



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 |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes, whether it is uploaded in the institutional website: Weblink : | http://aalimec.ac.in/wp-content/uploads/calendar2018_2019.pdf |

5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | 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 |

[View File](#)

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 |

[View File](#)

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

[View File](#)

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 description 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 |

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.

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

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

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.

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 | ENTREPRENEURSHIP | 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 | ENTREPRENEURSHIP | 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 | ENTREPRENEURSHIP | 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 |
| Android 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 | ENTREPRENEURSHIP | No |
| Problem Solving | 0 | 03/09/2018 | 08 | ENTREPRENEURSHIP | No |
| Aptitude Enhancement Training. | 0 | 03/09/2018 | 08 | ENTREPRENEURSHIP | No |
| Human Resource Training | 0 | 04/02/2019 | 08 | ENTREPRENEURSHIP | No |
| Strategic Management | 0 | 04/02/2019 | 08 | ENTREPRENEURSHIP | No |
| Big Data | 0 | 11/02/2019 | 04 | Employability | Yes |
| Aptitude Enhancement | 0 | 19/09/2018 | 04 | ENTREPRENEURSHIP | 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 |

[View File](#)

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 |

[View File](#)

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 |

[View File](#)

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)

| |
|--|
| |
|--|

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 take necessary 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 | Number of 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 |

[View File](#)

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 |

[View File](#)

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 |

[View File](#)

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 |

[View File](#)

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 | Nil |
| 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 | Nil |
| 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 | Nil |
| 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 | Nil |
| 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 | Nil |
| Geospatial Analysis of Terrain Through Optimized Feature | N.R.Shanker | Multimedia Tools and applications , | 2018 | 1 | Aalim Muhammed | Nil |

| | | | | | | |
|---|-------------|---|------|---|--|-----|
| 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 | Nil |
| 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 | Nil |
| Scalable Multicasting through Hexazonal Zone based Structure over Mobile Adhoc Networks | R Shankar | Journal of Internet Technology/SCI | 2018 | 0 | Manomaniam Sundaranar University, India | Nil |

[View File](#)

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 Research journal of engineering and technology (IRJET) /UGC | 2018 | Nil | 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 | Nil | 1 | Aalim Muhammed Salegh College of Engineering |
| A Thermodynamics Performance study of simple cooling and combined power Transcritical N ₂ O Cycles | Anjan Kumar Sahu | International Journal for research in Engineering Application and Management/UGC | 2018 | Nil | Nil | 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 | Nil | Nil | 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 | Nil | Nil | 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 | Nil | Nil | 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 | Nil | Nil | 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 | Nil | Nil | 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 | Nil | Nil | Aalim Muhammed Salegh College of Engineering |
| A Novel Approach for Privacy Preservation in Bigdata using | R.Vimala | Journal of Computational and | 2018 | Nil | Nil | Aalim Muhammed |

[View File](#)

3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

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

[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 Rally | T8 Police Station Muthapudupet | 20 | 140 |
| IX National Voter's 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 |

[View File](#)

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 Certification Examination | Active SPOC from NPTEL | AICTE-Swayam NPTEL | 49 |

[View File](#)

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 activities | Number of students participated in such activities |
|------------------------------------|---|------------------------------------|--|--|
| 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 Preventive Campaign | NSS | Distribution of Nilavembu Kashayam | 5 | 450 |
| Plantation of Saplings | NGO | Plantation of Saplings | 4 | 262 |

[View File](#)

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 |

[View File](#)

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 |

[View File](#)

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 Charitable 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 |

[View File](#)

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 |

[View File](#)

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 | Nil | 93 | Nil | 513 | Nil |
| Journals | 84 | 2790342 | 84 | 184175 | 168 | 2974517 |
| e-Journals | 6 | Nil | 1 | 13570 | 7 | 13570 |
| Digital Database | 1 | Nil | 1 | Nil | 2 | Nil |
| CD & Video | 2720 | Nil | Nil | Nil | 2720 | Nil |
| Library Automation | 1 | Nil | Nil | Nil | 1 | Nil |
| Weeding (hard & soft) | 648 | Nil | 130 | Nil | 778 | Nil |
| Others (specify) | 5 | 3596 | Nil | Nil | 5 | 3596 |

[View File](#)

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 |

[View File](#)

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 incurred on maintenance of physical facilities |
|--|--|--|--|
| 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)

• 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 the operationability 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.

<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 Plannng 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. |

[View File](#)

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 passed in the comp. exam | Number of students placed |
|------|---|--|--|--|---------------------------|
| 2018 | Guidance for Competitive Examinations and Career Counseling | 1427 | 1427 | 441 | 236 |

[View File](#)

5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment 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 | | |
|--|---------------------------------|---------------------------|---|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students 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, Industrial Solutions, Hosur Road, Koramangala, Banagalore - 560 095 h: 080 6657 5757 | 6 | 1 |

[View File](#)

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

| Year | Number of students enrolling into higher education | Programme graduated from | Department 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 |

[View File](#)

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 |

[View File](#)

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 |

[View File](#)

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 | Nil | 110115114112 | D. VIJAYA DEVA |

[View File](#)

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. Apart 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

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.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

• 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

- 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

The following are the endeavours of our Alumni association:

- 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

5.4.2 - No. of enrolled Alumni:

481

5.4.3 - Alumni contribution during the year (in Rupees) :

921500

5.4.4 - Meetings/activities organized by Alumni Association :

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.

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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

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.

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 |

[View File](#)

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 | Nil |
| 2018 | Digital Signal Processing Tools and IDDE | Nil | 10/11/2018 | 10/11/2018 | 20 | Nil |
| 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 | Nil |
| 2018 | Faculty Development Programme On Ge8292 Engineering Mechanics | Nil | 03/12/2018 | 07/12/2018 | 39 | Nil |
| 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 | Nil |
| 2018 | A Two Days Workshop On Web Development Database Management Programme | Nil | 27/02/2019 | 28/02/2019 | 73 | Nil |

[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 |

[View File](#)

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| Nil | 124 | Nil | 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 Programmes • On 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 Treatment • Free 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 projects • Sponsorship 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.

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)

- 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)

- 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)

- 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) line from Electrical Board

of Tamil Nadu. Additionally, we have an additional power backup of 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 | Nil |
| Provision for lift | Yes | Nil |
| Ramp/Rails | Yes | Nil |
| Braille Software/facilities | Yes | Nil |
| Rest Rooms | Yes | Nil |
| Scribes for examination | Yes | Nil |
| Special skill development for differently abled students | Yes | Nil |
| Any other similar facility | Yes | Nil |

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

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.

BEST PRACTICE-II : Title of the Practice: Comprehensive training for students
Objectives of the Practice:

- 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

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

□ Evidence of Success:

- 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

Problems Encountered and Resources Required:

Problems: 1. Understanding the need analysis of students 2. Embedded the training plan with curriculum

Resources Required: 1. Identification of experts and good training agencies for top-up events 2. Strong internal teams to handle training and associated logistics

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.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://aalimec.ac.in/NAAC/C7/720-2018-19-Institutional-best-practices.pdf>

7.3 - Institutional Distinctiveness

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

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:

- 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)

College provides excellence Education and opportunities for intellectual and emotional growth through different programs which are relevant and responsive to the needs

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.