were approved by the Principal in concurrence with the concerned department HEAD. Since the Management believes in team work, participation of Faculty Members of every levels in all the Academic and Non-Academic activities of the Institute. Department Head's actively strategize and executes the decision with the help of the 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. Framing of time table, subject allocation, assigning lab in charges, Selection of Elective Subjects, Organising Conferences, Seminars and Workshops, Planning and arrangement of Internships and Industrial visits, deputing department coordinators for various committees, mentoring the students, maintaining the student discipline and decorum in the campus are the independent responsibility of the departments where they can autonomously execute their strategies. Department Exam Cell has independent powers to</p>

<p>schedule and to conduct the Internal Examinations. All the programmes were organized and conducted by various Specific committees which work for specific purpose but strive together for the successful completion of every event. Various Committees are listed below: 1. Governing Council Committee. 2. Academic Council Committee. 3. Women's Grievance cum Redressal Committee. 4. Discipline and Welfare Committee. 5. Planning and Monitoring Committee. 6. Anti-Ragging Committee. 7. Anti-Ragging Squad. 8. Women's Empowerment Cell. 9. SC/ST Development Cell. 10. Career Planning and Development Cell. 11. Research and Development. 12. Grievance Committee. 13. ISO and NAAC Accreditation Committee. 14. Graduation Day and Induction Day Event Organizing Committee. 15. National Service Scheme (NSS). 16. Entrepreneurial Development Cell.</p>	
6.1.2 - Does the institution have a Management Information System (MIS)?	
Yes	
6.2 - Strategy Development and Deployment	
6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):	
Strategy Type	Details
Curriculum Development	Our Institution is affiliated to Anna University Chennai and approved by AICTE New Delhi. It abides by the changes in curriculum as prescribed by the affiliated University time to time
Teaching and Learning	The following are the innovative processes adopted by the Institute towards TLP: • Value Added Courses • Internships Pre-commencement Preparations • Departmental Academic Calendar • Lecture plan and Study Material-Notes • Course Learning Objectives and Course Outcomes • Soft copy of the lecture notes, question bank are provided to students through Email, Google class room and Whatsapp. • Updating the library with appropriate books as suggested by the Faculty Members. • Modifying the laboratories to cater for the needs of revised regulation and recent trends Monitoring student's performance through • Internal Assessment I, II, III and Model Examination • Re-test for improvement and Absentees • Assignments Monitoring the Teaching process through oral feedback obtained from students in the Class Committee Meeting • Academic Audit by peer committee • Result analysis Meeting of Internal Assessment and University Examination Addressing issues of individual student • Additional classes for slow learners. • Personal guidance to the needy students • Issues related to the course are resolved by mentoring the students. Addressing issues of Faculty members • Mentoring and guidance given to the Faculty Members for a course handled earlier by senior Faculty Members. Inputs from IQAC, and various feedback mechanisms are considered for improving the Teaching-Learning process.
Examination and Evaluation	• Internal Assessment Question Paper with Bloom's Taxonomy (knowledge level) indication. • Three Internal Assessment tests are conducted per Semester. Re-tests are conducted for Improvement and Absentees. • Additional coaching is provided for the slow learners. • Timely Assessment of tests is done and the results are displayed. • Theory examinations and practical/oral examinations are conducted as per University schedule and norms. • The Faculty Members contribute in the examination work like- Question paper setting, Invigilation for theory examinations, Central evaluation of answer scripts, as an Internal and External examiner for the University Examinations.
Research and Development	• Research and Development Cell is formed to promote Research and Development in the Institute. The cell includes Faculty Members, Academicians and Researchers. The cell meets once in a fortnight and delivers guidelines for quality improvement in Research and Development. • Well-equipped Research Labs are developed for the funded projects to improve quality of the research. • The Institute motivates the Faculty Members to undertake research activities through doctoral Programmes. It motivates them to publish research papers. • Faculty Members are encouraged to attend and present papers in National and International Conferences and financial assistance are provided by the Management.
Library, ICT and Physical Infrastructure / Instrumentation	Library - Central Library gives guidelines for improving the quality of library resource. • IEEE Institutional login enables the faculty and students for their academic and research works. • New books/journals are purchased every year to update the library • Each Department has its own Library facility that includes text books, project and research papers published. ICT - The Institute regularly increases ICT facilities for Classrooms, Tutorial Halls, Seminar Halls and Laboratories. • The Institute regularly enhances the Internet connectivity facility. • The Institute regularly enhances the power backup facility for laboratories. Physical Infrastructure - Physical Infrastructure is increased to meet the demand of recent trends, new regulation and increase of intake
Human Resource Management	• The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, ML and EPF. Employee's salary will be credited in the bank account directly. • For professional development of the human resource, the Institute delegates the Faculty Members to undergo development programmes outside the Institute, provides Technical resources and financial assistance to undertake such development programmes. • Faculty Members and Students are felicitated for their Academic achievements.
Industry Interaction / Collaboration	• MoUs are signed with various companies. • Industrial visits to companies like NLC, NCTPS, Indo Tech Transformers, ISRO (SHAR), NARL, DD, TEKLED, AIR are organised to understand the real time scenario. • Orientation Programmes and guest lectures are conducted for the students by the Industry experts. • Alumni placed in the

	reputed Industries are invited for dialogue about industrial trend and need with the students. • Entrepreneurship orientation activities are organized for the students.
Admission of Students	Admission of students is through Single Window Counseling system conducted by Anna University, Chennai. Admission for Management Seats is through an Admission Committee constituted by the Management.

6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	1. PALPAP- PALPAP software international limited, PALPAP TOWERS,NO: 3/17, GST road, St.Thomas mount, Chennai-16. India 044-45410579, kumar@palpap.com
Administration	1. PALPAP- PALPAP software international limited, PALPAP TOWERS NO: 3/17,GST road, St.Thomas mount, Chennai-16.044-45410579, kumar@palpap.com 2. TALLY, Tally solutions India private limited, Bengaluru, India.
Finance and Accounts	Easy Software- FFS, Flat 1B,, I Floor, Old no.5, New No.9, 1st Main Road, KB Nagar, Adyar Chennai- 600020 Ph: 9380005207
Student Admission and Support	1. WhatsApp 2. Google Driver 3. Mobile SMS Service
Examination	1. WhatsApp 2. Google Driver 3. Mobile SMS Service

6.3 - Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. M. Amanullah	Cloud Computing	NPTEL	1100
2018	P Ganesh	Joy of Computing Using Python	NPTEL	1100
2018	A. Juvin Paula	Introduction to Solid State Physics	NPTEL	1000
2018	V. Gayathri	Introduction to Abstract and Linear Algebra	NPTEL	1000
2018	B. Ashiq	Rapid Manufacturing	NPTEL	1100
2018	P. Amudha	Introduction to World Literature	NPTEL	1100
2018	V. Gayathri	Graph Theory	NPTEL	1100
2018	P. Ashwini	Laser : Fundamentals and application	NPTEL	1100
2018	Dr. S. Sathish	Advanced Topics in the Science and Technology of Concrete	NPTEL	1100
2018	Dr. G. Immanuel	Enhancing Soft Skills and Personality	NPTEL	1100

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6.3.2 - Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	A One Day Workshop On Coding Boot Camp	Nil	08/03/2018	08/03/2018	73	Nil1
2018	Digital Signal Processing Tools and IDDE	Nil	10/11/2018	10/11/2018	20	Nil1
2018	Conducted A Five Days Live Online Faculty Development Programme On Research Paper Writing Using Software Tools	Nil	01/11/2018	05/11/2018	93	Nil1
2018	Faculty Development Programme On Ge8292 Engineering Mechanics	Nil	03/12/2018	07/12/2018	39	Nil1
2018	A Five Days Live Online Faculty Development Programme On Reference Management Knowledge Organization For Journal Writing	Nil	07/01/2019	11/01/2019	127	Nil1
2018	A Two Days Workshop On Web Development Database Management Programme	Nil	27/02/2019	28/02/2019	73	Nil1

[View File](#)

6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Hands on Training and Application Program in MED Tech	2	14/09/2018	15/09/2018	02
Theory to Practice Lecture	1	12/09/2019	12/09/2019	01
innoWah Q A Workshop for Chennai Cluster	3	10/09/2018	10/09/2018	01
PALS innoWah - Webcast	35	31/07/2018	31/07/2018	01
Phython and its real time applications by Aalim Muhammed Salegh College of Engineering	1	05/02/2019	05/02/2019	01
MATLAB /SIMULINK based Hands on training on power electronic Converters based systems and their controllers	1	27/11/2018	29/11/2018	03
Active Learning Conducted by IIT Madras	3	13/11/2018	15/11/2018	03
Research Paper Writing On Using Journal Tools	1	01/11/2018	05/11/2018	05
Curious program Conducted by IIT Madras and HTIC MTI	1	14/09/2018	15/09/2018	02

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6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	124	Nill	35

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none">On duty leave for attending Conferences, Seminars, Symposiums, Industrial Visits and Skill Development Training ProgrammesOn duty leave for Research Oriented Visits to perform testing and analysing components.Interest free loan.Personal Accident Insurance.Soft Loans for Higher Education, Children School Tuition Fee, Self and Siblings marriages, Parents Medical TreatmentFree transportation.Free food while 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 and Ph.D Programmes, Special Career advancement Courses.ESI Facilities.Employees State Insurance.	<ul style="list-style-type: none">Interest free loan.Personal Accidental insurance.Provident fund.Employees state insurance.On duty leave for attending skill development training and industrial visits.Medical Leave.Maternity Leave.Marriage Leave	<ul style="list-style-type: none">Scholarships for economically weaker students are provided through Alumni Fund.Fee waiver is given to students who excelled in academics.Financial assistance is provided to students for their innovative projectsSponsorship to the students for participation in International Conferences and competitions.Cash award by management for winners in competitions like Hackathon etc.,Winners in sports and competitions at off campus are Felicitated.

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words each)

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. 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 and Correspondent.
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6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Refer the attachment	275000	Scholarship and Project development

[View File](#)

6.4.3 - Total corpus fund generated					
275000					
6.5 - Internal Quality Assurance System					
6.5.1 - Whether Academic and Administrative Audit (AAA) has been done?					
Audit Type		External		Internal	
		Yes/No	Agency	Yes/No	Authority
Academic		No	Nil	Yes	IQAC
Administrative		No	Nil	Yes	IQAC
6.5.2 - Activities and support from the Parent - Teacher Association (at least three)					
<ul style="list-style-type: none"> Head of the Institution organizes Parent – Teachers meeting once in a semester during a weekend. The parents are identified and invited by the Heads of the Department. Student's Academic Performance, University Results, Attendance and other Academic related activities were discussed. The Mentors interact with Parents regarding their wards Curricular and Co Curricular performances 					
6.5.3 - Development programmes for support staff (at least three)					
<ul style="list-style-type: none"> Skill Development Programmes Eye testing training Programme for Transport Drivers Awareness Programmes on Electrical Maintenance and Fire Safety 					
6.5.4 - Post Accreditation initiative(s) (mention at least three)					
<ul style="list-style-type: none"> AMCAT Training was provided for Pre-final and Final year Students Skill Development programmes were conducted for Second year Students. Webinars were Organized for Students and Faculty Members 					
6.5.5 - Internal Quality Assurance System Details					
a) Submission of Data for AISHE portal					Yes
b)Participation in NIRF					No
c)ISO certification					No
d)NBA or any other quality audit					No
6.5.6 - Number of Quality Initiatives undertaken during the year					
Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	NAAC Readiness	25/04/2019	25/04/2019	25/04/2019	1455
2018	AICTE Innovation Club	14/09/2018	14/09/2018	14/09/2018	873
2018	To Train the Students as per Industry requirements	10/12/2018	10/12/2018	10/12/2018	872
2019	Orientation of importance of NBA/NAAC Accreditation	04/03/2019	04/03/2019	04/03/2019	1455
2018	Pan IIT Alumni Leadership Series (PALS)	14/09/2018	14/09/2018	14/09/2018	437
2019	Appointment of Internal Audit Members for each Department	04/03/2019	04/03/2019	04/03/2019	1455
2018	Remedial Class for average Performers	10/12/2018	10/12/2018	10/12/2018	582
2019	Audit Calendar finalization for NBA/NAAC Accreditation	04/03/2019	04/03/2019	04/03/2019	1455
2018	Green Campus initiative	10/12/2018	10/12/2018	10/12/2018	875
2018	Entrepreneur Development Cell (ED Cell)	14/09/2018	14/09/2018	14/09/2018	873
View File					
CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES					
7.1 - Institutional Values and Social Responsibilities					
7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)					
Title of the programme		Period from	Period To	Number of Participants	
				Female	Male
Annual and Sports Day 2019		16/03/2019	16/03/2019	100	300
Women's Day 2019		08/03/2019	08/03/2019	250	Nil
Alumni Get together 2019		23/02/2019	23/02/2019	60	150
Special Training Programme for Girls		21/01/2019	21/01/2019	200	Nil
Women Empowerment Programme		20/12/2018	20/12/2018	120	Nil
7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:					
Percentage of power requirement of the University met by the renewable energy sources					
Aalim Muhammed Salegh College of Engineering is used to adopt not only the new technology but also will take always steps to manage it's energy requirements. The Campus Power energy requirement is currently managed with the dedicated Power grid called HT (High Tension) linefrom Electrical Board					

of Tamil Nadu. Additionally, we have anadditional powerbackupof 250 KVA, 180 KVA, and 125 KVA of three Generator grid setup for the campus. Thus the total backup power energy is 555 KVA. The Sanctioned Power load is 450 KVA. So, the sufficient backup power energy is maintained for the campus. The management has extended the vision on Energy conservation to set up the Solar Energy power unit in the campus for the support to the National Power Board Authorities and to make our whole campus as Ecosystem. The latest initiatives for the same are to set up a solar panel units for managing the energy requirements. The work is in progress.							
7.1.3 - Differently abled (Divyangjan) friendliness							
Item facilities					Yes/No	Number of beneficiaries	
Physical facilities					Yes	Nill	
Provision for lift					Yes	Nill	
Ramp/Rails					Yes	Nill	
Braille Software/facilities					Yes	Nill	
Rest Rooms					Yes	Nill	
Scribes for examination					Yes	Nill	
Special skill development for differently abled students					Yes	Nill	
Any other similar facility					Yes	Nill	
7.1.4 - Inclusion and Situatedness							
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	11/02/2019	01	National Deworming Day	Distribution of T.Albendazole	575
2018	1	1	02/03/2019	01	Eco Awareness Rally	Rejuvenating the Lake	390
2018	1	1	28/01/2019	01	Preventive Campaign for H1N1 Virus	Distribution of Nilavembu Kashyam	350
2018	1	1	25/01/2019	01	National Voters Day Celebration Rally	Creating Awareness and Importance of Casting Vote	150
2018	1	1	28/11/2018	01	Swachh Bharat Summer Internship Programme	Inauguration of two Toilets	50
2018	1	1	31/10/2018	01	National Unity Day	To preserve and Strengthen Unity	1500
2018	1	1	10/07/2018	01	NSS Special Medical Camp	Consultation and Treatment to Hostel Students	153
View File							
7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders							
Title	Date of publication	Follow up(max 100 words)					
Code of Conduct	01/06/2018	1. Online communication with the students regarding Assignment and notes through Google classroom. 2. Soft Skill Training program is given to all students. 3. Extra care has been taken for slow learners. 4. Regular student counseling is given to the students for their better academic performances. 5. Frequent Parent-Teacher meeting is conducted to inform parents about their wards academic performances. 6. College news letter is published regularly.					
7.1.6 - Activities conducted for promotion of universal Values and Ethics							
Activity			Duration From	Duration To	Number of participants		
National Voters Day			25/01/2019	25/01/2019	150		
National Unity Day			31/10/2018	31/10/2018	1500		
Vigilance Awareness Week			29/10/2018	03/11/2018	1500		
Medical Camp			07/10/2018	07/10/2018	77		

7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

Our college campus is well known for green initiatives. Students, Parents and visitors 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 National Service Scheme (NSS) and Youth Red Cross (YRC) volunteers. The green landscaping is well planned and becomes the nurturing tasks for every individual of the campus. The usage of plastic material has been restricted. The parking area of our campus for 4-wheeler and 2-wheeler are well designated. In the campus, usage of motorizing of 4-wheeler and 2-wheeler 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. More Green Initiatives are being planned for wastewater treatment as well as recycling and rainwater harvesting in a decentralized manner. NSS and YRC volunteers of the college, focused to propagate the importance of greenery, open defecation, rain water harvesting, water storage by cleaning the ponds in the adopted villages. Plantation of saplings is the regular activities in our college campus. It has shown remarkable awareness in maintaining an eco-friendly campus. Indeed, viewing the lush green lawns, labeling the trees on the basis of botanical names. Some of the measures taken under the Green Initiatives are as follows:

- Planting trees on a regular basis.
- Paper free campus
- Making the campus a plastic-free zone.
- Making the campus a litter-free zone.
- Placing of different dustbins in each and every corner.
- Use of bicycles by the faculty members and staffs so as to avoid excess of air pollution.
- Birds water feeder.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

BEST PRACTICE- I: Title of the Practice: Design and development of Mentoring System to groom students. Objectives of the Practice: a. Induction into organizations climate and culture b. To provide psychological support c. To give guidance on career development. The Context: Students admitted to the institution are young adults. They belong to both genders and usually are of 18 years age. The students come from various backgrounds. They may come from rural, semi urban and urban areas, the family back grounds vary from poor, middle income to rich, the medium of instructions mostly would have been the local language and also they come from different parts of the state. Thus, there is complete diversity among the students. Most of the students must have stepped out from their homes for the first time and are suddenly exposed to a huge college environment. Hence, the students would be confused and require considerable time to adjust. Hence, the proteges need encouragement, advice and feedback, as well as enhanced sense of competence, effectiveness, and clarity of identity. Also, students of higher classes need career counseling. They need sponsorship, coaching, protection, exposure, visibility and encouragement. Catering to these requirements of students, considering their diversity has becoming a development challenge and an important human resource management strategy for the institution. Approaching the issue in a systematic manner is of paramount importance. The Practice: A well-built mentoring system is in existence in the institution. The process of student counseling starts the moment he/she enters the institute in I Year B.E and continues throughout his/her stay. Faculty members are appointed as Counselors to take care of the students. Each counselor is allotted with 20 students.

Counseling hours are incorporated in the time tables and every student will get one counseling hour per week. During the counseling hour, the counselor sits with the students and interacts with them. Every minutest aspect of students with regard to academics and career are brought to the notice of the counsellor. Extra care will be taken for the slow learners by suggesting them to attend remedial classes without fail and the same is also monitored by the counsellor. Before the process of counselling begins, the counsellors insist upon the students to set their goal in the first year itself. The students are advised to set short term goals, midterm goals and finally long-term goals. It is strongly believed that goal setting alone paves the way for 50 success in their academics. At the end of the counselling hour, the minutes of the counselling are noted down in the counselling book which is exclusively meant for mentoring system. The counselling books subsequently follow the students when they are promoted to next level i.e, from first year to second year and so on. The same counsellor will counsel the student until fourth year. In this way, the counseling book consists of every student's month wise attendance, internal marks, external marks etc. These counseling books are kept with the respective HOD's permanently even after the students pass out. During counseling students' marks, attendance, behaviors and so on are brought to the notice of their parents. This mechanism helps a lot to develop teacher parent relationship.

In consultation with the parents, the teachers establish strong grounds for the holistic development of the students. Evidence of Success: Students are made to learn goal-oriented approach and devote their valuable time for professional development. Under this motivation, students taking part in conferences, seminars, workshops, symposiums etc. without hesitation and put out feelers to find new horizons of learning. Mentoring System in the institute keeps students busy in curricular and co-curricular activities. This is the major reason for increase of attendance of students resulting in alleviation of the number of dropouts. The system helps create congenial learning atmosphere in which students successfully complete their courses without back logs. The system also helps to develop a good student relationship which ensures ragging free campus. Problems Encountered and Resources Required: The problems encountered in implementing student learning process are multi-fold. The major problem is initially majority of the students are hesitant to learn because of their backgrounds. It takes time to abdicate their resistance to change attitude. As soon as they enter the institute, they remain in a shell and do not exchange information required with the mentor's in spite of their advancements. Another big problem is the students try to escape to attend mentoring classes on the pretext of other unnecessary works. In addition to these, another major problem is establishing relationship with the parents of the students. Irrespective of the different approaches of mentors, the response of the parents is

<p>still desired. As far as resources required in overcoming the impediments, a number of orientation programme have been arranged and field trips are required in order to shun the hesitation from the students. Notes: Mentoring system in the institute is reaping enormous benefits to the student community. The process of mentoring begins with setting goal to each student as soon as he/she enters the campus which automatically leads to career advancement. During this process, every student is emphasized on the need of objectives required to march forward towards the set goal.</p> <p>BEST PRACTICE-II : Title of the Practice: Comprehensive training for students</p> <p>Objectives of the Practice:</p> <ul style="list-style-type: none"> • To provide training in employ-ability skills for gainful placement in industry • To deliver domain skills for progression to Higher Education in Engineering/allied areas • To imbibe attitude and develop skills among students for entrepreneurship <p>The Context: The education objectives set for the program are providing gainful placement / promoting progression to Higher Education / developing aptitude for entrepreneurship among students. With the diversity of students - social and academic, the need for attaining program outcomes needs a definite add-on program as training. The short term training doesn't help student learn holistically, hence comprehensive training (four years) has been planned to produce productive alumni. This program delivers - goal setting, career planning, training and progression to success post completion of course. The imperative needs to develop students for future, training plan encompassing the life cycle of the program need to be organized. The Practice: Training need analysis is conducted to identify their interest (Higher Education/ Career/Entrepreneurship) Training plan is prepared and embedded into the time table for implementation Interaction with experts from industries and high impact training from professional organization are organized • Continuous assessment of training through standardized online tests offered by popular portals • Feedback from students on training and remedial sessions for enhancing the impact • Liaison with IT core companies for student placement • Career guidance for progression to Higher Education and entrepreneurship <p>□ Evidence of Success:</p> <ul style="list-style-type: none"> • Increased rate of placement in corporate and government firms • Enhanced number of students taking admissions in Higher Education in Engineering/Management in India abroad • Increase in number of alumni start-ups and better awareness on entrepreneurship <p>Problems Encountered and Resources Required:</p> <p>Problems: 1. Understanding the need analysis of students 2. Embedded the training plan with curriculum</p> <p>Resources Required: 1. Identification of experts and good training agencies for top-up events 2. Strong internal teams to handle training and associated logistics</p> <p>Notes: Since attainment of the program outcomes is reflected in achieving quantitative success factors in placement, progression Higher Education and entrepreneurship continuous internal training becomes a critical quality initiative.</p> </p>
<p>Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link</p>
<p>http://aalimec.ac.in/NAAC/C7/720-2018-19-Institutional-best-practices.pdf</p>
<p>7.3 - Institutional Distinctiveness</p>
<p>7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words</p>
<p>It is very much importance in the overall progress and development of the institution. The performance of the institution in one area distinctive to its vision: Since, the college is a minority institution and also situated in the suburban of Chennai city. Every year large number of rural students (Girls and Boys) seeks admissions in different courses of the college. College also helps students to get different types of scholarship (National Scholarship, Minority scholarship) provided by the Government and private organizations. Our college has been continuously striving to take education to the people who were denied the right to education and thus opportunities to develop and raise their standards of living. The college has worked determinedly to grow professionalism among the students and has stimulated the sense of social responsibility in them. The college has made significant growth over the years in its infrastructure and facilities to cope with the changing scenario of Higher Education and modern demands in the framework of globalization. Gender sensitization programs are also seen in the different programs such as lectures/seminars, NSS and YRC units of the college. Department of physical Education had given them opportunity to actively participate in sports and students were selected in University Team. The college organizes the women empowerment programs for making them confident enough to success through the battle of life. The College has a big repository of books, journals, periodicals, rare editions, manuscripts, and videos for the use of all teaching faculty members and students. All Departments conduct seminars, conferences, workshops, guest lectures and fests for the benefit of the students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. The college has strong norms for discipline and keeps a keen eye on attendance, assignments, submissions and the like. The academic audit conducted annually by the management, promotes a healthy teaching-learning atmosphere. Research laboratory and communication skill laboratory help the faculty to enhance knowledge in the field of English language communication and writing skills. Participative and experiential learning are often used. Sophisticated instruments, software, hands-on trainings, summer-schools, field-visits, industrial visits and training, etc., are employed. Entrepreneurship Development Cell is functioning in the College and the cell encourages the students to start start-ups. There is a fully operation auditorium with Audio-Visual facility to hold regular seminars, Symposium, cultural activities and other meetings. The Institute invites learned speakers from the Government, Academia and Alumni to share their knowledge and interact with students and Faculty members The College encourages research and development activities on social development. Some of the social significant models developed by our students:</p> <ul style="list-style-type: none"> • Bore well Child Rescue Machine. • Design and Fabrication of Water Body Cleaning Machine • Electric Solar Three Wheeler Vehicle for Disabled. • Generation of Drinking Water from Humid Atmospheric Air In Coastal Region (TNSCST - Student Project Scheme-2018-19) <p>College provides excellence Education and opportunities for intellectual and emotional growth through different programs which are relevant and responsive to the needs</p>

Provide the weblink of the institution

<https://www.aalimec.ac.in/wp-content/uploads/2020/10/73-Institutional-Distinctiveness-18-19.pdf>

8.Future Plans of Actions for Next Academic Year

IQAC is planning to introduce the following improvements in Academic, Research and Infrastructure: The Institution will introduce Occurrence Report Register (ORR) for updating the weekly activities of the Department and will enhance the participation of Faculty Members and Students in various activities like Webinar, Guest Lecture, Faculty Development Programme, Internship. The College will increase the Participation of Faculty Members and Students in obtaining Online Certification Courses being conducted by NPTEL and will organize more number of Workshops related to Research Paper Writing and Proposals for Funded Projects by eminent Scientists from National Laboratories like DRDO, DST, etc. The College will enable to establish Start-ups in all the Departments to promote innovative ideas into Products and Review Teaching Learning process, Structures Methodologies of operations and learning outcomes at periodic intervals through IQAC. The College plans to increase the Placement and Training activities to place Students through On-Campus and Off-Campus Interviews. The College plans to increase the Financial contributions and knowledge sharing from Alumni. The College will enhance the Students Scholarship enrollment in various Government and Non-Government Scholarship Schemes. The College will enhance to equip Students with Soft Skills related to industrial perspectives through invited speakers from Academia and Industries and will introduce the core values of Engineering to the prospective Students willing to pursue Engineering Education through Pre-Induction Bridge Course. The College will enhance Students participation in State/National Level Competitions in Cultural and Sports activities. The College will facilitate the Faculty Members and Students to utilise Lecture Capturing System (LCS) mode of Teaching. The College will enhance the international Journal Publications in all the Departments and motivate Faculty Members to apply for more number of Patents. The College will enhance the number of extension and outreach programmes through NSS.